



共通タスクの例

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ユーザーの作成

ユーザの作成

ユーザーの作成 - CIMC、SNMP、IPMI と入力
要求

```
<configConfMo cookie="2bce81022c/1133915a-b9e6-c62b-f3c4-3fb162f77dcf"
inHierarchical="false"
dn="sys/user-ext/user-14">
  <inConfig>
    <aaaUser id="14" accountStatus="active" name="test14"
priv="admin" pwd="Cisco@11010"
dn="sys/user-ext/user-14" userType="CIMC,SNMP,IPMI" ipmiPwd="Ucs@1234"
auth="HMAC128_SHA224" authPwd="Rack@123" privacy="CFB128_AES128"
privacyPwd="Ucs@1234" />
  </inConfig>
</configConfMo>
```

応答

```
<configConfMo dn="sys/user-ext/user-14"
cookie="2bce81022c/1133915a-b9e6-c62b-f3c4-3fb162f77dcf"
response="yes">
  <outConfig>
    <aaaUser id="14" accountStatus="active" name="test14" priv="admin" pwd=""
adminAction="no-op"
dn="sys/user-ext/user-14" userType="CIMC,SNMP,IPMI" auth="HMAC128_SHA224"
privacy="CFB128_AES128"
ipmiPwd="" authPwd="" ipmiPwd="" privacyPwd="" status="modified"/>
  </outConfig>
</configConfMo>
```

ユーザーの作成 - SNMP と入力

要求

```
<configConfMo cookie='real_cookie'
dn='sys/user-ext/user-5'>
  <inConfig>
    <aaaUser name='snmp' pwd='real_password' priv='admin' userType='SNMP' id='5'
auth='SHA-224' authPwd='real_password' accountStatus='active' dn='sys/user-ext/user-5'>
  </aaaUser>
  </inConfig>
</configConfMo>
```

応答

```
<configConfMo cookie="real_cookie" response="yes" dn="sys/user-ext/user-5">
<outConfig>
<aaaUser dn="sys/user-ext/user-5" id="5" accountStatus="active" name="snmp"
priv="admin" userType="SNMP" auth="SHA-224" privacy="" authPwd="" privacyPwd="" pwd=""
adminAction="no-op" status="modified" ></aaaUser>
</outConfig>
</configConfMo>
```

パスワード変更

工場出荷時デフォルトの復元後のパスワードの変更

リクエスト

ログイン:

```
curl -k -d "<aaaLogin inName='admin' inPassword='xyz'/>"
https://10.10.10.10/nuova
<aaaLogin cookie="" response="yes"
outCookie="7a62a55062/c4966684-e05e-42f3-3034-27aa36ab3689"
outRefreshPeriod="600" outPriv="admin" outSessionId="3"
outVersion="531.04.558-dev-abcd.202209141408"
outStatus="Warning : Please change default password."> </aaaLogin>
```

パスワードの変更

```
curl -k -d '
<configConfMo cookie="cc6532f3e0/6211cc8e-391a-0ca0-91aa-27fa3454bd40"
dn="sys/user-ext/user-1" inHierarchical="false">
<inConfig>
<aaaUser name="admin" id="1" pwd="xyz@123" ></aaaUser>
</inConfig>
</configConfMo>
' https://10.10.10.10/nuova
<configConfMo dn="sys/user-ext/user-1"
cookie="cc6532f3e0/6211cc8e-391a-0ca0-91aa-27fa3454bd40" response="yes">
<outConfig>
<aaaUser id="1" accountStatus="active"
name="admin" priv="admin" pwd="" adminAction="no-op"
dn="sys/user-ext/user-1" status="modified" ></aaaUser></outConfig>
</configConfMo>
```



- (注)
- パスワードが更新されると、セッションは閉じられ、この同じ Cookie を使用してクエリが処理されることはありません。他のユーザーインターフェイスで開いているセッションもすべて閉じられます。

パスワードの有効期限が切れたときにパスワードを変更する

リクエスト

ログイン :

```
curl -k -d "<aaaLogin inName='admin' inPassword='xyz@123'/>"
https://10.10.10.10/nuova
<aaaLogin cookie="" response="yes"
outCookie="48d3bbb79b/ab09da3b-61f5-a4e0-23ae-f943ab37be95"
outRefreshPeriod="600" outPriv="admin" outSessionId="1"
outVersion="531.04.558-dev-abcd.202209141408"
outStatus="Warning : Your Cisco-IMC password has expired.
Please reset your password IMMEDIATELY to be able to access your service.">
</aaaLogin>
```

パスワードを変更 :

```
curl -k -d '
<configConfMo cookie="ab52d8fd5b/6927984f-86da-cf8f-7208-714d76291f9c"
dn="sys/user-ext/user-1" inHierarchical="false">
<inConfig>
<aaaUser name="admin" id="1" pwd="Cisco@1234" ></aaaUser>
</inConfig>
</configConfMo>
' https://10.10.10.10/nuova
<configConfMo dn="sys/user-ext/user-1"
```

```

cookie="ab52d8fd5b/6927984f-86da-cf8f-7208-714d76291f9c" response="yes">
<outConfig>
<aaaUser id="1" accountStatus="active" name="admin" priv="admin"
pwd="" adminAction="no-op" dn="sys/user-ext/user-1" status="modified" >
</aaaUser></outConfig>
</configConfMo>

```



- (注)
- パスワードが更新されると、セッションは閉じられ、この同じ Cookie を使用してクエリが処理されることはありません。他のユーザーインターフェイスで開いているセッションもすべて閉じられます。

セキュアブート証明書の管理

セキュアブート証明書管理クラス ID の取得

リクエスト

```

curl -k -d '<configResolveClass cookie="2bb52d05c9/f17b33c3-ce33-51fe-c2af-7a0c6f23fc90"
inHierarchical="false" classId="secureBootCertificateManagement"/>'
https://10.10.10.10/system

```

レスポンス

```

<configResolveClass cookie="2bb52d05c9/f17b33c3-ce33-51fe-c2af-7a0c6f23fc90"
response="yes" classId="secureBootCertificateManagement">
<outConfigs>
<secureBootCertificateManagement dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt"
uploadStatus="NA" uploadProgress="0%" errorDescription="NA"/></outConfigs>
</configResolveClass>

```

アップロードセキュアブート証明書クラス ID の取得

リクエスト

```

curl -k -d '<configResolveClass cookie="2bb52d05c9/f17b33c3-ce33-51fe-c2af-xxxxxxxxxx"
inHierarchical="false" classId="uploadSecureBootCertificate"/>'
https://10.10.10.10/system

```

レスポンス

```

<configResolveClass cookie="2bb52d05c9/f17b33c3-ce33-51fe-c2af-xxxxxxxxxx" response="yes"
classId="uploadSecureBootCertificate"> <outConfigs> <uploadSecureBootCertificate
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/upload-secure-boot-cert" adminAction="no-op"
protocol="none" remoteServer="" remoteFile="" user="" pwd="" certificateId=""
certificateContent="Certificate Content" uploadStatus="NA" uploadProgress="0%"/></outConfigs>
</configResolveClass>

```

セキュア ブート証明書のアップロード

リクエスト

```
<configConfMo cookie="ab9ff990fd/605f202e-3d2e-6522-260b-xxxxxxx"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/upload-secure-boot-cert"
inHierarchical="false">
<inConfig>
<uploadSecureBootCertificate adminAction="content-cert-upload" certificateContent="

-----BEGIN CERTIFICATE-----

Paste Certificate Content here

-----END CERTIFICATE-----
" certificateId="7"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/upload-secure-boot-cert">
</uploadSecureBootCertificate>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/upload-secure-boot-cert"
cookie="a931ba8e05/1303a82b-1a09-8264-a823-xxxxxxxxxx" response="yes">
<outConfig>
<uploadSecureBootCertificate dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/
upload-secure-boot-cert" adminAction="no-op" protocol="none" remoteServer="" remoteFile=""

user="" pwd="" certificateId="" certificateContent="Certificate Content"
uploadStatus="Completed"
uploadProgress="100%" status="modified"/></outConfig>
</configConfMo>
```

セキュア ブート証明書の表示

リクエスト

```
curl -k -d '<configResolveClass cookie="2bb52d05c9/f17b33c3-ce33-51fe-c2af-7a0c6f23fc90"
inHierarchical="false" classId="secureBootCACertificateInfo"/>' https://10.10.10/system
```

レスポンス

```
<configResolveClass cookie="2bb52d05c9/f17b33c3-ce33-51fe-c2af-7a0c6f23fc90" response="yes"

classId="secureBootCACertificateInfo">
<outConfigs>
<secureBootCACertificateInfo certificateId="1" serialNumber="" countryCode="NA" state="NA"

locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA" issuerState="NA"

issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA" validFrom="NA"
validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-1"/>
<secureBootCACertificateInfo certificateId="2" serialNumber="NA" countryCode="NA"
state="NA"
locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA" issuerState="NA">
```

```
issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA" validFrom="NA"
validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-2"/>
<secureBootCACertificateInfo certificateId="3" serialNumber="NA" countryCode="NA"
state="NA"
locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA" issuerState="NA"

issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA" validFrom="NA"
validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-3"/>
<secureBootCACertificateInfo certificateId="4" serialNumber="NA" countryCode="NA"
state="NA"
locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA" issuerState="NA"

issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA" validFrom="NA"
validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-4"/>
<secureBootCACertificateInfo certificateId="5" serialNumber="04" countryCode="IN"
state="State"
locality="Locality" organization="ORGCSR" commonName="*Certificate_Name"
issuerCountryCode="US"
issuerState="California" issuerLocality="Newyork" issuerOrganization="Digicert"
issuerCommonName="*Certificate_Name" validFrom="Apr 28 04:25:36 2020 GMT"
validTo="Apr 28 04:25:36 2022 GMT"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-5"/>
<secureBootCACertificateInfo certificateId="6" serialNumber="NA" countryCode="NA"
state="NA"
locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA" issuerState="NA"

issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA" validFrom="NA"
validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-6"/>
<secureBootCACertificateInfo certificateId="7" serialNumber="NA" countryCode="NA"
state="NA" locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA"
issuerState="NA" issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA"
validFrom="NA" validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-7"/>
<secureBootCACertificateInfo certificateId="8" serialNumber="NA" countryCode="NA"
state="NA"
locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA" issuerState="NA"

issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA" validFrom="NA"
validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-8"/>
<secureBootCACertificateInfo certificateId="9" serialNumber="NA" countryCode="NA"
state="NA"
locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA" issuerState="NA"

issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA" validFrom="NA"
validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-9"/>
<secureBootCACertificateInfo certificateId="10" serialNumber="NA" countryCode="NA"
state="NA"
locality="NA" organization="NA" commonName="NA" issuerCountryCode="NA" issuerState="NA"

issuerLocality="NA" issuerOrganization="NA" issuerCommonName="NA" validFrom="NA"
validTo="NA"
dn="sys/rack-unit-1/bios/secure-boot-cert-mgmt/secure-boot-cert-info-10"/>
</outConfigs>
</configResolveClass>
```

リモート Syslog 証明書の管理

セキュア Remotesyslog プライマリ サーバーの設定



(注) セキュア Syslog を有効にするには、TCP プロトコルを設定する必要があります。

TCP プライマリ サーバーでの Syslog の有効化

リクエスト

```
<configConfMo cookie='75060986c1/754a14c8-0b92-4d24-b139-e2905a965c10'
inHierarchical='false'
dn='sys/svc-ext/syslog/client-primary'> <inConfig>
<commSyslogClient name='primary' adminState='enabled'
hostname='10.10.10.10' port='6514' proto='tcp'
dn='sys/svc-ext/syslog/client-primary'> </inConfig> </configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/syslog/client-primary"
cookie="75060986c1/754a14c8-0b92-4d24-b139-e2905a965c10" response="yes">
<outConfig>
<commSyslogClient adminState="enabled" hostname="10.10.10.10"
name="primary" port="6514" proto="tcp" secureEnabled="disabled"
certificatePresence="no" sslHandshakeStatus="NA" adminAction="no-op"
dn="sys/svc-ext/syslog/client-primary" status="modified" >
</commSyslogClient></outConfig>
</configConfMo>
```

セキュリティで保護された Syslog プライマリ サーバーの有効化

リクエスト

```
<configConfMo cookie='ed4af4ede4/00ee6783-cf29-e2e0-c071-63e0dd7fcb41'
dn='sys/svc-ext/syslog/secure-rsyslog' inHierarchical='false'> <inConfig>
<enableSecuredRsyslog adminState='enabled' selectServer='1'
dn='sys/svc-ext/syslog/secure-rsyslog'>
</enableSecuredRsyslog></inConfig></configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/syslog/secure-rsyslog"
cookie="ed4af4ede4/00ee6783-cf29-e2e0-c071-63e0dd7fcb41" response="yes">
<outConfig>
<enableSecuredRsyslog dn="sys/svc-ext/syslog/secure-rsyslog"
adminState="enabled" selectServer="" status="modified" >
</enableSecuredRsyslog></outConfig>
</configConfMo>
```

セキュア Remotesyslog セカンダリ サーバーの設定



(注) セキュア Syslog を有効にするには、TCP プロトコルを設定する必要があります。

TCP セカンダリ サーバーで Syslog を有効にする

リクエスト

```
<configConfMo cookie='ed4af4ede4/00ee6783-cf29-e2e0-c071-63e0dd7fcb41'
  inHierarchical='false' dn='sys/svc-ext/syslog/client-secondary'> <inConfig>
<commSyslogClient name='secondary' adminState='enabled' hostname='10.10.10.11'
port='6514' proto='tcp' dn='sys/svc-ext/syslog/client-secondary' /> </inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/syslog/client-secondary"
cookie="ed4af4ede4/00ee6783-cf29-e2e0-c071-63e0dd7fcb41" response="yes">
<outConfig>
<commSyslogClient adminState="enabled" hostname="10.10.10.11"
name="secondary" port="6514" proto="tcp" secureEnabled="disabled"
certificatePresence="no" sslHandshakeStatus="NA" adminAction="no-op"
dn="sys/svc-ext/syslog/client-secondary" status="modified" >
</commSyslogClient></outConfig>
</configConfMo>
```

セキュア Syslog セカンダリ サーバーの有効化

リクエスト

```
<configConfMo cookie='5116687ea4/19c46c01-58bb-5290-ffd2-db5b37cc7a27'
dn='sys/svc-ext/syslog/secure-rsyslog' inHierarchical='false'> <inConfig>
<enableSecuredRsyslog adminState='enabled'
selectServer='2' dn='sys/svc-ext/syslog/secure-rsyslog'>
</enableSecuredRsyslog></inConfig></configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/syslog/secure-rsyslog"
cookie="5116687ea4/19c46c01-58bb-5290-ffd2-db5b37cc7a27" response="yes">
<outConfig>
<enableSecuredRsyslog dn="sys/svc-ext/syslog/secure-rsyslog"
adminState="enabled" selectServer="" status="modified" >
</enableSecuredRsyslog></outConfig>
</configConfMo>
```


リモート Syslog 証明書のアップロード

リクエスト

```
'<configConfMo
cookie="36f8c563a3/c179b9fb-2364-5356-43cd-0d2349b88d86"
dn="sys/svc-ext/syslog/upload-rsyslog-ca-cert" inHierarchical="false">
<inConfig> <uploadRsyslogCACertificate adminAction="remote-cert-upload"
protocol="scp" remoteServer="10.10.10.10"
remoteFile="/home/xyz/test-cert.pem" user="abc" pwd="password"
selectServer="0" dn="sys/svc-ext/syslog/upload-rsyslog-ca-cert">
</uploadRsyslogCACertificate>
</inConfig> </configConfMo>'
```



(注) パラメータ `selectServer` パラメータには、次の値を使用できます。

- 0 : プライマリおよびセカンダリ サーバーを示します。
- 1 : プライマリ サーバーを示します。
- 2 : セカンダリ サーバーを示します。

レスポンス

```
<configConfMo dn="sys/svc-ext/syslog/upload-rsyslog-ca-cert"
cookie="819016008e/afc70624-ae64-a6ad-a988-8baf2936661a" response="yes">
<outConfig>
<uploadRsyslogCACertificate dn="sys/svc-ext/syslog/upload-rsyslog-ca-cert"
adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
user="" pwd="" selectServer="" certificateContent="Certificate Content"
uploadStatus="COMPLETED" uploadProgress="100%" status="modified" >
</uploadRsyslogCACertificate></outConfig>
</configConfMo>
```

リモート Syslog 証明書の削除

リクエスト

```
'<configConfMo
cookie="a9c67589b4/963bf304-119d-1ed0-933e-0ac907164491"
inHierarchical="false" dn="sys/svc-ext/syslog/delete-rsyslog-ca-cert">
<inConfig> <deleteRsyslogCACertificate
dn="sys/svc-ext/syslog/delete-rsyslog-ca-cert"
adminState="triggered" selectServer="0" >
</deleteRsyslogCACertificate></inConfig> </configConfMo>'
```



(注) パラメータ `selectServer` には、次の値を使用できます。

- 0 : プライマリおよびセカンダリ サーバーを示します。
- 1 : プライマリ サーバーを示します。
- 2 : セカンダリ サーバーを示します。

レスポンス

```
<configConfMo dn="sys/svc-ext/syslog/delete-rsyslog-ca-cert"
cookie="a9c67589b4/963bf304-119d-1ed0-933e-0ac907164491" response="yes">
<outConfig>
<deleteRsyslogCACertificate dn="sys/svc-ext/syslog/delete-rsyslog-ca-cert"
adminState="triggered" selectServer=""
status="modified" ></deleteRsyslogCACertificate></outConfig>
</configConfMo>
```

ネットワークアダプタのプロパティの構成 - 管理リンク トレーニング

外部イーサネット インターフェイスの管理リンク トレーニングの有効化

リクエスト

```
<configConfMo cookie='f9c011ceal/9f019147-a2a6-b2c5-4291-461eb96da395'
inHierarchical='false'
dn='sys/rack-unit-1/adaptor-MLOM/ext-eth-2/link-training'><inConfig><adaptorLinkTraining
adminLinkTraining='on'
dn='sys/rack-unit-1/adaptor-MLOM/ext-eth-2/link-training'></adaptorLinkTraining></inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/rack-unit-1/adaptor-MLOM/ext-eth-2/link-training"
cookie="f9c011ceal/9f019147-a2a6-b2c5-4291-461eb96da395" response="yes">
<outConfig>
<adaptorLinkTraining dn="sys/rack-unit-1/adaptor-MLOM/ext-eth-2/link-training"
adminLinkTraining="On" operLinkTraining="Off" status="modified"
></adaptorLinkTraining></outConfig>
</configConfMo>
```

外部イーサネット インターフェイスの管理 FEC モードの設定

ConfigResolve parent

リクエスト

```
<configResolveParent cookie='df2665019b/db4e749c-cd7e-4510-f9ea-08b5925cb823'
dn='sys/rack-unit-1/adaptor-MLOM/ext-eth-3/link-training'
inHierarchical='true'></configResolveParent>
```

レスポンス

```
<configResolveParent cookie="df2665019b/db4e749c-cd7e-4510-f9ea-08b5925cb823"
response="yes"
dn="sys/rack-unit-1/adaptor-MLOM/ext-eth-3/link-training">
<outConfig>
<adaptorExtEthIf portId="3" ifType="physical" linkState="up"
mac="68:87:C6:BB:32:2F" transport="CE" adminSpeed="Auto" operSpeed="10Gbps"
adminFecMode="c191" operFecMode="Off"
dn="sys/rack-unit-1/adaptor-MLOM/ext-eth-3"><adaptorConnectorInfo
rn="connector-info" present="YES" supported="YES" type="SFP-H10GB-CU3M"
vendor="CISCO-TYCO
" partNumber="1-2053783-2" partRevision="V" /><adaptorLinkTraining
rn="link-training"
adminLinkTraining="Auto" operLinkTraining="Off"/></adaptorExtEthIf></outConfig>
</configResolveParent>
```

ConfigResolve children

リクエスト

```
<configResolveChildren cookie='df2665019b/db4e749c-cd7e-4510-f9ea-08b5925cb823'
dn='sys/rack-unit-1/adaptor-MLOM/ext-eth-1' inHierarchical='false'>
</configResolveChildren>
```

レスポンス

```
<configResolveChildren cookie="df2665019b/db4e749c-cd7e-4510-f9ea-08b5925cb823"
response="yes">
<outConfigs>
<adaptorConnectorInfo dn="sys/rack-unit-1/adaptor-MLOM/ext-eth-1/connector-info"
present="YES" supported="YES" type="SFP-H10GB-CU3M"
" vendor="CISCO-TYCO" partNumber="1-2053783-2"
" partRevision="T" /><adaptorLinkTraining
dn="sys/rack-unit-1/adaptor-MLOM/ext-eth-1/link-training"
adminLinkTraining="Auto" operLinkTraining="Off"/><adaptorPortProfiles
dn="sys/rack-unit-1/adaptor-MLOM/ext-eth-1/port-profiles"
portProfilesCount="0" portProfilesName="" /></outConfigs>
</configResolveChildren>
```

TLS v1.2 および v1.3 の構成

TLS v1.2の有効化

リリース 4.2 (2a) 以降、Cisco IMC は TLS v1.2 の有効化または無効化と、暗号値のカスタマイズをサポートしています。

リクエスト

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="3b09d91cd1/3857fc26-68c5-2cab-412e-1d5f30844ad6"
inHierarchical="false">
<inConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc" tlv2Enabled="enabled"></commTlsConfig>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="3b09d91cd1/3857fc26-68c5-2cab-412e-1d5f30844ad6"
response="yes">
<outConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc" tlv2Enabled="enabled" tlsConfigSupported="TLSv1.2,
TLSv1.3" status="modified"/></outConfig>
</configConfMo>
- validates
```

TLS v1.2 の無効化

リクエスト

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="3cdb71b895/01efdfe4-f375-f886-915c-7fe41fae00e1"
inHierarchical="false">
<inConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc" tlv2Enabled="disabled"></commTlsConfig>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="3cdb71b895/01efdfe4-f375-f886-915c-7fe41fae00e1"
response="yes">
<outConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc" tlv2Enabled="disabled" tlsConfigSupported="
TLSv1.3"
status="modified"/></outConfig>
</configConfMo>
- validates
```

Common Criteria (CC) が有効な場合の TLS v1.2 の無効化

リクエスト

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="016e17cca5/a349db48-8189-4638-f7d0-d656117f7fbb"
inHierarchical="false">
<inConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc" tlv2Enabled="disabled"></commTlsConfig>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="3b09d91cd1/3857fc26-68c5-2cab-412e-1d5f30844ad6"
response="yes">
<outConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc" tlsv2Enabled="disabled"
tlsConfigSupported="TLSv1.3"
status="modified"/></outConfig>
</configConfMo>
- validates
```

TLS v1.2 設定 : 暗号化モード

リクエスト

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="eb14e0ab27/ecbbcfef-d3cf-d714-b2f1-da43214dbe49"
inHierarchical="false">
<inConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc" tlsv2CipherMode="Medium"></commTlsConfig>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="eb14e0ab27/ecbbcfef-d3cf-d714-b2f1-da43214dbe49" response="yes">
<outConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc" tlsv2Enabled="enabled" tlsConfigSupported="TLSv1.2,
TLSv1.3" tlsv2CipherMode="Medium"
tlsv2CipherList="ALL:!DH:!EDH:!ADH:!EXPORT40:!EXPORT56:!LOW:
!RC4:AES128-SHA:AES128:+HIGH:+MEDIUM:+EXP:+eNULL"
tlsv3CipherSuite="TLS_AES_256_GCM_SHA384:TLS_
AES_128_GCM_SHA256:TLS_AES_128_CCM_SHA256:TLS_AES_128_CCM_8_SHA256"
status="modified"/></outConfig>
</configConfMo>
- validates
```

TLS v1.3 暗号スイートの設定

リクエスト

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="273947dce0/d8adb688-6fe7-c8e1-3e11-511f4f99a298"
inHierarchical="false">
<inConfig>
<commTlsConfig dn="sys/svc-ext/tls-svc"
tlsv3CipherSuite="TLS_AES_128_CCM_8_SHA256"></commTlsConfig>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/tls-svc"
cookie="273947dce0/d8adb688-6fe7-c8e1-3e11-511f4f99a298" response="yes">
<outConfig>
```

```
<commTlsConfig dn="sys/svc-ext/tls-svc" tlsv2Enabled="enabled" tlsConfigSupported="TLSv1.2,
TLSv1.3" tlsv2CipherMode="Medium"
tlsv2CipherList="ALL:!DH:!EDH:!ADH:!EXPORT40:!EXPORT56:!LOW:
!RC4:AES128-SHA:AES128:+HIGH:+MEDIUM:+EXP:+eNULL"
tlsv3CipherSuite="TLS_AES_128_GCM_SHA256"
status="modified"/></outConfig>
</configConfMo>
- validates
```

物理 NIC モードの構成

物理 NIC モード設定の有効化

リクエスト

```
"<configConfMo cookie='f893ac28b8/f015e479-9500-f701-fc37-e6cf0d8f2b0a'
dn='sys/rack-unit-1/adaptor-2/general' inHierarchical='true'>
<inConfig> <adaptorGenProfile dn='sys/rack-unit-1/adaptor-2/general'
fipMode='Disabled' vntagMode='Disabled' lldp='Disabled'
portChannelEnable='Disabled' physicalNicMode='enabled' />
</inConfig> </configConfMo>" https://10.10.10.10/nuova -schema
/home/user/xyz/PNMRACK-OUT.xsd-
```

物理 NIC モード設定の表示

リクエスト

```
"<configResolveClass cookie='498cff7c25/a96e84c3-26a2-156c-deaa-39568e365a64'
inHierarchical='true' classId='adaptorGenProfile' />"
https://10.10.10.10/nuova -schema /home/user/xyz/PNMRACK-OUT.xsd -
```

FlexMMC の新しいイメージ ファイルのアップロードとマッピング

認証 Cookie の取得

```
curl -k -X POST -d '<aaaLogin inName="admin" inPassword="password"/>'
https://10.10.10.10/nuova
```

ファイルの IMC パーティションへのアップロード

Cookie を使用して、ファイルを IMC パーティションにアップロードします。

```
curl -k -d '<configConfMo cookie="d6de151e01/fce94609-b178-67ec-779e-c41c566f8e51"
dn="sys/rack-unit-1/board/storage-flexmmc/download-file">
<inConfig><storageFlexMMCDownloadFile
adminAction="download-file" dn="sys/rack-unit-1/board/storage-flexmmc/download-file"
map="nfs" remoteShare="10.10.10.10:/nfsshare" remoteFile="server-CMC.1.1.0.0.iso"
```

```
mountOptions="noauto" location="IMC Images"/> </inConfig> </configConfMo>'
https://10.10.10.10/nuova | xmllint -schema RACK-OUT.xsd -
```

ファイルアップロードステータスの確認

```
curl -k -d '<configResolveClass cookie="d6de151e01/fce94609-b178-67ec-779e-c41c566f8e51"
inHierarchical="false" classId="storageFlexMMCTownloadFile"/>' https://10.10.10.10/nuova
|
xmllint -schema RACK-OUT.xsd -
```

ファイルのマッピング

```
curl -k -d '<configConfMo cookie="d6de151e01/fce94609-b178-67ec-779e-c41c566f8e51"
dn="sys/rack-unit-1/board/storage-flexmmc/file-3"> <inConfig> <storageFlexMMCFile
adminAction="
map-file" dn="sys/rack-unit-1/board/storage-flexmmc/file-3" fileId="3"/> </inConfig>
</configConfMo>' https://10.10.10.10/nuova | xmllint -schema RACK-OUT.xsd -
```

サーバーを再起動し、マップされたデバイスが **F6** に存在することを確認します。

物理ドライブステータス自動構成モードの設定

リリース 4.2(1a) 以降、Cisco IMC は物理ドライブステータスの自動設定モードをサポートします。



(注) このモードは、一部のサーバーでのみ使用できます。

このセクションの例は、Cisco IMC XML API を使用して物理ドライブステータスの自動設定モードを設定する方法を示しています。各例は、XML API リクエストに続き、Cisco IMC からのレスポンスを示しています。

物理ドライブステータスの自動構成モードを有効にするために、storageController 管理対象オブジェクトの下に 2 つの新しい属性が追加されます。

- physicalDriveStatusAutoConfigCapable - 機能を表示する
- physicalDriveStatusAutoConfigMode - 構成された自動構成モードを表示する

コントローラの自動設定機能とモードの詳細の表示

要求

```
curl -k -d '<configResolveClass cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070"
inHierarchical="false" classId="storageController"/>' https://10.10.10.10/nuova
|xmllint -schema conf/platform/m6_platform/RACK-OUT.xsd -
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total     Spent    Left  Speed
100 1251    0 1122 100  129   1120    128  0:00:01  0:00:01  --:--:-- 1122
```

応答

```
<?xml version="1.0"?>
<configResolveClass cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070"
response="yes" classId="storageController">
<outConfigs>
<storageController id="MRAID2" typePlusSlotId="SAS-MRAID2" pid="UCSC-RAID-M6T"
model="Cisco M6 12G SAS RAID Controller with 4GB FBWC (16 Drives)"
productPID="UCSC-RAID-M6T" pciSlot="MRAID2" presence="equipped" raidSupport="yes"
serial="SK94876114" type="SAS" controllerType="RAID" vendor="LSI Logic"
selfEncryptEnabled="no" physicalDriveStatusAutoConfigCapable="yes"
physicalDriveStatusAutoConfigMode="jbod" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-MRAID2"/>
<storageController id="MSTOR-RAID" typePlusSlotId="SATA-MSTOR-RAID"
pid="UCS-M2-HWRAID" model="Cisco Boot optimized M.2 Raid controller"
productPID="UCS-M2-HWRAID" pciSlot="MSTOR-RAID" presence="equipped"
raidSupport="yes" serial="FCH23257H5Q" type="SATA" controllerType="M2HWRAID"
vendor="Marvell" selfEncryptEnabled="no" physicalDriveStatusAutoConfigCapable="no"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-SATA-MSTOR-RAID"/></outConfigs>
</configResolveClass>
- validates
```

自動構成モードの **unconfigured-good** としての構成

要求

```
<configConfMo cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070"
inHierarchical="false" dn="sys/rack-unit-1/board/storage-SAS-MRAID2">
<inConfig>
<storageController dn="sys/rack-unit-1/board/storage-SAS-MRAID2"
adminAction="set-physical-drive-status-auto-config-mode"
physicalDriveStatusAutoConfigMode="unconfigured-good"/>
</inConfig>
</configConfMo>
```

応答

```
<?xml version="1.0"?>
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-MRAID2"
cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070" response="yes">
<outConfig>
<storageController id="MRAID2" typePlusSlotId="SAS-MRAID2"
pid="UCSC-RAID-M6T" model="Cisco M6 12G SAS RAID Controller with 4GB FBWC
(16 Drives)" productPID="UCSC-RAID-M6T" pciSlot="MRAID2" presence="equipped"
raidSupport="yes" serial="SK94876114" type="SAS" controllerType="RAID"
vendor="LSI Logic" selfEncryptEnabled="no"
physicalDriveStatusAutoConfigCapable="yes"
physicalDriveStatusAutoConfigMode="unconfigured-good"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-SAS-MRAID2"
status="modified"/></outConfig>
</configConfMo>
- validates
```

自動構成モードの **JBOD** としての構成

要求

```
<configConfMo cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070"
inHierarchical="false" dn="sys/rack-unit-1/board/storage-SAS-MRAID2">
<inConfig>
<storageController dn="sys/rack-unit-1/board/storage-SAS-MRAID2"
adminAction="set-physical-drive-status-auto-config-mode"
physicalDriveStatusAutoConfigMode="jbod"/>
</inConfig>
</configConfMo>
```


応答

```
<?xml version="1.0"?>
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-MRAID2"
cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070" response="yes">
<outConfig>
<storageController id="MRAID2" typePlusSlotId="SAS-MRAID2"
pid="UCSC-RAID-M6T" model="Cisco M6 12G SAS RAID Controller with 4GB FBWC (16 Drives)"
productPID="UCSC-RAID-M6T" pciSlot="MRAID2" presence="equipped"
raidSupport="yes" serial="SK94876114" type="SAS" controllerType="RAID"
vendor="LSI Logic" selfEncryptEnabled="no" physicalDriveStatusAutoConfigCapable="yes"
physicalDriveStatusAutoConfigMode="jbod" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-MRAID2" status="modified"/></outConfig>
</configConfMo>
- validates
```

自動構成モードの raid0-writeback としての構成**要求**

```
<configConfMo cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070"
inHierarchical="false" dn="sys/rack-unit-1/board/storage-SAS-MRAID2">
  <inConfig>
    <storageController dn="sys/rack-unit-1/board/storage-SAS-MRAID2"
adminAction="set-physical-drive-status-auto-config-mode"
physicalDriveStatusAutoConfigMode="raid0-writeback"/>
  </inConfig>
</configConfMo>
```

応答**サポートされていないコントローラーでの自動構成****要求**

```
<configConfMo cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070"
inHierarchical="false" dn="sys/rack-unit-1/board/storage-SATA-MSTOR-RAID">
  <inConfig>
    <storageController dn="sys/rack-unit-1/board/storage-SATA-MSTOR-RAID"
adminAction="set-physical-drive-status-auto-config-mode"
physicalDriveStatusAutoConfigMode="raid0-writeback"/>
  </inConfig>
</configConfMo>
```

応答

```
<?xml version="1.0"?>
<configConfMo dn="sys/rack-unit-1/board/storage-SATA-MSTOR-RAID"
cookie="c37dd69229/a4ac0b23-62e3-0939-0b82-89adc050f070" response="yes"
errorCode="2999" invocationResult="unidentified-fail"
errorDescr="Invalid request: This storage controller does NOT support
set-physical-drive-status-auto-config-mode operation "/>
- validates
```

MCTP SPDM 証明書管理

リリース 4.2(1a) 以降、Cisco IMC は MCTP SPDM 証明書管理をサポートしています。

このセクションの例は、Cisco IMC XML API を使用して MCTP SPDM 証明書を追加する方法を示しています。各例は、XML API リクエストに続き、Cisco IMC からのレスポンスを示しています。

MCTP SPDM 証明書管理を有効にするために、4 つの新しい管理対象オブジェクトが追加されました。

- mctpCertificateManagement
- uploadEndPointRootCACertificate
- endPointRootCACertificate
- endPointRootCACertificateInfo
- endpoint
- endPointCertificateChain

スロット ID が MRAID のエンドポイントの証明書チェーンの詳細の表示

リクエスト

```
<configResolveClass cookie="1d487631d0/ec28cbcd-91c1-289f-db1a-ee1dce0c23fc"
inHierarchical="false" classId="endPointCertificateChain"/>
```

レスポンス

```
<configResolveClass cookie="1d487631d0/ec28cbcd-91c1-289f-db1a-ee1dce0c23fc"
response="yes" classId="endPointCertificateChain">
  <outConfigs>
    <endPointCertificateChain depth="0" serialNumber="10:03"
countryCode="US" state="Colorado" locality="Colorado Springs"
organization="Broadcom Inc." organizationalUnit="NA" commonName="Aero Device"
issuerCountryCode="US" issuerState="Colorado" issuerLocality="NA"
issuerOrganization="Broadcom Inc." issuerOrganizationalUnit="DCSG"
issuerCommonName="Aero Model" validFrom="Oct 23 01:01:28 2019 GMT"
validTo="Mar 10 01:01:28 2047 GMT" dn="sys/mctp-cert-mgmt/ep-MRAID/cert-chain-0"/>
    <endPointCertificateChain depth="1" serialNumber="10:04"
countryCode="US" state="Colorado" locality="NA" organization="Broadcom Inc."
organizationalUnit="NA" commonName="Aero Model" issuerCountryCode="US"
issuerState="Colorado" issuerLocality="Colorado Springs"
issuerOrganization="Broadcom Inc." issuerOrganizationalUnit="NA"
issuerCommonName="NA" validFrom="Oct 23 00:36:24 2019 GMT"
validTo="Aug 3 00:36:24 2126 GMT" dn="sys/mctp-cert-mgmt/ep-MRAID/cert-chain-1"/>
    <endPointCertificateChain depth="2"
serialNumber="7C:34:E9:BF:E7:44:CF:F3:17:17:6B:BA:80:AA:23:03:CF:8C:96:F3"
countryCode="US" state="Colorado" locality="Colorado Springs"
organization="Broadcom Inc." organizationalUnit="NA" commonName="NA"
issuerCountryCode="US" issuerState="Colorado" issuerLocality="Colorado Springs"
issuerOrganization="Broadcom Inc." issuerOrganizationalUnit="NA"
issuerCommonName="NA" validFrom="Oct 23 00:25:13 2019 GMT"
validTo="Apr 29 00:25:13 2129 GMT" dn="sys/mctp-cert-mgmt/ep-MRAID/cert-chain-2"/>
  </outConfigs>
</configResolveClass>
```

TACACS+ 認証の構成

リリース 4.1(3a) 以降、Cisco IMC は Terminal Access Controller Access-Control System Plus (TACACS+) 認証をサポートしています。このセクションの例は、Cisco IMC XML API を使用して TACACS+ 認証を構成する方法を示しています。各例は、XML API 要求に続き、Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

- [aaaTacacsPlus](#) を取得する (19 ページ)
- [aaaTacacsPlusServer](#) の詳細を取得 (19 ページ)
- [aaaTacacsPlus](#) を設定する (20 ページ)
- [aaaTacacsPlusServer](#) を構成する (22 ページ)
- サーバーを削除する (23 ページ)
- [aaaUserAuthPrecedence](#) の詳細を取得する (23 ページ)
- [authPrece](#) の構成 (23 ページ)

aaaTacacsPlus を取得する

リクエスト

```
<configResolveClass cookie="12584ca24b/c72b7605-3c37-3217-dc04-5b9bca663446"
inHierarchical="false" classId="aaaTacacsPlus"/>
```

レスポンス

```
<configResolveClass cookie="12584ca24b/c72b7605-3c37-3217-dc04-5b9bca663446"
response="yes" classId="aaaTacacsPlus">
<outConfigs>
<aaaTacacsPlus dn="sys/tacacs-ext" adminState="enabled" fallbackAuthentication="disabled"
timeout="5"/>
</outConfigs>
</configResolveClass>
```

aaaTacacsPlusServer の詳細を取得

リクエスト

```
<configResolveClass cookie="12584ca24b/c72b7605-3c37-3217-dc04-5b9bca663446"
inHierarchical="false" classId="aaaTacacsPlusServer"/>
```

レスポンス

```
<configResolveClass cookie="12584ca24b/c72b7605-3c37-3217-dc04-5b9bca663446"
response="yes" classId="aaaTacacsPlusServer">
<outConfigs>
<aaaTacacsPlusServer id="1" ipAddress="" port="" key="" adminAction="no-op"
dn="sys/tacacs-ext/server-1"/><aaaTacacsPlusServer id="2" ipAddress="xx.xx.xx.xx"
port="49" key="*****" adminAction="no-op" dn="sys/tacacs-ext/server-2"/>
<aaaTacacsPlusServer id="3" ipAddress="" port="" key="" adminAction="no-op"
dn="sys/tacacs-ext/server-3"/><aaaTacacsPlusServer id="4" ipAddress="" port="" key=""
adminAction="no-op" dn="sys/tacacs-ext/server-4"/><aaaTacacsPlusServer id="5" ipAddress=""
port="" key="" adminAction="no-op" dn="sys/tacacs-ext/server-5"/><aaaTacacsPlusServer
id="6"
ipAddress="10.10.10.10" port="49" key="*****"
adminAction="no-op" dn="sys/tacacs-ext/server-6"/>
</outConfigs>
</configResolveClass>
```

aaaTacacsPlus を設定する

aaaTacacsPlus を構成する

リクエスト

```
<configConfMo cookie="12584ca24b/c72b7605-3c37-3217-dc04-5b9bca663446"
inHierarchical="false" dn="sys/tacacs-ext">
<inConfig>
<aaaTacacsPlus dn="sys/tacacs-ext" adminState="disabled" fallbackAuthentication="enabled"
timeout="180"></aaaTacacsPlus>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/tacacs-ext" cookie="12584ca24b/c72b7605-3c37-3217-dc04-5b9bca663446"
response="yes">
<outConfig>
<aaaTacacsPlus dn="sys/tacacs-ext" adminState="disabled" fallbackAuthentication="enabled"
timeout="180" status="modified"/>
</outConfig>
</configConfMo>
```

aaaTacacsPlus と aaaTacacsPlusServer の両方を設定します

リクエスト

```
<configConfMo cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340"
inHierarchical="true" dn="sys/tacacs-ext">
<inConfig>
<aaaTacacsPlus dn="sys/tacacs-ext" adminState="enabled" fallbackAuthentication="
disabled" timeout="50">
<aaaTacacsPlusServer dn="sys/tacacs-ext/server-1" ipAddress="xx.xx.xx.xx"
port="25" key="server-1"/>
<aaaTacacsPlusServer dn="sys/tacacs-ext/server-2" ipAddress="xx.xx.xx.xx"
port="30" key="server-2"/>
<aaaTacacsPlusServer dn="sys/tacacs-ext/server-3" ipAddress="xx.xx.xx.xx"
port="40" key="server-3"/>
</aaaTacacsPlus>
</inConfig>
```

```
</aaaTacacsPlus>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/tacacs-ext" cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340"
  response="yes">
<outConfig>
<aaaTacacsPlus dn="sys/tacacs-ext" adminState="enabled" fallbackAuthentication="disabled"
  timeout="50" status="modified"><aaaTacacsPlusServer id="1" ipAddress="xx.xx.xx.xx"
  port="25"
  key="*****" adminAction="no-op" rn="server-1" status="modified"/><aaaTacacsPlusServer
  id="2"
  ipAddress="10.10.1.20" port="30" key="*****" adminAction="no-op" rn="server-2"
  status="modified"/><aaaTacacsPlusServer id="3" ipAddress="xx.xx.xx.xx" port="40"
  key="*****" adminAction="no-op" rn="server-3" status="modified"/><aaaTacacsPlusServer
  id="4" ipAddress="" port="" key="" adminAction="no-op" rn="server-4" status="modified"/>
<aaaTacacsPlusServer id="5" ipAddress="" port="" key="" adminAction="no-op" rn="server-5"
  status="modified"/><aaaTacacsPlusServer id="6" ipAddress="xx.xx.xx.xx" port="49"
  key="*****"
  adminAction="no-op" rn="server-6" status="modified"/>
</aaaTacacsPlus>
</outConfig>
</configConfMo>
```

単一のリクエストで追加/変更/削除

リクエスト

```
<configConfMo cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340"
  inHierarchical="true" dn="sys/tacacs-ext">
<inConfig>
<aaaTacacsPlus dn="sys/tacacs-ext" adminState="enabled" fallbackAuthentication="disabled"
  timeout="50">
  <aaaTacacsPlusServer dn="sys/tacacs-ext/server-1" ipAddress="xx.xx.xx.xx" port="25"
  key="server-1"/>
  <aaaTacacsPlusServer dn="sys/tacacs-ext/server-2" ipAddress="xx.xx.xx.xx" port="30"
  key="server-2"/>
  <aaaTacacsPlusServer dn="sys/tacacs-ext/server-3" adminAction="clear"/>
  <aaaTacacsPlusServer dn="sys/tacacs-ext/server-4" ipAddress="xx.xx.xx.xx" port="40"
  key="server-3"/>
</aaaTacacsPlus>
</inConfig>
</configConfMo>
```

レスポンス

```
Response:
<configConfMo dn="sys/tacacs-ext" cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340"
  response="yes">
<outConfig>
<aaaTacacsPlus dn="sys/tacacs-ext" adminState="enabled" fallbackAuthentication="disabled"
  timeout="50" status="modified"><aaaTacacsPlusServer id="1" ipAddress="xx.xx.xx.xx"
  port="25"
```

```

key="*****" adminAction="no-op" rn="server-1" status="modified"/><aaaTacacsPlusServer
id="2"
  ipAddress="xx.xx.xx.xx" port="30" key="*****" adminAction="no-op" rn="server-2"
status="modified"/><aaaTacacsPlusServer id="3" ipAddress="" port="" key=""
adminAction="no-op" rn="server-3" status="modified"/><aaaTacacsPlusServer id="4"
ipAddress="xx.xx.xx.xx" port="40" key="*****" adminAction="no-op" rn="server-4"
status="modified"/><aaaTacacsPlusServer id="5" ipAddress="" port="" key=""
adminAction="no-op" rn="server-5" status="modified"/><aaaTacacsPlusServer id="6"
ipAddress="xx.xx.xx.xx" port="49" key="*****" adminAction="no-op" rn="server-6"
status="modified"/></aaaTacacsPlus>
</outConfig>
</configConfMo>

```

configConfMos を使用して構成する

リクエスト

```

<configConfMos cookie='966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340'
inHierarchical="true" >
<inConfigs>
<pair key='sys/tacacs-ext'>
<aaaTacacsPlus dn="sys/tacacs-ext" adminState="enabled" fallbackAuthentication="disabled"
timeout="50">
<aaaTacacsPlusServer dn="sys/tacacs-ext/server-1" ipAddress="xx.xx.xx.xx" port="25"
key="server-1"/>
<aaaTacacsPlusServer dn="sys/tacacs-ext/server-2" adminAction="clear"/>
</aaaTacacsPlus>
</pair>
</inConfigs>
</configConfMos>

```

レスポンス

```

<configConfMos cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340"
response="yes"><outConfigs><pair key="sys/tacacs-ext"><aaaTacacsPlus dn="sys/tacacs-ext"
adminState="enabled" fallbackAuthentication="disabled" timeout="50" status="modified">
<aaaTacacsPlusServer id="1" ipAddress="xx.xx.xx.xx" port="25" key="*****"
adminAction="no-op" rn="server-1" status="modified"/><aaaTacacsPlusServer id="2"
ipAddress="" port="" key="" adminAction="no-op" rn="server-2" status="modified"/>
<aaaTacacsPlusServer id="3" ipAddress="" port="" key="" adminAction="no-op" rn="server-3"
status="modified"/><aaaTacacsPlusServer id="4" ipAddress="xx.xx.xx.xx" port="40"
key="*****" adminAction="no-op" rn="server-4" status="modified"/><aaaTacacsPlusServer
id="5" ipAddress="" port="" key="" adminAction="no-op" rn="server-5" status="modified"/>
<aaaTacacsPlusServer id="6" ipAddress="xx.xx.xx.xx" port="49" key="*****"
adminAction="no-op" rn="server-6" status="modified"/></aaaTacacsPlus></pair>
<operationStatus>success</operationStatus></outConfigs></configConfMos>

```

aaaTacacsPlusServer を構成する

要求

```

<configConfMo cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340"
inHierarchical="true" dn="sys/tacacs-ext/server-5">
<inConfig>
<aaaTacacsPlusServer dn="sys/tacacs-ext/server-5" ipAddress="xx.xx.xx.xx" port="50"
key="server-5"/>
</inConfig>
</configConfMo>

```

応答

```
<configConfMo dn="sys/tacacs-ext/server-5" cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340" response="yes">
<outConfig>
<aaaTacacsPlusServer id="5" ipAddress="xx.xx.xx.xx" port="50" key="*****"
adminAction="no-op" dn="sys/tacacs-ext/server-5" status="modified"/></outConfig>
</configConfMo>
```

サーバーを削除する

リクエスト

```
<configConfMo cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340"
inHierarchical="true" dn="sys/tacacs-ext/server-x">
<inConfig>
<aaaTacacsPlusServer dn="sys/tacacs-ext/server-x" adminAction="clear"/>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/tacacs-ext/server-5" cookie="966f8cfa3b/ad44b60e-9779-c0c8-f6f0-f8827da7e340" response="yes">
<outConfig>
<aaaTacacsPlusServer id="x" ipAddress="" port="" key="" adminAction="no-op"
dn="sys/tacacs-ext/server-x" status="modified"/></outConfig>
</configConfMo>
```

aaaUserAuthPrecedenceの詳細を取得する

リクエスト

```
<configResolveClass cookie="ea375e792a/efa7af1b-ae9-73c0-d19f-5c26635007f3"
inHierarchical="false" classId="aaaUserAuthPrecedence"/>
```

レスポンス

```
<configResolveClass cookie="ea375e792a/efa7af1b-ae9-73c0-d19f-5c26635007f3"
response="yes" classId="aaaUserAuthPrecedence">
<outConfigs>
<aaaUserAuthPrecedence dn="sys/user-ext/auth-precedence" authPrecedence1="tacacs-user-db"
authPrecedence2="local-user-db" authPrecedence3="ldap-user-db"/>
</outConfigs>
</configResolveClass>
```

authPreceの構成

authPreceの構成

リクエスト

```
<configConfMo cookie="c6a92c0169/c0bc57b5-4a92-47f5-9117-00411dc166e8"
inHierarchical="false" dn="sys/user-ext/auth-precedence">
<inConfig>
<aaaUserAuthPrecedence dn="sys/user-ext/auth-precedence" authPrecedence1="tacacs-user-db"
```

```
authPrecedence3="ldap-user-db"></aaaUserAuthPrecedence>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/user-ext/auth-precedence" cookie="c6a92c0169/c0bc57b5-4a92-47f5-9117-00411dc166e8" response="yes">
<outConfig>
<aaaUserAuthPrecedence dn="sys/user-ext/auth-precedence" authPrecedence1="tacacs-user-db"
authPrecedence2="local-user-db" authPrecedence3="ldap-user-db" status="modified"/>
</outConfig>
</configConfMo>
```

HTTP サービスおよび HTTPS サービスの構成

リリース 4.1(3a)以降、Cisco IMC は通信用の HTTP サービスをサポートしています。このセクションの例は、Cisco IMC XML API を使用して HTTP サービスを設定する方法を示しています。各例は、XML API 要求に続き、Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

- [HTTP および HTTPS の詳細の取得 \(24 ページ\)](#)
- [HTTP の有効化 \(25 ページ\)](#)

HTTP および HTTPS の詳細の取得

HTTP の詳細を取得する

```
<configResolveClass cookie="ed70e99f8c/ad1478bf-2f69-94e3-853a-bae5f226ce1f"
inHierarchical="false" classId="commHttp"/>
```

応答

```
<configResolveClass cookie="ed70e99f8c/ad1478bf-2f69-94e3-853a-bae5f226ce1f"
response="yes" classId="commHttp"> <outConfigs> <commHttp dn="sys/svc-ext/http-svc"
adminState="disabled" descr="HTTP Service" name="http" port="80" redirectState="enabled"
sessionTimeout="1800" maximumSessions="4" activeSessions="0" proto="tcp" ></commHttp><
/outConfigs> </configResolveClass>
```

HTTPS の詳細を取得する

```
<configResolveClass cookie="ed70e99f8c/ad1478bf-2f69-94e3-853a-bae5f226ce1f"
inHierarchical="false" classId="commHttps"/>
```

応答

```
<configResolveClass cookie="ed70e99f8c/ad1478bf-2f69-94e3-853a-bae5f226ce1f"
response="yes" classId="commHttps"> <outConfigs> <commHttps dn="sys/svc-ext/https-svc"
adminState="enabled" descr="Secure HTTP Service" name="https" port="443"
sessionTimeout="1800" maximumSessions="4" activeSessions="1" proto="tcp" >
</commHttps></outConfigs> </configResolveClass>
```


HTTPの有効化

HTTPSが有効なときのHTTPの有効化

```
<configConfMo cookie="ed70e99f8c/ad1478bf-2f69-94e3-853a-bae5f226ce1f"
inHierarchical="false" dn="sys/svc-ext/http-svc">
<inConfig>
<commHttp dn="sys/svc-ext/http-svc" adminState="enabled" ></commHttp>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/svc-ext/http-svc"
cookie="ed70e99f8c/ad1478bf-2f69-94e3-853a-bae5f226ce1f"
response="yes">
<outConfig>
<commHttp dn="sys/svc-ext/http-svc" adminState="enabled" descr="HTTP Service"
name="http" port="80" redirectState="enabled" sessionTimeout="1800" maximumSessions="4"

activeSessions="1" proto="tcp" status="modified" ></commHttp></outConfig>
</configConfMo>
```

HTTP ブート デバイスの構成

リリース 4.1 (3b) 以降、Cisco IMC は HTTP ブート機能をサポートしています。HTTP ブートは、UEFI ブート モードでのみサポートされます。

このセクションの例は、Cisco IMC XML API を使用して HTTP ブート デバイスを設定する方法を示しています。各例は、XML API リクエストに続き、Cisco IMC からのレスポンスを示しています。

特定のパラメータを使用せずに HTTP ブート デバイスを構成する

リクエスト

```
<configConfMo cookie="6b3d5c4773/1652fca0-2e3e-a98b-0a4a-2e2c359e6f1b"
inHierarchical="false" dn="sys/rack-unit-1/boot-precision/http-http_test">
<inConfig>
<lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_test" state="enabled" />
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/rack-unit-1/boot-precision/http-http_test"
cookie="6b3d5c4773/1652fca0-2e3e-a98b-0a4a-2e2c359e6f1b" response="yes">
<outConfig>
<lsbootHttp name="http_test" type="HTTP" order="1" state="Enabled"
dn="sys/rack-unit-1/boot-precision/http-http_test" status="modified"/></outConfig>
</configConfMo>
- validates
```

DHCP に必要なパラメータを使用した HTTP ブート デバイスの構成

リクエスト

```
<configConfMo cookie="6b3d5c4773/1652fca0-2e3e-a98b-0a4a-2e2c359e6f1b"
inHierarchical="false" dn="sys/rack-unit-1/boot-precision/http-http_test">
  <inConfig>
    <lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_test" state="enabled"
slot="10" port="10" macAddress="ab:cd:ef:ac:df:ad" ipConfigType="DHCP"/>
  </inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/rack-unit-1/boot-precision/http-http_test"
cookie="6b3d5c4773/1652fca0-2e3e-a98b-0a4a-2e2c359e6f1b" response="yes">
  <outConfig>
    <lsbootHttp name="http_test" type="HTTP" macAddress="ab:cd:ef:ac:df:ad" slot="10"
port="10" order="1" state="Enabled" ipConfigType="DHCP"
dn="sys/rack-unit-1/boot-precision/http-http_test" status="modified"/>
  </outConfig>
</configConfMo>
- validates
```

HTTP ブート デバイスの詳細の表示

リクエスト

```
curl -k -d '<configResolveClass cookie="11470293a5/d2941a5c-b0a1-2f77-c102-a823394633f7"
inHierarchical="false" classId="lsbootHttp"/>' https://10.10.10/nuova | xmllint
-schema conf/common/RACK-OUT.xsd -
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 663 0 541 100 122 142 32 0:00:03 0:00:03 ---:---:-- 142
```

レスポンス

```
<?xml version="1.0"?>
<configResolveClass cookie="11470293a5/d2941a5c-b0a1-2f77-c102-a823394633f7" response="yes"
classId="lsbootHttp">
  <outConfigs>
    <lsbootHttp name="http_test" type="HTTP" macAddress="aa:aa:aa:aa:aa:aa" iptype="IPv6"
slot="10" port="10" order="1" state="Enabled" ipConfigType="Static" uri="http://cisco.com"
ipaddress="2001:420:5446:2014::330:12" netmaskOrIPv6Prefix="64"
gateway="2001:420:5446:2014::330:1" dnserver="2001:420:c0e0:1008::118"
dn="sys/rack-unit-1/boot-precision/http-http_test"/></outConfigs>
</configResolveClass>
- validates
```

HTTP ブート デバイスの変更

リクエスト

```
<configConfMo cookie="54127d7d5d/84476585-7e70-2981-7e66-82b487981198"
inHierarchical="false" dn="sys/rack-unit-1/boot-precision">
  <inConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" rebootOnUpdate="no">
      <lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_test" state="enabled"
slot="L" port="20" macAddress="ab:cd:ca:ac:df:ad" ipConfigType="DHCP" />
    </lsbootDevPrecision>
  </inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="54127d7d5d/84476585-7e70-2981-7e66-82b487981198" response="yes">
  <outConfig>
```

```

        <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
        purpose="operational" rebootOnUpdate="no" reapply="no" configuredBootMode="Uefi"
        lastConfiguredBootOrderSource="BIOS" status="modified"/>
    </outConfig>
</configConfMo>
- validates

```

静的に必要なパラメータを使用した IP タイプ IPv4 および IPv6 の HTTP ブート デバイスの構成 リクエスト

```

<configConfMo cookie="c95a430d80/8cac361a-46de-1814-17b5-840d22b24b46"
inHierarchical="true" dn="sys/rack-unit-1/boot-precision">
    <inConfig>
        <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" rebootOnUpdate="no">
            <lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_test" state="enabled"
            slot="L" port="20" macAddress="ab:cd:ca:ac:df:ad" ipConfigType="Static"
            ipAddress="2001:420:5446:2014::330:12" netmaskOrIPv6Prefix="128"
            gateway="2001:420:5446:2014::330:1" dnsserver="2001:420:c0e0:1008::118" iptype="IPv6"
            uri="http://cisco.com/a.iso"/>
            <lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_MLOM" state="enabled"
            slot="MLOM" port="10" macAddress="aa:aa:aa:aa:aa:aa" ipConfigType="Static"
            uri="http://cisco.com/b.iso" iptype="IPv4" ipAddress="10.1.1.10"
            netmaskOrIPv6Prefix="255.255.255.0" gateway="10.1.1.1" dnsserver="10.20.20.1"/>
        </lsbootDevPrecision>
    </inConfig>
</configConfMo>

```

レスポンス

Response:

```

<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="c95a430d80/8cac361a-46de-1814-17b5-840d22b24b46" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
purpose="operational" rebootOnUpdate="no" reapply="no" configuredBootMode="Legacy"
lastConfiguredBootOrderSource="CIMC" status="modified"><lsbootHttp name="http_test"
type="HTTP" macAddress="ab:cd:ca:ac:df:ad" iptype="IPv6" slot="L" port="20" order="1"
state="Enabled" ipConfigType="Static" uri="http://cisco.com/a.iso"
ipAddress="2001:420:5446:2014::330:12" netmaskOrIPv6Prefix="128"
gateway="2001:420:5446:2014::330:1" dnsserver="2001:420:c0e0:1008::118" rn="http-http_test"
status="modified"/><lsbootHttp name="http_MLOM" type="HTTP" macAddress="aa:aa:aa:aa:aa:aa"
iptype="IPv4" slot="MLOM" port="10" order="2" state="Enabled" ipConfigType="Static"
uri="http://cisco.com/b.iso" ipAddress="10.1.1.10" netmaskOrIPv6Prefix="255.255.255.0"
gateway="10.1.1.1" dnsserver="10.20.20.1" rn="http-http_MLOM"
status="modified"/></lsbootDevPrecision></outConfig>
</configConfMo>
- validates

```

親と子の階層で構成する

リクエスト

```

<configConfMo cookie="54127d7d5d/84476585-7e70-2981-7e66-82b487981198"
inHierarchical="false" dn="sys/rack-unit-1/boot-precision">
    <inConfig>
        <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" rebootOnUpdate="no">
            <lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_test" state="enabled"
            slot="10" port="10" macAddress="ab:cd:ef:ac:df:ad" ipConfigType="DHCP" />
        </lsbootDevPrecision>
    </inConfig>
</configConfMo>

```

レスポンス

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="54127d7d5d/84476585-7e70-2981-7e66-82b487981198" response="yes">
  <outConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
purpose="operational" rebootOnUpdate="no" reapply="no" configuredBootMode="Uefi"
lastConfiguredBootOrderSource="BIOS" status="modified"/>
  </outConfig>
</configConfMo>
- validates
```

静的に必要なパラメータを使用した IP タイプ IPv4 および IPv6 の HTTP ブート デバイスの変更

リクエスト

```
<configConfMo cookie="c95a430d80/8cac361a-46de-1814-17b5-840d22b24b46"
inHierarchical="true" dn="sys/rack-unit-1/boot-precision">
  <inConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" rebootOnUpdate="no">
      <lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_test" state="enabled"
slot="L" port="20" macAddress="ab:cd:ca:ac:df:ad" ipConfigType="Static"
ipaddress="2001:420:5446:2014::330:13" netmaskOrIPv6Prefix="64"
gateway="2001:420:5446:2014::330:2" dnserver="2001:420:c0e0:1008::120" iptype="IPv6"
uri="http://cisco.com/c.iso"/>
      <lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_MLOM" state="enabled"
slot="MLOM" port="10" macAddress="aa:aa:aa:aa:aa:aa" ipConfigType="Static"
uri="http://cisco.com/b.iso" iptype="IPv4" ipaddress="10.1.1.20"
netmaskOrIPv6Prefix="255.255.255.0" gateway="10.1.1.2" dnserver="10.20.20.2"/>
    </lsbootDevPrecision>
  </inConfig>
</configConfMo>
```

レスポンス

```
<?xml version="1.0"?>
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="c95a430d80/8cac361a-46de-1814-17b5-840d22b24b46" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
purpose="operational" rebootOnUpdate="no" reapply="no" configuredBootMode="Legacy"
lastConfiguredBootOrderSource="CIMC" status="modified"><lsbootHttp name="http_test"
type="HTTP" macAddress="ab:cd:ca:ac:df:ad" iptype="IPv6" slot="L" port="20" order="1"
state="Enabled" ipConfigType="Static" uri="http://cisco.com/c.iso"
ipaddress="2001:420:5446:2014::330:13" netmaskOrIPv6Prefix="64"
gateway="2001:420:5446:2014::330:2" dnserver="2001:420:c0e0:1008::120" rn="http-http_test"
status="modified"/><lsbootHttp name="http_MLOM" type="HTTP" macAddress="aa:aa:aa:aa:aa:aa"
iptype="IPv4" slot="MLOM" port="10" order="2" state="Enabled" ipConfigType="Static"
uri="http://cisco.com/b.iso" ipaddress="10.1.1.20" netmaskOrIPv6Prefix="255.255.255.0"
gateway="10.1.1.2" dnserver="10.20.20.2" rn="http-http_MLOM"
status="modified"/></lsbootDevPrecision></outConfig>
</configConfMo>
- validates
```

ブート デバイスの削除

リクエスト

```
<configConfMo cookie="54127d7d5d/84476585-7e70-2981-7e66-82b487981198"
inHierarchical="false" dn="sys/rack-unit-1/boot-precision">
  <inConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" rebootOnUpdate="no">
```

```
<lsbootHttp dn="sys/rack-unit-1/boot-precision/http-http_test" status="deleted"/>
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="54127d7d5d/84476585-7e70-2981-7e66-82b487981198" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
purpose="operational" rebootOnUpdate="no" reapply="no" configuredBootMode="Uefi"
lastConfiguredBootOrderSource="BIOS" status="modified"/></outConfig>
</configConfMo>
- validates
```

SSH キーの設定

ユーザーの SSH キーの設定をサポートするために、Cisco IMC 4.1.2 XML API は新しい管理対象オブジェクト **aaaUserSSHKey** を提供します。この新しい管理対象オブジェクトは、**DN - sys/user-ext/user-1/ssh-key-1** で使用できます。

このセクションの例では、Cisco IMC XML API を使用して SSH キーを構成する方法を示します。各例は、XML API 要求に続き、Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

- [ユーザー 1 の content-key-upload を使用した SSH キー インデックス 1 の構成 \(29 ページ\)](#)
- [ユーザー 1 の SSH キー インデックス 1 の削除 \(30 ページ\)](#)
- [リモート ロケーションからのユーザー 1 の SSH キー 2 の構成 \(30 ページ\)](#)
- [content-key-upload で configConfMos を使用して SSH キー 2 を構成する \(31 ページ\)](#)
- [configConfMos を使用したユーザー 1 の SSH キー 2 の削除 \(31 ページ\)](#)
- [リモート ロケーションからのユーザー 1 の configConfMos を使用して SSH キー 2 を構成する \(32 ページ\)](#)

ユーザー 1 の content-key-upload を使用した SSH キー インデックス 1 の構成

要求:

```
<configConfMo cookie="55a599cb83/75867bc0-8528-e91e-da88-8ec6a98b9f1f"
inHierarchical="false" dn="sys/user-ext/user-1/ssh-key-1">
<inConfig>
<aaaUserSSHKey dn="sys/user-ext/user-1/ssh-key-1"
adminAction="content-key-upload"
sshKey="ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQD8byYqBdnio8+Zo0dH3/
4PiyvXWBVEkOG2VvHcM294rQIjU16wjc/Kpcxy/
cit14N86+rVSIk+C2ud001Ixz1br8EFpeRJ5Q645c2qbiLS0yLcTT6deLWL28SPcGZ9R1Hsit6+xGPuhcIEq79Wf1/
ciYcGRbdX5CyDcH7qFYivc6F+WrsfzDFJa0F/
SicoLUaJBf20LVgQV1aV8gJwtj88xCWmZ9GofuLIVwvF9c+TqGPxeYwf+Nzt7eQy5j+pHrx/
VKG509hz+qjC966BzKXq25Bifwms1ZoDY49p9DkpOB/Qrr+Com/
HpHez6oozAJizXva61P7+/1m7WkbUJyxR jdakua@IPv6Setup"></aaaUserSSHKey>
```

```
</inConfig>
</configConfMo>
```

応答:

```
<?xml version="1.0"?>
<configConfMo dn="sys/user-ext/user-1/ssh-key-1"
cookie="55a599cb83/75867bc0-8528-e91e-da88-8ec6a98b9f1f" response="yes">
<outConfig>
<aaaUserSSHKey id="1"
sshKey="ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQD8byYqBdnio8+Zo0dH3/
4PiyvXWBVEkOG2VvHcM294rQIjU16wjc/Kpcxy/
cit14N86+rVSIk+C2ud001Ixzlbr8EFpeRJ5Q645c2qbiLS0yLcTT6deLWL28SPcGZ9R1Hsit6+xGPuhcIEq79Wf1/
ciYcGRbdX5CyDcH7qFYivc6F+WrsfzDFJa0F/
SicoLUaJBf2OLVgQVlaV8gJwjt88xCWmZ9GofuLIVvwF9c+TqGPxeYwf+Nzt7eQy5j+pHrx/
VKG509hz+qjC966BzKXq25BifwmS1ZoDY49p9DkpOB/Qrr+Com/
HpHez6oozAJizXva6lP7+/1m7WkbUJyxR jdakua@IPv6Setup "
adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
user="" pwd="" dn="sys/user-ext/user-1/ssh-key-1" status="modified"/>
</outConfig>
</configConfMo>
- validates
```

ユーザー 1 の SSH キー インデックス 1 の削除

要求:

```
<configConfMo
cookie="14d926a2fd/d58efaf0-0379-22b3-a46a-d707e11a2193"
inHierarchical="false" dn="sys/user-ext/user-1/ssh-key-1">
<inConfig>
<aaaUserSSHKey dn="sys/user-ext/user-1/ssh-key-1"
adminAction="clear" ></aaaUserSSHKey>
</inConfig>
</configConfMo>
```

応答:

```
<?xml version="1.0"?>
<configConfMo dn="sys/user-ext/user-1/ssh-key-1"
cookie="14d926a2fd/d58efaf0-0379-22b3-a46a-d707e11a2193" response="yes">
<outConfig>
<aaaUserSSHKey id="1" sshKey="" adminAction="no-op"
protocol="none" remoteServer="" remoteFile="" user="" pwd=""
dn="sys/user-ext/user-1/ssh-key-1" status="modified"/></outConfig>
</configConfMo>
- validates
```

リモート ロケーションからのユーザー 1 の SSH キー 2 の構成

要求:

```
<configConfMo
cookie="604e5e6b96/ae7ead8c-5694-e797-6b34-9046b12810da"
inHierarchical="false" dn="sys/user-ext/user-1/ssh-key-2">
<inConfig>
<aaaUserSSHKey dn="sys/user-ext/user-1/ssh-key-2"
adminAction="remote-key-upload" protocol="scp"
remoteServer="10.197.125.105" remoteFile="/home/srvatss/publickey.pem"
user="srivatss" pwd="password"></aaaUserSSHKey>
</inConfig>
</configConfMo>
```

応答:

```
<?xml version="1.0"?>
<configConfMo dn="sys/user-ext/user-1/ssh-key-2"
  cookie="604e5e6b96/ae7ead8c-5694-e797-6b34-9046b12810da" response="yes">
  <outConfig>
  <aaaUserSSHKey id="2"
  sshKey="ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDFOK17ZYbMMfGcxGrfxlupMqFy11ZN
  IJohPxAstu410kItF9VrrhrfF1ZKOpogJinx3s0OcPfgLMSWEQkUqlzG1L8rAESZbi6z36WGFz9
  3amJ3nfxDU7JWD9KHmINixpX5XbbZeKQJvfSTptanmkjTQ8sq2iSMK0HL+G35i8BXmwiBLuEM+SWI
  EYjLaDAZ6aLKPxxddTrFxWTP9QpzJafQGLXXZSYauYb6OMNUxjggFtB2XciROZTzcj4n1XQRbzU+
  56HvHmowcOPhO81Btbun+xvksTeXbV3e9DVymjQK1qD2yY5h/EJdC0+9wGPYvmaT2bAOu4HbTsz8
  u4HFkTf jdakua@IPv6Setup "
  adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
  user="" pwd="" dn="sys/user-ext/user-1/ssh-key-2" status="modified"/>
  </outConfig>
</configConfMo>
- validates
```

content-key-upload で configConfMos を使用して SSH キー 2 を構成する

要求:

```
<configConfMos
  cookie="2f96decb91/c7120c07-b4bb-35e7-c33d-a03dee411971"
  inHierarchical="false">
  <inConfigs>
    <pair key="sys/user-ext/user-1/ssh-key-2">
      <aaaUserSSHKey id="2" rn="ssh-key-2" adminAction="content-key-upload"
      sshKey="ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDQC/
      wh89lwly7q5yMWUQbcZYJiEUOWNjuJlrHmdtn2F1ZyFRdIfEd/
      flgpLST88pK4DAX6eI5fY7/E2HhtTOYoRDVwanvwCy6jx8yYzDoDqioI+S7RBz20urI800
      wp4ofEshAnxJVOqxjGsddk8X8xraCQKEoOpgY8NY4YotEcwm41/
      82cXj65sCiW818Q172oIsDLYSeHalYR6TkBcyEwvnJ1PPqpZNBtki6sWHTvdWcne4g5VGom0C+0sE/
      YmTELQ7XMidlM2eXadW010AyfXZaqWjn4sxCP4IkBg+Un2ip6kZ65yjQe3Kmez4Lxvvp3+rFRB/
      GyxFBEN9OQ4cuz duprasad@cisco.com"></aaaUserSSHKey>
    </pair>
  </inConfigs>
</configConfMos>
```

応答:

```
<?xml version="1.0"?>
<configConfMos cookie="2f96decb91/c7120c07-b4bb-35e7-c33d-a03dee411971"
  response="yes"><outConfigs><pair key="sys/user-ext/user-1/ssh-key-2">
  <aaaUserSSHKey id="2" sshKey="ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDQC/
  wh89lwly7q5yMWUQbcZYJiEUOWNjuJlrHmdtn2F1ZyFRdIfEd/flgpLST88pK4DAX6eI5fY7/
  E2HhtTOYoRDVwanvwCy6jx8yYzDoDqioI+S7RBz20urI800wp4ofEshAnxJVOqxjGsddk8X8xraCQK
  EoOpgY8NY4YotEcwm41/82cXj65sCiW818Q172oIsDLYSeHalYR6TkBcyEwvnJ1PPqpZNBtki6sWHTv
  dWcne4g5VGom0C+0sE/YmTELQ7XMidlM2eXadW010AyfXZaqWjn4sxCP4IkBg+Un2ip6kZ65yjQe3Km
  ez4Lxvvp3+rFRB/GyxFBEN9OQ4cuz duprasad@cisco.com "
  adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
  user="" pwd="" dn="sys/user-ext/user-1/ssh-key-2" status="modified"/>
  </pair><operationStatus>success</operationStatus></outConfigs>
</configConfMos>
- validates
```

configConfMos を使用したユーザー 1 の SSH キー 2 の削除

要求:

```
<configConfMos
  cookie="2f96decb91/c7120c07-b4bb-35e7-c33d-a03dee411971"
  inHierarchical="false">
  <inConfigs>
```

```

    <pair key="sys/user-ext/user-1/ssh-key-2">
      <aaaUserSSHKey id="2" rn="ssh-key-2"
        adminAction="clear" ></aaaUserSSHKey>
    </pair>
  </inConfigs>
</configConfMos>

```

応答 :

```

<?xml version="1.0"?>
<configConfMos cookie="2f96decb91/c7120c07-b4bb-35e7-c33d-a03dee411971"
  response="yes"><outConfigs><pair key="sys/user-ext/user-1/ssh-key-2">
  <aaaUserSSHKey id="2" sshKey="" adminAction="no-op" protocol="none"
    remoteServer="" remoteFile="" user="" pwd=""
    dn="sys/user-ext/user-1/ssh-key-2" status="modified"/></pair>
</operationStatus>success</operationStatus></outConfigs></configConfMos>
- validates

```

リモート ロケーションからのユーザー 1 の `configConfMos` を使用して SSH キー 2 を構成する

要求:

```

<configConfMos
  cookie="2f96decb91/c7120c07-b4bb-35e7-c33d-a03dee411971"
  inHierarchical="false">
  <inConfigs>
    <pair key="sys/user-ext/user-1/ssh-key-2">
      <aaaUserSSHKey dn="sys/user-ext/user-1/ssh-key-2"
        adminAction="remote-key-upload" protocol="scp" remoteServer="10.197.125.105"
        remoteFile="/home/srvatss/publickey1.pem" user="srivatss" pwd="password">
    </aaaUserSSHKey>
    </pair>
  </inConfigs>

```

応答 :

```

<configConfMos
  cookie="2f96decb91/c7120c07-b4bb-35e7-c33d-a03dee411971"
  inHierarchical="false">
  <inConfigs>
    <pair key="sys/user-ext/user-1/ssh-key-2">
      <aaaUserSSHKey dn="sys/user-ext/user-1/ssh-key-2"
        adminAction="remote-key-upload" protocol="scp" remoteServer="10.197.125.105"
        remoteFile="/home/srvatss/publickey1.pem" user="srivatss" pwd="password">
    </aaaUserSSHKey>
    </pair>
  </inConfigs>
</configConfMos>

```

外部証明書の管理

外部証明書と秘密キーのアップロードをサポートするために、Cisco IMC 4.1.2 XML API は、2 つの新しい管理対象オブジェクト、`uploadExternalCertificate` と `uploadExternalPrivateKey` を提供します。これらの新しい管理対象オブジェクトは、それぞれ `sys/cert-mgmt/external-cert-upload` および `sys/cert-mgmt/external-pvt-key-upload` という DN を持つ `certificateManagement` の下で利用できます。

新しい管理対象オブジェクトに加えて、Cisco IMC XML API は、外部証明書をアクティブ化するための追加の属性 **adminAction - activate-external-cert** を提供します。**adminAction** は、certificateManagement MO の一部です。

管理対象の詳細

uploadExternalCertificate の場合：

表 1: **uploadExternalCertificate**

属性	説明
adminAction	次のいずれかを指定します。 <ul style="list-style-type: none"> • remote-cert-upload - テキストをコピーして貼り付けて証明書をアップロードします。 • content-cert-upload - リモートの共有場所から証明書をアップロードします。
protocol	プロトコル (tftp 、 scp 、 sftp 、 ftp および http) を指定して、リモートの場所から証明書をアップロードします。
remote-share	リモート共有を指定します。
remoteFile	外部証明書を含むリモート ファイルを指定します。
user	ユーザー名を指定します (選択したプロトコルが scp/sftp の場合)
pwd	パスワードを指定します (選択したプロトコルが scp/sftp の場合)

uploadExternalPrivateKey の場合：

表 2: **uploadExternalPrivateKey**

属性	説明
adminAction	次のいずれかを指定します。 <ul style="list-style-type: none"> • remote-cert-upload - テキストをコピーアンドペーストして秘密キーをアップロードします。 • content-cert-upload - リモート共有場所から秘密キーをアップロードします。

属性	説明
プロトコル	リモートの場所から秘密キーをアップロードするためのプロトコル (scp および sftp) を指定します。
remoteShare	リモート共有を指定します。
remoteFile	秘密キーを含むリモート ファイルを指定します。
user	ユーザー名を指定します。
pwd	パスワードを指定します。

このセクションの例は、Cisco IMC XML API を使用して外部証明書と秘密キーを設定する方法を示しています。各例は、XML API 要求に続き、Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

- 貼り付けによる外部証明書のアップロードに使用するサンプル [uploadExternalCertificate.xml](#) ファイル (35 ページ)
- 貼り付けによる外部証明書のアップロード (35 ページ)
- リモート サーバーからの外部証明書のアップロードに使用されるサンプル [uploadExternalCertificate.xml](#) ファイル (36 ページ)
- リモート サーバーからの外部証明書のアップロード (36 ページ)
- 貼り付けによる外部秘密キーのアップロードに使用するサンプル [uploadExternalPrivateKey.xml](#) ファイル (36 ページ)
- 貼り付けによる秘密キーのアップロード (37 ページ)
- リモート サーバーからの外部秘密キーのアップロードに使用されるサンプル [uploadExternalPrivateKey.xml](#) ファイル (37 ページ)
- リモート サーバーからの秘密キーのアップロード (37 ページ)
- サンプル [activateExternalCert.xml](#) ファイル (38 ページ)
- [remote-cert-upload](#) を使用した [configConfMos](#) を使用した外部証明書のアップロード (38 ページ)
- [remote-cert-upload](#) を使用した [configConfMos](#) を使用した秘密キーのアップロード (39 ページ)
- [configConfMos](#) を使用した外部証明書のアクティブ化 (39 ページ)

貼り付けによる外部証明書のアップロードに使用するサンプルuploadExternalCertificate.xml ファイル

```
<configConfMo cookie="0154b835ee/21becfc5-f7de-e50d-3d8f-a8368bf4817c"
dn="sys/cert-mgmt/external-cert-upload" inHierarchical="false">
  <inConfig>
    <uploadExternalCertificate adminAction="content-cert-upload"
certificateContent="
-----BEGIN CERTIFICATE-----
MIID8zCCAatugAwIBAgIBBDANBgkqhkiG9w0BAQwFADCBsDELMAkGA1UEBhMCSU4x
EjAQBgNVBAGMCUthcm5hdGFrYTESMBAGAlUEBwwJQmFuZ2Fsb3JlMSQwIgwYDVQK
DBtDaXNjb3RlbnR0ZW1zIEluZGlhIFB2dCBMdGQxGDAWBgNVBAsMD1VDUy1SYWNR
LVNlcnZlcjEwMBQGA1UEAwNQ21zY28gU3lzdGVtczEhMB8GCSGSIb3DQEJARYS
c3JpdmF0c3NAY21zY28uY29tMB4XDTEwMDE4MzA4MjM1NV0XDTIxMDE4MjA4MjM1
NVowBgExCzAJBgNVBAYTAklOMRIwEAYDVQQIEw1LYXJuYXRha2ExEjAQBgNVBAcT
CUJlbmdhbHVydTEkMCIGA1UEChMbQ21zY28gU3lzdGVtcyBmRmR5SBQdnQgTHRk
MRgwFgYDVQLEw9VQ1MtUmFjay1TZXJ2ZXIxFjAUBgNVBAMTDUNpc2NvIFN5YXRl
bXNfMjAgbGkqhkiG9w0BCQWE3NyaXZhdHNzQGhnc2NvLmNvbW0wgwEiMA0GCSqG
SIb3DQEBAQUAA4IBDwAwggEKAoIBAQC6fcG9QISg6t1fi6U3+czmek2LvfhAxSGd
r2g7uMssgdTrBh59TEgZ15aza15zWazm/1i069D6/iabyoli8+MiQAtANnKxqWM3
STeih+3U2jOf39l1lZrAMpd4Ag/OtK5OcUtwUHM52ixm/UU6lgeVPZ5mJpKzq3T
JNcv6TR90K8v0nEILml1lgoA96y64I9YN3ufSE4gm9VOS/sFughmAYErsvgvoJpn
SQZUYxwduEbm4XV48QY7Mc7neUVYCN07TcfBX7DC/N0BHv3h1KhGCCQ+5if63uOh
ja8ahdBoIPJqI0h70a92yBK5lv4dxSHexccw2D40kar4CzfV3qx9AgMBAAGJFTAT
MBEGCWCSSAGG+EIBAQQEAWIGQDANBgkqhkiG9w0BAQwFAAOCAQEAXdVTJevqNyI9
DEVibfjGXiknJ2gEuYr8MdhpdEff/WrsLk7LxhOomVrDZ3iyCX99tNoCIvtOMGns
jOu90EjNtBulOlgdwQ9ugwp/JToohbD+2JHRK/MgrFpZmewH1oKKDNpOdayR6u9m
SNfvMNBgvvg+cMcbkifOpJU3XhlniPF6UVgj/LJDyBSGrULpnyDwToq2UEF6g9Dc
6gOgRGYNHn7MRzigPjTjybJsbxgPQ9C46I3Me9N2sJNaSLSVQhOxW7KonPI6USRs
e2iEAYaaCvThGE4HTWOMF9dJ24inU+SKTcilAFq2+V4I3P9v+aH5ao1H9T/p/AUP
ho6MuZ+wWg==
-----END CERTIFICATE----- "
dn="sys/cert-mgmt/external-cert-upload"/>
  </inConfig>
</configConfMo>
```

貼り付けによる外部証明書のアップロード

要求:

```
curl -k -H "Content-Type: multipart/form-data;" --data-binary
@uploadExternalCertificate.xml https://10.10.10.10/nuova | xmllint --schema
../conf/common/RACK-OUT.xsd -
```

応答:

```
% Total    % Received % Xferd  Average Speed   Time
Time      Time Current Dload Upload Total   Spent   Left  Speed
100 2462    0 451 100 2011    216    965  0:00:02  0:00:02  ---:--:--  965
<?xml version="1.0"?>
<configConfMo dn="sys/cert-mgmt/external-cert-upload"
cookie="86f83c3d04/37903252-df40-8f3c-ea28-038cb3764e8f" response="yes">
<outConfig>
<uploadExternalCertificate dn="sys/cert-mgmt/external-cert-upload"
adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
user="" pwd="" uploadStatus="COMPLETED" uploadProgress="100%"
certificateContent="Certificate Content" status="modified"/></outConfig>
</configConfMo>
- validates
```

リモートサーバーからの外部証明書のアップロードに使用されるサンプル uploadExternalCertificate.xml ファイル

```
<configConfMo cookie="0154b835ee/21becfc5-f7de-e50d-3d8f-a8368bf4817c"
dn="sys/cert-mgmt/external-cert-upload" inHierarchical="false">
  <inConfig>
    <uploadExternalCertificate adminAction="remote-cert-upload" protocol="scp"
      user="srivatss" remoteServer="10.10.10.10"
      remoteFile="/home/srvatss/server.cert" pwd="password"
      dn="sys/cert-mgmt/external-cert-upload"/>
  </inConfig>
</configConfMo>
```

リモートサーバーからの外部証明書のアップロード

要求:

```
curl -k -d@uploadExternalCertificate.xml https://10.10.10.10/nuova | xmllint --schema
../conf/common/RACK-OUT.xsd -
```

応答:

```
% Total      % Received % Xferd Average Speed   Time    Time
Time Current Dload Upload Total   Spent   Left  Speed
100 2381    0 451 100 1930    80   344  0:00:05  0:00:05 ---:---:--  0
<?xml version="1.0"?>
<configConfMo dn="sys/cert-mgmt/external-cert-upload"
cookie="86f83c3d04/37903252-df40-8f3c-ea28-038cb3764e8f" response="yes">
<outConfig>
<uploadExternalCertificate dn="sys/cert-mgmt/external-cert-upload"
adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
user="" pwd="" uploadStatus="COMPLETED" uploadProgress="100%"
certificateContent="Certificate Content" status="modified"/></outConfig>
</configConfMo>
- validates
```

貼り付けによる外部秘密キーのアップロードに使用するサンプル uploadExternalPrivateKey.xml ファイル

```
<configConfMo
cookie="0154b835ee/21becfc5-f7de-e50d-3d8f-a8368bf4817c"
dn="sys/cert-mgmt/external-pvt-key-upload" inHierarchical="false">
  <inConfig>
    <uploadExternalPrivateKey adminAction="content-cert-upload"
      certificateContent="
-----BEGIN RSA PRIVATE KEY-----
MIEoQIBAAKCAQEAAun3BvUCEoOrdX4ulN/nM5npNi734QMuhna9oO7jLLIHU6wYe
fUXIGZeWs2peclmmZv9YjuvQ+v4mm8qYvPjIkALQDZysaljN0k3ooft1Nozn9/Z
SjWawDKXeAIPzrSuTnFLcFBzOdosZv1FOtYHlT2eZiaT5M6t0yTXL+k0fdCvL9Jx
CC5tZYKAPesuuCPWD7n0hOIJvVTkv7BboIZgMmBK7IL4KCaZ0kGVGMChbngZuF1
ePEGozHO53lFWAja003HwV+wwwzdAR794ZSoRggkPuYn+t7joY2vGoXQaCDyaiNI
e9GvdsGsuZb+HcUh3sXHMNg+NJGq+As31UqsfQIDAQABAoH/MSv3aW8ZiVRkCk1H
wvqajCqzR6VPT8SqGknkpm+pVBDrcOUvtKB3Vwxt3FCaUZuw6YyxZig8t/YpSE
pRKpUN6SGNxCYZXIE0u635/3lafy9LSRFhJc01EbnwjsIhSB4Sz+Nx7/QsHD82PU
XS8R0MfufACv/iSAsKuGEZvru0BWexDlycojGTRhGqWZGzsN6ncsbhQ0kItC0Pv
Ycx+9NeKfGwO+P9NwyWwaKW9M4nOyx3/MviMx9QRbnjgxrTj+A0aBUEzgdZOf
WCJ/L1SbHmJ46HYZOILL4KDBbow/c7al2JcFWn01m33qNCRWdkb5H+1UZA+el7g
XnxDAoGBALzBdW26GGIZjj42Ayr9PAXFs08n0MonqVHRlRtVxeuLOvHYdD9HzgkH
CFXA0IGmNk/1RuwEARx6U6ezSP6z7za9B63MsKE7t3Vs28/OJg14KptRftGKUIbZ
NRf1o3J7VUf9mYk9u3pc/PJ8oVweFoml/SwRTDvZyUn5WRLq7zJ3AoGBAPzt24M
qjOGcbqa7U5pUM+9bD9eGPxrGranF1Dp79eobG+9kva286c1p0Yr5XrNsQpx42Q6
RjLBVEwrB03D7X9UIOaAgyaDbDMbIeAcRqOC9qpLDUXrPMVrdvVhtcPrKs8VAp4
```

```

h0le6zYKMSHMXDExhH3EHaQ7aVOQRpt5GoGrAoGBAKBX1ue3TK9I9kRyrY4/QFXG
8d62++4+ct9GI1Z+uKq2w4PeVCHNZYDVSIboHDeGcmzJ901WutxRLe8vpbp4L6VY
PsWtNV+k0tuldaS5gim/ArKeMBTgYjerHCcWS5pcmr1k+KBVCIWRqG504L3X8V1M
3BwrNY9CGnP01W401K1RAoGASikuII22JA6Pqjdi/WrDlyWjz7EfgmO1IYk8cd0m
BgXMRbdAMDbUml3f/iNA1hEZqAZctjafhKhLH0o+if641GzGeM+VpYIGIaD08awn
fbHIqASSgb6/4UCqCZtCPizKYkMWITvVPNgN/2BdqYM6RPJP9tBaIJ2K9IWJLm0D
6KECgYB9rmj/8YW7Rz1Isfg7JhK32p7LC+5xSSbpxQc8s/3PftZ5uQnsXXHoZJ0H
cfA4mbj4nttyFwX+kuUpQdG/ZhoJ/SDqE5lvzVM4stMRKFEJq8ksld+KGGzLFEkj
OotvpQor5dHHU46IIu9tv5ctrJImMjSM7wro26kW2EE3UzZMYw==
-----END RSA PRIVATE KEY----- "
dn="sys/cert-mgmt/external-pvt-key-upload"/>
  </inConfig>
</configConfMo>

```

貼り付けによる秘密キーのアップロード

要求:

```

curl -k -H "Content-Type: multipart/form-data;
" --data-binary @uploadExternalPrivateKey.xml
https://10.10.10.10/nuova | xmllint --schema ../conf/common/RACK-OUT.xsd -

```

応答:

```

% Total      % Received % Xferd  Average Speed   Time    Time
Time Current Dload Upload   Total    Spent    Left  Speed
100 2715    0  455 100 2260    109    542  0:00:04  0:00:04  ---:--:--  542
<?xml version="1.0"?>
<configConfMo dn="sys/cert-mgmt/external-pvt-key-upload"
cookie="86f83c3d04/37903252-df40-8f3c-ea28-038cb3764e8f" response="yes">
<outConfig>
<uploadExternalPrivateKey dn="sys/cert-mgmt/external-pvt-key-upload"
adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
user="" pwd="" uploadStatus="COMPLETED" uploadProgress="100%"
certificateContent="Certificate Content" status="modified"/></outConfig>
</configConfMo>
- validates

```

リモートサーバーからの外部秘密キーのアップロードに使用されるサンプル uploadExternalPrivateKey.xml ファイル

```

<configConfMo
cookie="0154b835ee/21becfc5-f7de-e50d-3d8f-a8368bf4817c"
dn="sys/cert-mgmt/external-pvt-key-upload" inHierarchical="false">
  <inConfig>
<uploadExternalPrivateKey adminAction="remote-cert-upload"
protocol="scp" user="srivatss" remoteServer="10.10.10.10"
remoteFile="/home/srivatss/wildcard.pem" pwd="password"
dn="sys/cert-mgmt/external-pvt-key-upload"/>
  </inConfig>
</configConfMo>

```

リモートサーバーからの秘密キーのアップロード

要求:

```

curl -k -d@uploadExternalPrivateKey.xml https://10.10.10.10/nuova | xmllint --schema
../conf/common/RACK-OUT.xsd -

```

応答:

```

% Total      % Received % Xferd  Average Speed   Time    Time
Time Current Dload Upload   Total   Spent    Left  Speed
100 2621    0  455 100  2166     63    302  0:00:07  0:00:07  --:--:--    0
<?xml version="1.0"?>
<configConfMo dn="sys/cert-mgmt/external-pvt-key-upload"
cookie="86f83c3d04/37903252-df40-8f3c-ea28-038cb3764e8f" response="yes">
<outConfig>
<uploadExternalPrivateKey dn="sys/cert-mgmt/external-pvt-key-upload"
adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
user="" pwd="" uploadStatus="COMPLETED" uploadProgress="100%"
certificateContent="Certificate Content" status="modified"/></outConfig>
</configConfMo>
- validates

```

サンプル activateExternalCert.xml ファイル

```

<configConfMo
cookie="0154b835ee/21becfc5-f7de-e50d-3d8f-a8368bf4817c"
inHierarchical="false">
  <inConfig>
    <certificateManagement adminAction="activate-external-cert"
dn="sys/cert-mgmt"/>
  </inConfig>
</configConfMo>

```

外部証明書の有効化

要求:

```

curl -k -d@activateExternalCert.xml https://10.10.10.10/nuova |
xmllint --schema ../conf/common/RACK-OUT.xsd -

```

応答 :

```

% Total      % Received % Xferd  Average Speed   Time    Time
Time Current Dload Upload   Total   Spent    Left  Speed
100  580    0  347 100  233     85     57  0:00:04  0:00:04  --:--:--   85
<?xml version="1.0"?>
<configConfMo dn="" cookie="86f83c3d04/37903252-df40-8f3c-ea28-038cb3764e8f"
response="yes">
<outConfig>
<certificateManagement dn="sys/cert-mgmt" description="Certificate Management"
externalCertificate="Not Available" externalPrivateKey="Not Available"
adminAction="no-op" status="modified"/></outConfig>
</configConfMo>
- validates

```

remote-cert-upload を使用した configConfMos を使用した外部証明書のアップロード

要求:

```

<configConfMos
cookie="d6cfaced6/9fe756e9-50c5-c0c4-b29a-130160933259"
inHierarchical="false">
  <inConfigs>
    <pair key="sys/cert-mgmt/external-cert-upload">
      <uploadExternalCertificate adminAction="remote-cert-upload"
protocol="scp" user="amkalyan" remoteServer="10.10.10.10"
remoteFile="/home/amkalyan/Cert_Mgmt/wildcard.crt" pwd="password"
dn="sys/cert-mgmt/external-cert-upload"/>
    </pair>
  </inConfigs>
</configConfMos>

```

応答 :

```
<configConfMos
cookie="d6cfaced6/9fe756e9-50c5-c0c4-b29a-130160933259" response="yes">
  <outConfigs>
    <pair key="sys/cert-mgmt/external-cert-upload">
      <uploadExternalCertificate dn="sys/cert-mgmt/external-cert-upload"
adminAction="no-op" protocol="none" remoteServer="" remoteFile="" user=""
pwd="" uploadStatus="UPLOADING" uploadProgress="25%"
certificateContent="Certificate Content" status="modified"/>
    </pair>
    <operationStatus>success</operationStatus>
  </outConfigs>
</configConfMos>
```

remote-cert-upload を使用した configConfMos を使用した秘密キーのアップロード

要求:

```
<configConfMos cookie="d6cfaced6/9fe756e9-50c5-c0c4-b29a-130160933259"
inHierarchical="false">
  <inConfigs>
    <pair key="sys/cert-mgmt/external-pvt-key-upload">
      <uploadExternalPrivateKey adminAction="remote-cert-upload" protocol="scp"
user="amkalyan" remoteServer="10.225.121.139"
remoteFile="/home/amkalyan/Cert_Mgmt/wildcard.pem" pwd="password"
dn="sys/cert-mgmt/external-pvt-key-upload"/>
    </pair>
  </inConfigs>
</configConfMos>
```

応答 :

```
<configConfMos
cookie="d6cfaced6/9fe756e9-50c5-c0c4-b29a-130160933259"
response="yes">
  <outConfigs>
    <pair key="sys/cert-mgmt/external-pvt-key-upload">
      <uploadExternalPrivateKey dn="sys/cert-mgmt/external-pvt-key-upload"
adminAction="no-op" protocol="none" remoteServer="" remoteFile=""
user="" pwd="" uploadStatus="UPLOADING" uploadProgress="25%"
certificateContent="Certificate Content" status="modified"/>
    </pair>
    <operationStatus>success</operationStatus>
  </outConfigs>
</configConfMos>
```

configConfMos を使用した外部証明書のアクティブ化

要求:

```
<configConfMos
cookie="d6cfaced6/9fe756e9-50c5-c0c4-b29a-130160933259"
inHierarchical="false">
  <inConfigs>
    <pair key="sys/cert-mgmt">
      <certificateManagement adminAction="activate-external-cert"
dn="sys/cert-mgmt"/>
    </pair>
  </inConfigs>
</configConfMos>
```

応答 :

```

<configConfMos
cookie="d6cfaced6/9fe756e9-50c5-c0c4-b29a-130160933259"
response="yes">
  <outConfigs>
    <pair key="sys/cert-mgmt">
      <certificateManagement dn="sys/cert-mgmt"
description="Certificate Management"
externalCertificate="Not Available" externalPrivateKey="Not Available"
adminAction="no-op" status="modified"/>
    </pair>
    <operationStatus>success</operationStatus>
  </outConfigs>
</configConfMos>

```

非 IPMI ユーザー モードの構成と仮想メディア XML API の例

ここでは、Cisco IMC 4.1 XML API を使用して非 IPMI ユーザー モードのタスクを実行する例を記載します。この例では、仮想メディア (vMedia) を構成および表示する方法も示しています。各例は、XML API 要求に続き、Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

- [新規ユーザーの追加 \(40 ページ\)](#)
- [ユーザー モードの IPMI としての設定 \(41 ページ\)](#)
- [ユーザー モードの非 IPMI としての設定 \(41 ページ\)](#)
- [CIFS プロトコルによる読み取り/書き込み権限を持つ共有の作成 \(41 ページ\)](#)
- [サーバーでの vMedia マッピングの表示 \(41 ページ\)](#)

新規ユーザーの追加

リクエスト :

```

<configResolveClass cookie="300e98a8dd/cfd410f3-1ba2-8e0a-0a11-fc4e8180369b"
inHierarchical="false" classId="aaaUserPolicy"/>

```

レスポンス :

```

<configResolveClass cookie="300e98a8dd/cfd410f3-1ba2-8e0a-0a11-fc4e8180369b" response="yes"
classId="aaaUserPolicy"> <outConfigs> <aaaUserPolicy dn="sys/user-ext/policy"
userPasswordPolicy="enabled" passwordPolicyRules="Rules to set the password when
userPasswordPolicy is enabled. 1) The password must have a minimum of 8 and a maximum
of 20 characters for for IPMI user mode and 127 characters for Non-IPMI user mode. 2)
The password must not contain the User's Name. 3) The password must contain characters
from three of the following four categories. a) English uppercase characters (A through
Z). b) English lowercase characters (a through z). c) Base 10 digits (0 through 9). d)
Non-alphabetic characters (!, @, #, $, %, ^, ampersand, *, -, _, +, =)."
```


ユーザーモードのIPMIとしての設定

リクエスト :

```
<configConfMo cookie="05c78bald9/42fdaf5d-43c7-8227-f561-82f4bb76abc2"
inHierarchical="false" dn="sys/user-ext/policy">
  <inConfig>
    <aaaUserPolicy userMode="ipmi" dn="sys/user-ext/policy"/>
  </inConfig>
</configConfMo>
```

レスポンス :

```
<configConfMo cookie="e6628585b7/39e83851-4e81-2997-0b8c-dd15e1586e6f"
inHierarchical="false" dn="sys/user-ext/policy"> <inConfig> <aaaUserPolicy
userMode="ipmi"/> </inConfig> </configConfMo>
```

ユーザーモードの非IPMIとしての設定

リクエスト :

```
<configConfMo cookie="584855d11e/7falca2b-d2bb-073b-d2d0-eab99e70a5ed"
inHierarchical="false" dn="sys/user-ext/policy">
  <inConfig>
    <aaaUserPolicy userMode="non-ipmi" dn="sys/user-ext/policy"/>
  </inConfig>
</configConfMo>
```

レスポンス :

```
<configConfMo cookie="e6628585b7/39e83851-4e81-2997-0b8c-dd15e1586e6f"
inHierarchical="false" dn="sys/user-ext/policy"> <inConfig> <aaaUserPolicy
userMode="non-ipmi"/> </inConfig> </configConfMo>
```

CIFS プロトコルによる読み取り/書き込み権限を持つ共有の作成

リクエスト :

```
configConfMos cookie="4ce36e964d/cal1f9583-9c80-ab81-80c9-2697698614af"
inHierarchical="false"><inConfigs><pair key="sys/svc-ext/vmedia-svc/volume_name
"><commVMediaMap dn="sys/svc-ext/vmedia-svc/volume_name" map="cifs"
mountOptions="sec=ntlm,vers=3.0,rw" password="*****" remoteFile="test.img"
remoteShare="//{Share_IP_Address}/Folder" username="user" volumeName="volume_name"
/></pair></inConfigs></configConfMos>' https://{CIMC_IP_Address}/nuova
```

レスポンス :

```
<configConfMos cookie="4ce36e964d/cal1f9583-9c80-ab81-80c9-2697698614af"
response="yes"><outConfigs><pair key="sys/svc-ext/vmedia-svc/volume_name"><commVMediaMap
volumeName="volume_name" map="cifs" remoteShare="//{Share_IP_Address}/Folder"
remoteFile="test.img"
mountOptions="username=user,password=*****,sec=ntlm,vers=3.0,rw,soft,nounix,noserverino,rsize=3072,wsz=3072"
mappingStatus="In Progress" password="" adminAction="no-op"
dn="sys/svc-ext/vmedia-svc/volume_name" status="created"
></commVMediaMap></pair><operationStatus>success</operationStatus></outConfigs></configConfMos>
```

サーバーでのvMedia マッピングの表示

リクエスト :

```
<configResolveClass cookie="4ce36e964d/cal1f9583-9c80-ab81-80c9-2697698614af"
inHierarchical="true" classId="commVMedia"/>' https://{CIMC_IP_Address}/nuova
```

レスポンス :

```
<configResolveClass cookie="4ce36e964d/calcf9583-9c80-ab81-80c9-2697698614af" response="yes"
  classId="commVMedia">
<outConfigs>
<commVMedia dn="sys/svc-ext/vmedia-svc" adminState="enabled" activeSessions="0"
  encryptionState="disabled" lowPowerUsbState="enabled" adminAction="no-op" ><commVMediaMap
  volumeName="volume_name" map="cifs" remoteShare="//{Share_IP_Address}/Folder"
  remoteFile="test.img"
  mountOptions="username=Sai,password=*****,sec=ntlm,vers=3.0,rw,soft,nounix,noserverino,rsize=3072,wsz=3072"
  mappingStatus="OK" password="" adminAction="no-op" rn="volume_name"
></commVMediaMap></commVMedia></outConfigs>
</configResolveClass>
```

共通サーバ管理タスクの例

この章の例は、Cisco IMC XML API を使用して共通サーバ管理タスクを実行する方法を示します。各例は、XML API 要求に続いて Cisco IMC からの応答を示しています。

この章には、次の例があります。

- [Cisco IMC LDAP ユーザ クレデンシャルを使用した XML API セッション Cookie の確立 \(46 ページ\)](#)
- [Cisco IMC ユーザ セッションの取得 \(46 ページ\)](#)
- [サーバの要約情報とホストの電源状態の取得 \(47 ページ\)](#)
- [サーバ コンポーネントの現在実行中のファームウェア バージョンの取得 \(47 ページ\)](#)
- [Cisco IMC にインストールされているバックアップファームウェアバージョンの取得 \(48 ページ\)](#)
- [Cisco IMC のファームウェア バックアップ イメージのアクティブ化 \(48 ページ\)](#)
- [inHierarchical オプションを使用した設定済みブート順テーブルの取得 \(49 ページ\)](#)
- [サーバの電源装置の詳細の取得 \(49 ページ\)](#)
- [DN によって識別されるファン オブジェクトの詳細の取得 \(50 ページ\)](#)
- [SNMP 設定の詳細の取得 \(50 ページ\)](#)
- [サーバのローカルハードディスクのステータスの取得 \(50 ページ\)](#)
- [サーバ電源の再投入 \(51 ページ\)](#)
- [ブート順テーブルのセカンダリ ブート デバイスとしての EFI の設定 \(51 ページ\)](#)
- [フロッピーディスク ドライブのブート デバイスとしてのブート順序リストからの削除 \(51 ページ\)](#)
- [ホストを再起動しない HDD、CDROM、FDD、PXE、および EFI へのブート順序の設定 \(52 ページ\)](#)

- inHierarchical オプションを使用したトラップ レシーバの SNMP 設定の変更と取得 (53 ページ)
- 「Select Memory RAS」 BIOS トークンの取得 (53 ページ)
- ミラーリング モードの「Select Memory RAS」 BIOS トークンの設定 (54 ページ)
- C240 サーバ BIOS トークン値の取得 (54 ページ)
- BIOS トークンのデフォルト値の取得 (56 ページ)
- Platform-Default を使用した BIOS パラメータのデフォルト値への設定 (56 ページ)
- Out-Of-Band-Mgmt-Port BIOS トークン値の設定 (58 ページ)
- TFTP を使用した Cisco IMC 構成データのエクスポート (58 ページ)
- TFTP を使用した Cisco IMC 構成データのインポート (59 ページ)
- TFTP を使用した Cisco IMC テクニカル サポート データのエクスポート (60 ページ)
- CPU 製品 ID の詳細の取得 (62 ページ)
- IMM/メモリ ユニット製品 ID の詳細の取得 (62 ページ)
- HDD 製品 ID の詳細の取得 (63 ページ)
- PCI アダプタ製品 ID の詳細の取得 (63 ページ)
- ファームウェアの更新の詳細の取得 (64 ページ)
- Cisco IMC ファームウェアの更新 (64 ページ)
- BIOS ファームウェアの更新 (65 ページ)
- 非インタラクティブ HUU を使用したすべての C シリーズ サーバ コンポーネントでのファームウェアの更新 (65 ページ)
- TFTP を使用した VIC アダプタ構成データのインポート (67 ページ)
- TFTP を使用した VIC ファームウェアの更新 (67 ページ)
- VIC アダプタ パラメータの設定 (68 ページ)
- VIC アダプタの一般プロファイルの詳細の取得 (74 ページ)
- VIC アダプタのアップリンク ポートの詳細の取得 (75 ページ)
- VIC アダプタのアップリンク ポート速度の設定 (75 ページ)
- アダプタのイーサネット インターフェイスの詳細の取得 (76 ページ)
- アダプタのイーサネット インターフェイスの作成 (77 ページ)
- イーサネット インターフェイスのプロパティの変更 (78 ページ)
- イーサネット インターフェイスの削除 (79 ページ)

- アダプタのファイバチャネルインターフェイスの詳細の取得 (80 ページ)
- ファイバチャネルインターフェイスのブートエントリの作成 (80 ページ)
- ワンタイムブート用の HUU の設定 (81 ページ)
- ユーザ名がある VMedia への共有のマウント (81 ページ)
- ユーザ名がない VMedia への共有のマウント (82 ページ)
- Remotesyslog プライマリ サーバの設定 (82 ページ)
- Remotesyslog セカンダリ サーバの設定 (82 ページ)
- Syslog クライアント/サーバの詳細の取得 (83 ページ)
- LOM MAC アドレス サポートの詳細の取得 (83 ページ)
- ネットワーク コントローラの個々のポートの MAC アドレスの取得 (84 ページ)
- 個々のポートの LOM MAC アドレスの取得 (84 ページ)
- C シリーズ サーバにインストールされた LSI ストレージアダプタの概要プロパティの取得 (84 ページ)
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- マスター XML 要求を使用したさまざまなプラットフォーム間での BIOS パラメータの設定 (122 ページ)
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- DDNS を有効にするためのネットワーク設定 (129 ページ)
- PXE ブートデバイスの作成 (130 ページ)
- PXE ブートデバイスの削除 (130 ページ)
- PXE ブートデバイスの変更 (131 ページ)
- iSCSI ブートデバイスの作成 (132 ページ)
- iSCSI ブートデバイスの削除 (132 ページ)
- iSCSI ブートデバイスの変更 (133 ページ)
- SAN ブートデバイスの作成 (133 ページ)
- SAN ブートデバイスの削除 (134 ページ)
- SAN ブートデバイスの変更 (135 ページ)
- ユーザのシステム生成パスワードの取得 (135 ページ)

Cisco IMC LDAP ユーザクレデンシャルを使用した XML API セッション Cookie の確立

要求:

```
<aaaLogin inName='admin' inPassword='cisco@123' />
```

応答:

```
<aaaLogin cookie="" response="yes"  
outCookie="1461753405/e60c76e8-3175-1175-8002-4cc92474a254"  
outRefreshPeriod="600" outPriv="admin"  
outSessionId="17" outVersion="3.0(0.149)">  
</aaaLogin>
```

Cisco IMC ユーザセッションの取得

要求:

```
<configResolveClass cookie='1385080136/1a887a90-ebb9-1bb9-8007-130bcc74a254'
classId='aaaSession' inHierarchical='true'>
</configResolveClass>"
```

応答:

```
<configResolveClass cookie="1385080136/1a887a90-ebb9-1bb9-8007-130bcc74a254"
response="yes" classId="aaaSession">
<outConfigs>
<aaaSession host="10.10.10.10" id="18" ui="shell" user="admin"
dn="sys/user-ext/term-18" ></aaaSession>
<aaaSession host="10.10.10.10" id="17" ui="web" user="admin"
dn="sys/user-ext/term-17" ></aaaSession>
<aaaSession host="N/A" id="15" ui="serial" user="admin"
dn="sys/user-ext/term-15" ></aaaSession>
<aaaSession host="10.10.10.10" id="9" ui="web" user="admin"
dn="sys/user-ext/term-9" >
</aaaSession>
</outConfigs>
</configResolveClass>
```



(注) UIのタイプは、シャーシの背面にあるKVM ドングル (DB9) またはシリアルポート (RJ-45) を使用してシリアルポート経由でサーバに直接接続した場合のシリアルを示します。

サーバの要約情報とホストの電源状態の取得

要求:

```
<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
inHierarchical="false" classId="computeRackUnit"/>
```

応答:

```
<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388" response="yes"
classId="computeRackUnit"/>
<outConfig>
<computeRackUnit dn="sys/rack-unit-1" adminPower="policy" availableMemory="49152"
model="R250-2480805W" memorySpeed="1067" name="UCS C250 M2" numOfAdaptors="1"
numOfCores="8" numOfCoresEnabled="8" numOfCpus="2" numOfEthHostIfs="8"
numOfFcHostIfs="2" numOfThreads="16" operPower="on"
originalUuid="100DC440-0EBC-11DF-3B97-8843E1C2615E" presence="equipped" serverId="1"

serial="PGS140601CS" totalMemory="49152" usrLbl="Cisco C250 Server"
uuid="100DC440-0EBC-11DF-3B97-8843E1C2615E" vendor="Cisco Systems Inc"
cimcResetReason="graceful-reboot />
</outConfig>
</configResolveClass>
```

サーバコンポーネントの現在実行中のファームウェアバージョンの取得

要求:

```
<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
inHierarchical="false" classId="firmwareRunning"/>
```

応答：

```
<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388" response="yes"
classId="firmwareRunning">
  <outConfigs>
    <firmwareRunning dn="sys/rack-unit-1/bios/fw-boot-loader" deployment="boot-loader"
      type="blade-bios" version="CxxMx.1.5.1c.0 (Build Date: 01/31/2013)" >
    <firmwareRunning dn="sys/rack-unit-1/mgmt/fw-boot-loader" deployment="boot-loader"
      type="blade-controller" version="1.5(0.59).24"
    <firmwareRunning dn="sys/rack-unit-1/mgmt/fw-system"
      deployment="system" type="blade-controller" version="1.5(1b)" >
    <firmwareRunning dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/fw-boot-loader"
      deployment="boot-loader" type="storage-controller"
      version="4.31.00_4.12.05.00_0x05180000" >
    <firmwareRunning dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/fw-system"
      deployment="system" type="storage-controller" version="2.130.364-2185" >
  </firmwareRunning>
</outConfigs>
</configResolveClass>
```

Cisco IMC にインストールされているバックアップファームウェアバージョンの取得

要求:

```
<configResolveDn cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
inHierarchical="false" dn="sys/rack-unit-1/mgmt/fw-updatable"/>
```

応答：

```
<configResolveDn cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388" response="yes"
dn="sys/rack-unit-1/mgmt/fw-updatable">
  <outConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/mgmt/fw-updatable" adminState="triggered"
      deployment="backup" operState="ready" version="1.5(0.73)" protocol="none"
      remoteServer="" remotePath="" user="" pwd="" progress="Success"
      type="blade-controller">
  </outConfig>
</configResolveDn>
```

Cisco IMC のファームウェアバックアップイメージのアクティブ化

要求:

```
<configConfMo cookie='1369391866/63bd7c70-dd74-1d74-8002-233362a70344'
dn='sys/rack-unit-1/mgmt/fw-boot-def/bootunit-combined'>
<inConfig>
  <firmwareBootUnit dn='sys/rack-unit-1/mgmt/fw-boot-def/bootunit-combined'
    adminState='trigger' image='backup' resetOnActivate='yes' />
</inConfig>
</configConfMo>
```

応答：

```
<configConfMocookie="1369391866/63bd7c70-dd74-1d74-8002-233362a70344" response="yes"
dn="sys/rack-unit-1/mgmt/fw-boot-def/bootunit-combined">
<outConfig>
  <firmwareBootUnit dn="sys/rack-unit-1/mgmt/fw-boot-def/bootunit-combined"
    adminState="triggered"
```



```

    image="running" resetOnActivate="no" type="combined" version="1.5(1f)"
    status="modified">
  </firmwareBootUnit>
</outConfig>
</configConfMo>

```

inHierarchical オプションを使用した設定済みブート順テーブルの取得

要求:

```

<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
inHierarchical="true" classId="lsbootDef">

```

応答:

```

<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
response="yes"
  classId="lsbootDef">
  <outConfig>
    <lsbootDef dn="sys/rack-unit-1/boot-policy" name="boot-policy"
      purpose="operational" rebootOnUpdate="no" >
      <lsbootVirtualMedia access="read-only" order="3"
        type="virtual-media" rn="vm-read-only" />
      <lsbootVirtualMedia access="read-write" order="5"
        type="virtual-media" rn="vm-read-write"/>
      <lsbootLan rn="lan-read-only" access="read-only" order="2"
        prot="pxe" type="lan" />
      <lsbootStorage rn="storage-read-write" access="read-write" order="1"
        type="storage" >
        <lsbootLocalStorage rn="local-storage" />
      </lsbootStorage>
      <lsbootEfi rn="efi-read-only" access="read-only" order="4"
        type="efi" />
    </lsbootDef>
  </outConfig>
</configResolveClass>

```

サーバの電源装置の詳細の取得

要求:

```

<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
inHierarchical="false" classId="equipmentPsu">

```

応答:

```

<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
response="yes"
  classId="equipmentPsu">
  <outConfig>
    <equipmentPsu id="1" model="UCSC-PSU-450W" operability="operable" power="on"
      presence="equipped" serial="DCB1621010X" thermal="ok"
      vendor="Cisco Systems Inc" voltage="unknown" dn="sys/rack-unit-1/psu-1" >
    <equipmentPsu id="2" model="" operability="unknown" power="off"
      presence="missing" serial="" thermal="unknown" vendor=""
      voltage="unknown" dn="sys/rack-unit-1/psu-2" >
  </outConfig>
</configResolveClass>

```

DNによって識別されるファンオブジェクトの詳細の取得

要求:

```
<configResolveDn cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
inHierarchical="false" dn="sys/rack-unit-1/fan-module-1-2/fan-2"/>
```

応答:

```
<configResolveDn cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
response="yes"
dn="sys/rack-unit-1/fan-module-1-2/fan-2"/>
<outConfig>
  <equipmentFan id="2" model="" module="2" operability="operable" power="on"
  presence="equipped" serial="" thermal="not-supported" tray="1" vendor=""
  voltage="not-supported" dn="sys/rack-unit-1/fan-module-1-2/fan-2"/>
</outConfig>
</configResolveDn>
```

SNMP設定の詳細の取得

要求:

```
<configResolveClass cookie="1313086522/c7c08988-aa3e-1a3e-8005-5e61c2e14388"
inHierarchical="false" classId="commSnmp"/>
```

応答:

```
<configResolveClass cookie="1362107065/43d02d50-d6d4-16d4-8009-c979e5e53d50"
response="yes"
classId="commSnmp">
<outConfigs>
  <commSnmp dn="sys/svc-ext/snmp-svc" descr="SNMP Service" name="snmp"
adminState="enabled"
  port="161" proto="udp" community="" trapCommunity="public" com2Sec="disabled"
  sysContact="who@where" sysLocation="unknown"/>
</outConfigs>
</configResolveClass>
```

サーバのローカルハードディスクのステータスの取得

要求:

```
<configResolveDn cookie="1313146313/b38e04a0-aa4c-1a4c-8008-cdac38e14388"
inHierarchical="false" dn="sys/rack-unit-1/board/disk-4"/>
```

応答:

```
<configResolveDn cookie="1313146313/b38e04a0-aa4c-1a4c-8008-cdac38e14388"
response="yes"
dn="sys/rack-unit-1/board/disk-4">
<outConfig>
  <storageLocalDiskSlotEp id="4" operability="operable" presence="equipped"
  dn="sys/rack-unit-1/board/disk-4"/>
</outConfig>
</configResolveDn>
```

サーバ電源の再投入

要求:

```
<configConfMo cookie="1313084260/40ea8058-aa3e-1a3e-8004-5e61c2e14388"
inHierarchical="false" dn="sys/rack-unit-1" >
  <inConfig>
    <computeRackUnit adminPower="cycle-immediate" dn="sys/rack-unit-1">
    </computeRackUnit>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo cookie="1313084260/40ea8058-aa3e-1a3e-8004-5e61c2e14388"
response="yes" dn="sys/rack-unit-1" >
  <outConfig>
    <computeRackUnit dn="sys/rack-unit-1" adminPower="policy" availableMemory="49152"
      model="R250-2480805W" memorySpeed="1067" name="UCS C250 M2" numOfAdaptors="1"
      numOfCores="8" numOfCoresEnabled="8" numOfCpus="2" numOfEthHostIfs="0"
      numOfFcHostIfs="0" numOfThreads="16" operPower="off"
      originalUuid="100DC440-0EBC-11DF-3B97-8843E1C2615E" presence="equipped" serverId="1"

      serial="PGS140601CS" totalMemory="49152" usrLbl="Cisco C210 Server"
      uuid="100DC440-0EBC-11DF-3B97-8843E1C2615E" vendor="Cisco Systems Inc"
      status="modified"/>
  </outConfig>
</configConfMo>
```

ブート順序テーブルのセカンダリ ブート デバイスとしての EFI の設定

要求:

```
<configConfMo cookie="1313090863/ca79ef88-aa3f-1a3f-8006-5e61c2e14388"
inHierarchical="false" dn="sys/rack-unit-1/boot-policy/efi-read-only">
  <inConfig>
    <lsbootEfi order="2" status="modified"
      dn="sys/rack-unit-1/boot-policy/efi-read-only"
    </inConfig>
  </configConfMo>
```

応答:

```
<configConfMo cookie="1313090863/ca79ef88-aa3f-1a3f-8006-5e61c2e14388"
response="yes" dn="sys/rack-unit-1/boot-policy/efi-read-only" >
  <outConfig>
    <lsbootEfi dn="sys/rack-unit-1/boot-policy/efi-read-only" access="read-only"
      order="2" type="efi" status="modified"/>
  </outConfig>
</configConfMo>
```

フロッピーディスク ドライブのブート デバイスとしてのブート順序リストからの削除

要求:

```
<configConfMo cookie="1313092854/412183f8-aa40-1a40-8007-5e61c2e14388"
inHierarchical="true" dn="sys/rack-unit-1/boot-policy/vm-read-write" >
  <inConfig>
```

```

    <lsbootVirtualMedia order="5" access="read-write" status="deleted"
      dn="sys/rack-unit-1/boot-policy/vm-read-write"/>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo cookie="1313092854/412183f8-aa40-1a40-8007-5e61c2e14388" response="yes"
  dn="sys/rack-unit-1/boot-policy/vm-read-write" >
  <outConfig>
  </outConfig>
</configConfMo>

```

ホストを再起動しないHDD、CDROM、FDD、PXE、およびEFIへのブート順序の設定

要求:

```

<configConfMo cookie="1360205300/79c672f0-d519-1519-8004-30339ee53d50"
  inHierarchical="true" dn="sys/rack-unit-1/boot-policy">
  <inConfig>
    <lsbootDef dn="sys/rack-unit-1/boot-policy" rebootOnUpdate="no">
      <lsbootVirtualMedia access="read-only" order="2" type="virtual-media"
        rn="vm-read-only"/>
      <lsbootVirtualMedia access="read-write" order="3" type="virtual-media"
        rn="vm-read-write"/>
      <lsbootLan rn="lan-read-only" access="read-only" order="4" prot="pxe" type="lan"/>

      <lsbootStorage rn="storage-read-write" access="read-write" order="1" type="storage"

      <lsbootLocalStorage rn="local-storage"/> </lsbootStorage>
      <lsbootEfi rn="efi-read-only" access="read-only" order="5" type="efi"/>
    </lsbootDef>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo cookie="1360205300/79c672f0-d519-1519-8004-30339ee53d50" response="yes"
  dn="sys/rack-unit-1/boot-policy">
  <outConfig>
    <lsbootDef dn="sys/rack-unit-1/boot-policy" name="boot-policy" purpose="operational"

      rebootOnUpdate="no" status="modified">
      <lsbootVirtualMedia access="read-only" order="2" type="virtual-media"
        rn="vm-read-only"
        status="modified"/>
      <lsbootVirtualMedia access="read-write" order="3" type="virtual-media"
        rn="vm-read-write"
        status="modified"/>
      <lsbootLan rn="lan-read-only" access="read-only" order="4" prot="pxe" type="lan"
        status="modified"/>
      <lsbootStorage rn="storage-read-write" access="read-write" order="1" type="storage"

        status="modified">
      <lsbootLocalStorage rn="local-storage" status="modified"/>
      </lsbootStorage>
      <lsbootEfi rn="efi-read-only" access="read-only" order="5" type="efi"
        status="modified"/>
    </lsbootDef>
  </outConfig>
</configConfMo>

```

```
</outConfig>
</configConfMo>
```

inHierarchical オプションを使用したトラップレシーバの SNMP 設定の変更と取得

要求:

```
<configConfMo cookie="1362115258/2c1b1380-d6d6-16d6-800b-c979e5e53d50"
inHierarchical="true" dn="sys/svc-ext/snmp-svc">
<inConfig>
  <commSnmp dn="sys/svc-ext/snmp-svc" adminState="enabled" community="Top$ecret"
    trapCommunity="Dar$Good" com2Sec="full" sysContact="snmpadmin@cisco"
    port='600' sysLocation="San Jose"/>
</inConfig>
```

応答:

```
<configConfMo cookie="1398652603/2f9bf4c8-f811-1811-8005-79bdaa4c93a4" response="yes"
dn="sys/svc-ext/snmp-svc">
<outConfig>
<commSnmp dn="sys/svc-ext/snmp-svc" descr="SNMP Service" name="snmp"
adminState="enabled" port="600" proto="udp" community="public"
trapCommunity="public" com2Sec="full" sysContact="testContact"
sysLocation="testLocation" status="modified" >
<commSnmpTrap id="1" adminState="disabled" version="v3"
notificationType="traps" port="162" hostname="0.0.0.0" user="unknown"
rn="snmp-trap-1" status="modified">
</commSnmpTrap>
<commSnmpTrap id="2" adminState="disabled" version="v3">
notificationType="traps" port="162" hostname="0.0.0.0" user="unknown">
rn="snmp-trap-2" status="modified">
</commSnmpTrap>
.
.
.
<commSnmpUser id="15" name=""
securityLevel="" auth="" authPwd="" privacy="" privacyPwd=""
rn="snmpv3-user-15" status="modified"
</commSnmpUser>
</commSnmp>
</outConfig>
```

「Select Memory RAS」 BIOS トークンの取得

要求:

```
<configResolveClass cookie="1313092854/412183f8-aa40-1a40-8007-5e61c2e14388"
inHierarchical="false" classId="biosVfSelectMemoryRASConfiguration"/>
```

応答:

```
<configResolveClass cookie="1313092854/412183f8-aa40-1a40-8007-5e61c2e14388" response="yes"
classId="biosVfSelectMemoryRASConfiguration">
<outConfig>
  <biosVfSelectMemoryRASConfiguration
    dn="sys/rack-unit-1/bios/bios-settings/SelectMemory-RAS-configuration"
    vpSelectMemoryRASConfiguration="maximum-performance" >
  </biosVfSelectMemoryRASConfiguration>
```

```
</outConfig>
</configResolveClass>
```

ミラーリングモードの「Select Memory RAS」BIOS トークンの設定

要求:

```
<configConfMo cookie="1313092854/412183f8-aa40-1a40-8007-5e61c2e14388"
  inHierarchical="false"
  dn="sys/rack-unit-1/bios/bios-settings/SelectMemory-RAS-configuration">
  <inConfig>
    <biosVfSelectMemoryRASConfiguration
      dn="sys/rack-unit-1/bios/bios-settings/SelectMemory-RAS-configuration"
      vpSelectMemoryRASConfiguration="mirroring">
    </biosVfSelectMemoryRASConfiguration>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo cookie="1313092854/412183f8-aa40-1a40-8007-5e61c2e14388" response="yes"
  dn="sys/rack-unit-1/bios/bios-settings/SelectMemory-RAS-configuration">
  <outConfig>
    <biosVfSelectMemoryRASConfiguration
      dn="sys/rack-unit-1/bios/bios-settings/SelectMemory-RAS-configuration"
      vpSelectMemoryRASConfiguration="mirroring" status="modified"/>
  </outConfig>
</configConfMo>
```



(注) BIOS トークンを設定した後、ホスト側にも反映するように設定されたトークンのホストをリブートします。

C240 サーバ BIOS トークン値の取得

要求:

```
<configResolveClass cookie="1360207841/1133b530-d51a-151a-8005-30339ee53d50"
  inHierarchical="true" classId="biosSettings"/>
```

応答:

```
<configResolveClass cookie="1362115258/2c1b1380-d6d6-16d6-800b-c979e5e53d50" response="yes"
  classId="biosSettings">
  <outConfigs>
    <biosSettings dn="sys/rack-unit-1/bios/bios-settings">
      <biosVfIntelVTForDirectedIO rn="Intel-VT-for-directed-IO"
        vpIntelVTDATSSupport="enabled" vpIntelVTDCoherencySupport="disabled"
        vpIntelVTForDirectedIO="enabled"/>
      <biosVfSelectMemoryRASConfiguration rn="SelectMemory-RAS-configuration"
        vpSelectMemoryRASConfiguration="maximum-performance"/>
      <biosVfProcessorC6Report rn="Processor-C6-Report" vpProcessorC6Report="enabled"/>
      <biosVfIntelHyperThreadingTech rn="Intel-HyperThreading-Tech"
        vpIntelHyperThreadingTech="enabled"/>
      <biosVfEnhancedIntelSpeedStepTech rn="Enhanced-Intel-SpeedStep-Tech"
```

```

    vpEnhancedIntelSpeedStepTech="enabled"/>
<biosVfIntelVirtualizationTechnology rn="Intel-Virtualization-Technology"
  vpIntelVirtualizationTechnology="enabled"/>
<biosVfMemoryMappedIOAbove4GB rn="Memory-mapped-IO-above-4GB"
  vpMemoryMappedIOAbove4GB="disabled"/>
<biosVfCPUPerformance rn="CPU-Performance" vpCPUPerformance="enterprise"/>
<biosVfLvDIMMSupport rn="LvDIMM-Support" vpLvDDRMode="performance-mode"/>
<biosVfNUMAOptimized rn="NUMA-optimized" vpNUMAOptimized="enabled"/>
<biosVfConsoleRedirection rn="Console-redirection" vpBaudRate="115200"
  vpConsoleRedirection="disabled" vpFlowControl="none" vpTerminalType="vt100"
  vpPuttyKeyPad="ESCN" vpRedirectionAfterPOST="Always Enable"/>
<biosVfCoreMultiProcessing rn="Core-MultiProcessing" vpCoreMultiProcessing="all"/>

<biosVfIntelTurboBoostTech rn="Intel-Turbo-Boost-Tech"
  vpIntelTurboBoostTech="enabled"/>
<biosVfDirectCacheAccess rn="Direct-Cache-Access" vpDirectCacheAccess="enabled"/>
<biosVfExecuteDisableBit rn="Execute-Disable-Bit" vpExecuteDisableBit="enabled"/>
<biosVfOSBootWatchdogTimer rn="OS-Boot-Watchdog-Timer-Param"
  vpOSBootWatchdogTimer="disabled"/>
<biosVfOSBootWatchdogTimerPolicy rn="OS-Boot-Watchdog-Timer-Policy"
  vpOSBootWatchdogTimerPolicy="power-off"/>
<biosVfOSBootWatchdogTimerTimeOut rn="OS-Boot-Watchdog-Timer-Time-Out"
  vpOSBootWatchdogTimerPolicy="10-minutes"/>
<biosVfHardwarePrefetch rn="Hardware-Prefetch" vpHardwarePrefetch="enabled"/>
<biosVfAdjacentCacheLinePrefetch rn="Adjacent-Cache-Line-Prefetch"
  vpAdjacentCacheLinePrefetch="enabled"/>
<biosVfFRB2Enable rn="FRB2-Enable" vpFRB2Enable="enabled"/>
<biosVfProcessorC1E rn="Processor-C1E" vpProcessorC1E="enabled"/>
<biosVfPatrolScrub rn="Patrol-Scrub-Param" vpPatrolScrub="enabled"/>
<biosVfTPMSupport rn="TPM-Support" vpTPMSupport="disabled"/>
<biosVfDCUPrefetch rn="DCU-Prefetch" vpStreamerPrefetch="enabled"
  vpIPPrefetch="enabled"/>
<biosVfCPUPowerManagement rn="CPU-PowerManagement"
  vpCPUPowerManagement="energy-efficient"/>
<biosVfCPUFrequencyFloor rn="CPU-FreqFloor" vpCPUFrequencyFloor="disabled"/>
<biosVfCPUEnergyPerformance rn="CPU-EngPerfBias"
  vpCPUEnergyPerformance="balanced-performance"/>
<biosVfMemoryInterLeave rn="Memory-Interleave" vpChannelInterLeave="auto"
  vpRankInterLeave="auto"/>
<biosVfDemandScrub rn="Demand-Scrub-Param" vpDemandScrub="enabled"/>
<biosVfAltitude rn="Altitude-Param" vpAltitude="300-m"/>
<biosVfDRAMClockThrottling rn="DRAM-Clock-Throttling"
  vpDRAMClockThrottling="Balanced"/>
<biosVfASPMsupport rn="ASPM-Support" vpASPMsupport="Disabled"/>
<biosVfVgaPriority rn="VgaPriority" vpVgaPriority="Onboard"/>
<biosVfUSBPortsConfig rn="USB-Ports-Config" vpAllUsbDevices="enabled"
  vpUsbPortRear="enabled" vpUsbPortFront="enabled" vpUsbPortInternal="enabled"
  vpUsbPortKVM="enabled" vpUsbPortVMedia="enabled" vpUsbPortSDCard="enabled"/>
<biosVfQPIConfig rn="QPI-Config" vpQPILinkFrequency="auto"/>
<biosVfLegacyUSBsupport rn="LegacyUSB-Support" vpLegacyUSBsupport="enabled"/>
<biosVfUCSMBBootOrderRuleControl rn="Boot-Order-Rules"
  vpUCSMBBootOrderRule="Loose"/>
<biosVfPCIOptionROMs rn="PCI-OptionROMs" vpPCIOptionROMs="Enabled"/>
<biosVfLOMPortOptionROM rn="LOMPort-OptionROM" vpLOMPortsAllState="Enabled"
  vpLOMPort0State="Enabled" vpLOMPort1State="Enabled" vpLOMPort2State="Enabled"
  vpLOMPort3State="Enabled"/>
<biosVfPCISlotOptionROMEnable rn="PCI-Slot-OptionROM-Enable"
  vpSlot1State="Enabled" vpSlot2State="Enabled" vpSlot3State="Enabled"
  vpSlot4State="Enabled" vpSlot5State="Enabled" vpSlot6State="Enabled"
  vpSlot7State="Enabled" vpSlot1LinkSpeed="GEN3" vpSlot2LinkSpeed="GEN3"
  vpSlot3LinkSpeed="GEN3" vpSlot4LinkSpeed="GEN3" vpSlot5LinkSpeed="GEN3"
  vpSlot6LinkSpeed="GEN3" vpSlot7LinkSpeed="GEN3"/>
<biosVfPStateCoordType rn="p-state-coord" vpPStateCoordType="HW ALL"/>

```

```

    <biosVfDramRefreshRate rn="dram-refresh-rate" vpDramRefreshRate="2x"/>
    <biosVfOutOfBandMgmtPort rn="OoB-MgmtPort"
      vpOutOfBandMgmtPort="Disabled" >
  </biosVfOutOfBandMgmtPort>
</biosSettings>
</outConfigs>

```

BIOS トークンのデフォルト値の取得

要求:

```

<configResolveClass cookie='1307953743/b63ff130-a593-1593-8004-2e4ac2e14388'
  classId='biosPlatformDefaults' inHierarchical='true'>

```

応答:

```

<configResolveClass cookie="1370842491/23c0a810-dec6-1ec6-8002-1ec9e1a85750"
  response="yes" classId="biosPlatformDefaults">
  <outConfigs>
    <biosPlatformDefaults dn="sys/rack-unit-1/bios/bios-defaults" >
      <biosVfIntelVTForDirectedIO rn="Intel-VT-for-directed-IO"
        vpIntelVTDATSSupport="enabled"
        vpIntelVTDcoherencySupport="disabled"
        vpIntelVTForDirectedIO="enabled" >
      </biosVfIntelVTForDirectedIO>
      <biosVfSelectMemoryRASConfiguration rn="SelectMemory-RAS-configuration"
        vpSelectMemoryRASConfiguration="maximum-performance" >
      </biosVfSelectMemoryRASConfiguration>
      <biosVfProcessorC6Report rn="Processor-C6-Report"
        vpProcessorC6Report="enabled" >
      </biosVfProcessorC6Report><biosVfIntelHyperThreadingTech rn="Intel-HyperThreading-Tech"
        vpIntelHyperThreadingTech="enabled" >
      </biosVfIntelHyperThreadingTech>
      <biosVfEnhancedIntelSpeedStepTech rn="Enhanced-Intel-SpeedStep-Tech"
        vpEnhancedIntelSpeedStepTech="enabled" >
      </biosVfEnhancedIntelSpeedStepTech>
      <biosVfIntelVirtualizationTechnology rn="Intel-Virtualization-Technology"
        vpIntelVirtualizationTechnology="enabled" >
      </biosVfIntelVirtualizationTechnology>
      .
      .
      .
    </biosVfLOMPortOptionROM><biosVfPCISlotOptionROMEnable rn="PCI-Slot-OptionROM-Enable"
      vpSlot1State="Enabled"
      vpSlot2State="Enabled"
      vpSlotMezzState="Enabled"
      vpSlot2LinkSpeed="GEN3" >
    </biosVfPCISlotOptionROMEnable><biosVfPStateCoordType rn="p-state-coord"
      vpPStateCoordType="HW ALL" >
    </biosVfPStateCoordType>
    <biosVfDramRefreshRate rn="dram-refresh-rate"
      vpDramRefreshRate="2x" >
    </biosVfDramRefreshRate>
  </biosPlatformDefaults>
</outConfigs>
</configResolveClass>

```

Platform-Default を使用した BIOS パラメータのデフォルト値への設定

要求:


```
<configConfMo cookie="0000020175/b2909140-0004-1004-8002-cdac38e14388"
inHierarchical="true" dn="sys/rack-unit-1/bios/bios-settings">
  <inConfig>
    <biosSettings>
      <biosVfIntelVTForDirectedIO
dn="sys/rack-unit-1/bios/bios-settings/Intel-VT-for-directed-IO"
      vpIntelVTDATSSupport="platform-default" vpIntelVTDcoherencySupport="platform-default"

      vpIntelVTForDirectedIO="platform-default"/>
      <biosVfSelectMemoryRASConfiguration
dn="sys/rack-unit-1/bios/bios-settings/SelectMemory-RAS-configuration"
      vpSelectMemoryRASConfiguration="platform-default"/>
      ...
      ...
      <biosVfProcessorC6Report dn="sys/rack-unit-1/bios/bios-settings/Processor-C6-Report"

      vpSlot2State="platform-default" vpSlotMezzState="platform-default"
vpSlot1LinkSpeed="platform-default"
      vpSlot2LinkSpeed="platform-default"/>
      <biosVfPStateCoordType dn="sys/rack-unit-1/bios/bios-settings/p-state-coord"
      vpPStateCoordType="platform-default"/>
    </biosSettings>
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo cookie="1347919470/f5335af8-c9ec-19ec-8007-1ec9e1a85750" response="yes"
dn="sys/rack-unit-1/mgmt/fw-updatable" >
  <outConfig>
    <biosSettings dn="sys/rack-unit-1/bios/bios-settings" status="modified" >
      <biosVfIntelVTForDirectedIO rn="Intel-VT-for-directed-IO"
      vpIntelVTDATSSupport="enabled" vpIntelVTDcoherencySupport="disabled"
      vpIntelVTForDirectedIO="enabled" status="modified" >
    </biosVfIntelVTForDirectedIO>
      <biosVfSelectMemoryRASConfiguration rn="SelectMemory-RAS-configuration"
      vpSelectMemoryRASConfiguration="maximum-performance" status="modified" >
      .
      .
      .
      vpSlot1State="enabled" vpSlot2State="enabled" vpSlotMezzState="enabled"
      vpSlot1LinkSpeed="GEN3" vpSlot2LinkSpeed="GEN3" status="modified"
    </biosVfPCISlotOptionROMEnable>
      <biosVfPStateCoordType rn="p-state-coord" vpPStateCoordType="HW_ALL"
      status="modified" >
    </biosVfPStateCoordType>
    </biosSettings>
  </outConfig>
</configConfMo>
```



(注) 前述の例の要求と応答は完全な出力ではなく、一部のみが含まれています。

これによって、プロセッサ、メモリ、QPI、PCI、シリアル、LOM、PCIe スロットなどの BIOS パラメータの構成時の設定が **platform-default** 値に設定されます。同様に、例にある **platform-default** 入力パラメータを、設定したい内容に変更することで、BIOS パラメータを設定できます。

Out-Of-Band-Mgmt-Port BIOS トークン値の設定

要求:

```
<configConfMo cookie="1462352296/f3b4e630-3200-1200-8002-f0fa5ff6083c"
inHierarchical="false" dn="sys/rack-unit-1/bios/bios-settings/OoB-MgmtPort">
  <inConfig>
    <biosVfOutOfBandMgmtPort dn="sys/rack-unit-1/bios/bios-settings/OoB-MgmtPort"
vpOutOfBandMgmtPort="Disabled">
      </biosVfOutOfBandMgmtPort>
    </inConfig>
  </configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/bios/bios-settings/OoB-MgmtPort"
cookie="1462352296/f3b4e630-3200-1200-8002-f0fa5ff6083c" response="yes">
  <outConfig>
    <biosVfOutOfBandMgmtPort dn="sys/rack-unit-1/bios/bios-settings/OoB-MgmtPort"
vpOutOfBandMgmtPort="Disabled" status="modified"/>
  </outConfig>
</configConfMo>
```

TFTP を使用した Cisco IMC 構成データのエクスポート

要求:

```
<configConfMo cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
inHierarchical="false"> dn="sys/export-config"
  <inConfig>
    <mgmtBackup dn="sys/export-config" adminState="enabled" hostname="198.xx.210.xx"
remoteFile="/tftpserver/c250_config_export.cfg"/>
      user='<username>' pwd='<password>' passphrase='<passphrase>'
    </mgmtBackup>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
response="yes" dn="sys/export-config">
  <outConfig>
    <mgmtBackup dn="sys/export-config" adminState="disabled" fsmStageDescr="Completed
successfully"
fsmRmtInvErrCode="" fsmRmtInvErrDescr="NONE" fsmDescr="export-config" proto="tftp"
hostname=""
remoteFile="" user="" pwd="" passphrase="" status="modified"/>
  </outConfig>
</configConfMo>
```

上の要求がエクスポート操作を起動し、バックグラウンドタスクとして実行されます。

エクスポートされたコンフィギュレーションファイルは、次の例のようになります。

```
[root]# cat /tftpserver/c250_config_export.cfg
<root><<CIMC>
<version>1.4(0.22)</version>
<network>
<hostname>ucs-c250-M2</hostname>
```

```

<mode>dedicated</mode>
<redundancy>active-standby</redundancy>
<dns-use-dhcp>no</dns-use-dhcp>
<preferred-dns-server>0.0.0.0</preferred-dns-server>
<alternate-dns-server>0.0.0.0</alternate-dns-server>
<vlan-enabled>no</vlan-enabled>
.
.
.

```

前述の例で使用した TFTP はデフォルトプロトコルです。ftp、sftp、scp および http などの他の使用可能なプロトコルを使用して Cisco IMC 設定をエクスポートすることもできます。ftp、sftp および scp を使用したエクスポートには、次の例に示すようにユーザ クレデンシャルが必要です。

要求:

```

<configConfMo cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
inHierarchical="false" dn="sys/export-config"
<inConfig>
  <mgmtBackup dn="sys/export-config" adminState="enabled"
hostname="bxxxa-xxx-fileserver.cisco.com" proto="ftp"
user="username" pwd="password" passphrase='passphrase'
remoteFile="/home/xxxxx/ppapi.xml">
/inConfig>

```

応答:

```

<configConfMo cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388" response="yes">
  dn="sys/export-config"
  <outConfig>
    <mgmtBackup dn="sys/export-config" adminState="disabled"
      fsmStageDescr="Completed successfully" fsmRmtInvErrCode=""
      fsmRmtInvErrDescr="NONE"
      fsmDescr="export-config" proto="ftp" hostname="" remoteFile=""
      User="" pwd="" passphrase="" status="modified"/>
  </outConfig>
</configConfMo>

```

TFTP を使用した Cisco IMC 構成データのインポート

要求:

```

<configConfMo cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
inHierarchical="false" dn="sys/import-config"
<inConfig>
  <mgmtImporter dn="sys/import-config" adminState="enabled" hostname="10.10.10"
remoteFile="/tftpserver/c250_config_export.cfg" user="user" pwd="password"
passphrase="passphrase"/>
</inConfig>
</configConfMo>

```

応答:

```

<configConfMo cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
response="yes" dn="sys/import-config">
  <outConfig>
    <mgmtImporter dn="sys/import-config" adminState="disabled" fsmStageDescr="Error"
fsmRmtInvErrCode="" fsmRmtInvErrDescr="NONE" fsmDescr="import-config" proto="tftp"

```

```
hostname=""
remoteFile="" user="" pwd="" passphrase="" status="modified"/>
</outConfig>
</configConfMo>
```

上の要求がインポート操作を起動し、バックグラウンドタスクとして実行されます。次の要求を送信することで、完了ステータスを定期的に照会できます。

ステータス要求：

```
<configResolveClass cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
inHierarchical="false" classId="mgmtImporter"/>
```

完了前のステータス応答：

```
<configResolveClass cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388" response="yes"
classId="mgmtImporter">
<outConfig>
<mgmtImporter dn="sys/import-config" adminState="enabled"
fsmStageDescr="Applying configuration" fsmRmtInvErrCode=""
fsmRmtInvErrDescr="NONE" fsmDescr="import-config" proto="none" hostname=""
remoteFile="" user="" pwd=""/>
</outConfig>
</configResolveClass>
```

繰り返しのステータス要求：

```
<configResolveClass cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
inHierarchical="false" classId="mgmtImporter"/>
```

完了後のステータス応答：

```
<configResolveClass cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388" response="yes"
classId="mgmtImporter">
<outConfig>
<mgmtImporter dn="sys/import-config" adminState="disabled"
fsmStageDescr="Completed successfully" fsmRmtInvErrCode=""
fsmRmtInvErrDescr="NONE" fsmDescr="import-config" proto="none" hostname=""
remoteFile="" user="" pwd=""/>
</outConfig>
</configResolveClass>
```

TFTP を使用した Cisco IMC テクニカル サポート データのエクスポート

要求:

```
<configConfMo cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
inHierarchical="false" dn="sys/rack-unit-1/tech-support">
<inConfig>
<sysdebugTechSupportExport dn="sys/rack-unit-1/tech-support" adminState="enabled"
remoteFile="/tftpserver/c250_techsupport_archive.tgz" proto="tftp"
hostname="198.xx.xxx.14"/>
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388" response="yes"
  dn="sys/rack-unit-1/tech-support" >
  <outConfig>
    <sysdebugTechSupportExport dn="sys/rack-unit-1/tech-support" adminState="disabled"

      hostname="198.xx.xxx.14" proto="tftp"
      remoteFile="/tftpserver/c250_techsupport_archive.tgz" fsmStageDescr="none"
      fsmProgr="0" fsmStatus="nop" status="modified"/>
    </outConfig>
  </configConfMo>
```

前述の要求によってテクニカルサポートの生成が開始され、テクニカルサポートデータが生成された後に、データがリモートロケーションにアップロードされます。次の要求を送信することで、完了ステータスを定期的に照会できます。

ステータス要求：

```
<configResolveClass cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
inHierarchical="false" classId="sysdebugTechSupportExport"/>
```

完了前のステータス応答：

```
<configResolveClass cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
response="yes"
  classId="sysdebugTechSupportExport">
  <outConfig>
    <sysdebugTechSupportExport dn="sys/rack-unit-1/tech-support" adminState="enabled"
      hostname="10.10.10.10" proto="tftp"
      remoteFile="/tftpserver/c250_techsupport_archive.tgz"
      fsmStageDescr="collecting" fsmProgr="0" fsmStatus="exporting"/>
    </outConfig>
  </configResolveClass>
```

繰り返しのステータス要求：

```
<configResolveClass cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388"
inHierarchical="false" classId="sysdebugTechSupportExport"/>
```

完了後のステータス応答：

```
<configResolveClass cookie="1313118253/2b07f100-aa46-1a46-8008-5e61c2e14388" response="yes"

  classId="sysdebugTechSupportExport">
  <outConfig>
    <sysdebugTechSupportExport dn="sys/rack-unit-1/tech-support" adminState="disabled"

      hostname="10.10.10.10" proto="tftp"
      remoteFile="/tftpserver/c250_techsupport_archive.tgz"
      fsmStageDescr="completed" fsmProgr="100" fsmStatus="success"/>
    </outConfig>
  </configResolveClass>
```

エクスポートされたテクニカルサポートファイルは、次の例のようになります。

```
[root]# tar tvfz /tftpserver/c250_techsupport_archive.tgz | more
```

```
drwxr-xr-x root/root          0 2011-08-11 13:01:10 obfl/
-rw-r--r-- root/root        76910 2011-08-11 13:00:56 obfl/obfl-log.1
-rw-r--r-- root/root        76835 1970-01-01 09:38:26 obfl/obfl-log.2
-rw-r--r-- root/root        76881 2011-08-08 21:20:55 obfl/obfl-log.3
-rw-r--r-- root/root        76916 1969-12-31 16:07:28 obfl/obfl-log.4
-rw-r--r-- root/root        76846 2011-08-03 21:38:49 obfl/obfl-log.5
-rw-r--r-- root/root        14598 2011-08-11 20:49:57 obfl/obfl-log
.
.
.
```

CPU 製品 ID の詳細の取得

要求:

```
<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
inHierarchical="false" classId="pidCatalogCpu"/>
```

応答:

```
<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
response="yes" classId="pidCatalogCpu"> <outConfigs> <pidCatalogCpu id="1"
socketdesignation="CPU1"
description="Intel(R) Xeon(R) E5-2650 2.00GHz 8-core 95W 20MB Cache DDR3 1600MHz"
pid="UCS-CPU-E5-2650"
model="Intel(R) Xeon(R) CPU E5-2650 0 @ 2.00GHz" signature="Type 0, Family 6, Model 45,
Stepping 7" currentspeed="2000"
operState="Enabled" dn="sys/rack-unit-1/board/pid/pid-cpu-1"
></pidCatalogCpu><pidCatalogCpu id="2" socketdesignation="CPU2"
description="Intel(R) Xeon(R) E5-2650 2.00GHz 8-core 95W 20MB Cache DDR3 1600MHz"
pid="UCS-CPU-E5-2650" model="Intel(R) Xeon(R)
CPU E5-2650 0 @ 2.00GHz" signature="Type 0, Family 6, Model 45, Stepping 7"
currentspeed="2000" operState="Enabled"
dn="sys/rack-unit-1/board/pid/pid-cpu-2" ></pidCatalogCpu></outConfigs>
</configResolveClass>
```

IMM/メモリ ユニット製品 ID の詳細の取得

要求:

```
<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
inHierarchical="false" classId="pidCatalogDimm">
```

応答:

```
<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
response="yes" classId="pidCatalogDimm"> <outConfigs> <pidCatalogDimm name="DIMM_A1"
description="8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v" pid="UCS-MR-1X082RY-A"
mfgid="0xCE00"
manufacturer="Samsung Electronics, Inc." serialnumber="14765DC9 " model="Mx93B1K70DH0-YK0"
capacity="8192 MB"
speed="1600" datawidth="64 bits" operability="Operable"
dn="sys/rack-unit-1/board/pid/pid-dimm-DIMM_A1" >
</pidCatalogDimm><pidCatalogDimm name="DIMM_B1" description="8GB DDR3-1600-MHz
RDIMM/PC3-12800/dual rank/1.35v"
pid="UCS-MR-1X082RY-A" mfgid="0xCE00" manufacturer="Samsung Electronics, Inc."
serialnumber="1494DE1A "
model="Mx93B1K70DH0-YK0" capacity="8192 MB" speed="1600" datawidth="64 bits"
operability="Operable">
```

```

dn="sys/rack-unit-1/board/pid/pid-dimm-DIMM_B1" ></pidCatalogDimm><pidCatalogDimm
name="DIMM_E1"
description="8GB DDR3-1600-MHz RDIMM/PC3-12800/dual rank/1.35v" pid="UCS-MR-1X082RY-A"
mfgid="0xCE00"
manufacturer="Samsung Electronics, Inc." serialnumber="1474F06F " model="Mx93B1K70DH0-YK0"
capacity="8192 MB"
speed="1600" datawidth="64 bits" operability="Operable"
dn="sys/rack-unit-1/board/pid/pid-dimm-DIMM_E1" >
</pidCatalogDimm><pidCatalogDimm name="DIMM_F1" description="8GB DDR3-1600-MHz
RDIMM/PC3-12800/dual rank/1.35v"
pid="UCS-MR-1X082RY-A" mfgid="0xCE00" manufacturer="Samsung Electronics, Inc."
serialnumber="1494D625 "
model="Mx93B1K70DH0-YK0" capacity="8192 MB" speed="1600" datawidth="64 bits"
operability="Operable"
dn="sys/rack-unit-1/board/pid/pid-dimm-DIMM_F1" ></pidCatalogDimm></outConfigs>
</configResolveClass>

```

HDD 製品 ID の詳細の取得

要求:

```

<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
inHierarchical="false" classId="pidCatalogHdd"/>

```

応答:

```

<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
response="yes" classId="pidCatalogHdd">
<outConfigs>
<pidCatalogHdd disk="1" controller="SLOT-4" description="300GB 6Gb SAS 10K RPM 2.5"
pid="A03-D300GA2" vendor="SEAGATE" model="ST300MM0006"
serialnumber="Z0K01B3K0000C4171HJU"
dn="sys/rack-unit-1/board/pid/pid-hdd-1" >
</pidCatalogHdd>
<pidCatalogHdd disk="2" controller="SLOT-4" description="300GB 6Gb SAS 10K RPM 2.5"
pid="A03-D300GA2" vendor="SEAGATE" model="ST300MM0006" serialnumber="Z0K01GP10000C419ARHL"
dn="sys/rack-unit-1/board/pid/pid-hdd-2" >
</pidCatalogHdd>
</outConfigs>
</configResolveClass>

```

PCI アダプタ製品 ID の詳細の取得

要求:

```

<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
inHierarchical="false" classId="pidCatalogPCIAdapter"/>

```

応答:

```

<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c" response="yes"
classId="pidCatalogPCIAdapter"> <outConfigs> <pidCatalogPCIAdapter slot="L"
description="Onboard LOM" pid="N/A" vendor="0x8086" device="0x1521" subvendor="0x1137"
subdevice="0x008b" dn="sys/rack-unit-1/board/pid/pid-pciadapter-L" ></pidCatalogPCIAdapter>
<pidCatalogPCIAdapter slot="2" description="Cisco UCS Dual Port 10Gb Ethernet and 4G
Fibre Channel CNA SFP+"
pid="UCSC-PCIE-CSC-02" vendor="0x1137" device="0x0042" subvendor="0x1137"

```

```

subdevice="0x0085"
dn="sys/rack-unit-1/board/pid/pid-pciadapter-2"
></pidCatalogPCIAdapter><pidCatalogPCIAdapter slot="4"
description="LSI 6G MegaRAID SAS 9271-8i card with Supercap (RAID 0,1,5,6; RAID spans
10,50,60) - External mini-SAS connectors"
pid="UCS-RAID9271-8i" vendor="0x1000" device="0x005b" subvendor="0x1000" subdevice="0x9271"

dn="sys/rack-unit-1/board/pid/pid-pciadapter-4" ></pidCatalogPCIAdapter></outConfigs>
</configResolveClass>

```

ファームウェアの更新の詳細の取得

要求:

```

<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
inHierarchical="false" classId="firmwareUpdatable"/>

```

応答:

```

<configResolveClass cookie="1462354358/4b33a4f4-3201-1201-8004-f0fa5ff6083c"
response="yes" classId="firmwareUpdatable">
<outConfigs>
  <firmwareUpdatable dn="sys/rack-unit-1/bios/fw-updatable" description="BIOS firmware
version"
  adminState="triggered" deployment="primary" operState="ready" version="CxxxMx.3.0.0.3

  (Build Date: 03/23/2016)" protocol="none" remoteServer="" remotePath="" user=""
  pwd="" progress="None, OK" type="blade-bios" >
</firmwareUpdatable>
<firmwareUpdatable dn="sys/rack-unit-1/mgmt/fw-updatable"
description="Cisco IMC backup firmware version"
  adminState="triggered" deployment="backup" operState="ready"
version="66.77 (67.1462359966)" protocol="none"
remoteServer="" remotePath="" user="" pwd="" progress="Success"
type="blade-controller" secureBoot="enabled" >
</firmwareUpdatable>
<firmwareUpdatable dn="sys/rack-unit-1/adaptor-2/mgmt/fw-updatable"
description="Cisco VIC adapter backup firmware version" adminState="triggered"
deployment="backup"
  version="2.1(3a)" protocol="none" remoteServer="" remotePath="" user="" pwd=""
  progress="Stage: No operation (0%), Status: Idle, Error: No error" type="adaptor" >
</firmwareUpdatable>
</outConfigs>
</configResolveClass>

```

Cisco IMC ファームウェアの更新

要求:

```

<configConfMo cookie="0000286104/a1778199-0042-1042-8003-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/mgmt/fw-updatable">
  <inConfig>
    <firmwareUpdatable adminState="trigger" dn="sys/rack-unit-1/mgmt/fw-updatable"
      protocol="tftp" remoteServer="10.10.10.10" remotePath="update_pkg-rack-colusa1.bin"

      type="blade-controller"/>
    </inConfig>
  </configConfMo>

```


応答:

```
<configConfMo dn="sys/rack-unit-1/mgmt/fw-updatable"
cookie="0000286104/a1778199-0042-1042-8003-7e573e8f835c" response="yes">
  <outConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/mgmt/fw-updatable"
      description="Cisco IMC backup firmware version" adminState="triggered"
      deployment="backup" operState="updating" version="3.0(0.167)" protocol="none"
      remoteServer="" remotePath="" user="" pwd="" progress="5" type="blade-controller"
      secureBoot="enabled" status="modified"/>
  </outConfig>
</configConfMo>
```

BIOS ファームウェアの更新

要求:

```
<configConfMo cookie="0000286104/a1778199-0042-1042-8003-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/bios/fw-updatable">
  <inConfig>
    <firmwareUpdatable adminState="trigger" dn="sys/rack-unit-1/bios/fw-updatable"
      protocol="tftp" remoteServer="10.10.10.10" remotePath="BIOS-2-0-12-9.cap"
      type="blade-bios"/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/bios/fw-updatable"
cookie="0000286104/a1778199-0042-1042-8003-7e573e8f835c" response="yes">
  <outConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/bios/fw-updatable"
      description="BIOS firmware version" adminState="triggered" deployment="primary"
      operState="updating" version="server-name.2.0.12.3.031720160046" protocol="none"
      remoteServer="" remotePath="" user="" pwd="" progress="Image Download (5 %), OK"
      type="blade-bios" status="modified"/>
  </outConfig>
</configConfMo>
```

前述の Cisco IMC および BIOS ファームウェア アップグレードの例では、プロトコルとして tftp を使用しており、ftp、sftp、scp および http などの他の使用可能なプロトコルも同様に使用できます。更新時に sftp、ftp または scp プロトコルを使用する場合は、ユーザ名とパスワードを入力パラメータで指定する必要があります。

非インタラクティブ HUU を使用したすべての C シリーズ サーバコンポーネントでのファームウェアの更新

要求:

```
<configConfMo cookie="0000020175/b2909140-0004-1004-8002-cdac38e14388"
inHierarchical="true" dn='sys/huu/firmwareUpdater'>
  <inConfig>
    <huuFirmwareUpdater dn='sys/huu/firmwareUpdater' adminState='trigger'
      remoteIp='10.xxx.xxx.99' remoteShare='/home/xxxxxx/ucs-Cxxx-huu-1.5.0.67.iso'
      mapType='cifs' username='user' password='pwd' stopOnError='yes'
      timeOut='25' verifyUpdate='yes' updateComponent='all' />
  </inConfig>
</configConfMo>
```

```
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/bios/fw-updatable"
cookie="0000286104/a1778199-0042-1042-8003-7e573e8f835c" response="yes">
  <outConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/bios/fw-updatable" description="BIOS firmware
version"
      adminState="triggered" deployment="primary" operState="updating"
      version="server-name.2.0.12.3.031720160046 " protocol="none" remoteServer=""
remotePath=""
      user="" pwd="" progress="Image Download (5 %), OK" type="blade-bios"
status="modified"/>
    </outConfig>
  </configConfMo>
```

前述の例では、サーバのすべてのコンポーネントでファームウェアが起動および更新され、ユーザは次の要求を定期的に行うことで、更新のステータスを確認できます。

ステータス要求：

```
<configResolveClass cookie="1360030993/e4404760-d4f0-14f0-8004-1ec9e1a85750"
inHierarchical="true" classId="huuFirmwareUpdater">
```

応答：

```
<configResolveClass cookie="1360030993/e4404760-d4f0-14f0-8004-1ec9e1a85750" response="yes"
classId="huuFirmwareUpdater">
  <outConfigs>
    <huuFirmwareUpdater dn="sys/huu/firmwareUpdater" adminState="triggered"
      remoteIp="http://10.xxx.xxx.99"
remoteSharePath="/home/xxxx/ucs-Cxxx-huu-1.5.0.67.iso"
      remoteShareFile="ucs-Cxxx-huu-1.5.0.67.iso" mapType="cifs"username="user"
      password="pwd" stopOnError="yes" timeOut="25" verifyUpdate="no" updateComponent="all"
    >
    <huuFirmwareUpdateStatus rn="updateStatus"
      overallStatus="CIMC,LOM,PCI,STORAGE update successful. BIOS update in progress."
      currentTime="Tue Feb 5 02:48:42 2013" updateStartTime="Tue Feb 5 02:28:06 2013"
      updateEndTime="NA" >
    <huuUpdateComponentStatus component="CIMC" description="CIMC" slot="NA"
      runningVersion="1.5(0.69)" newVersion="1.5(0.67)" macAddr="NA"
      vendorId="NA" deviceId="NA" subVendorId="NA" subDeviceId="NA" cntrlId="0"
      updateStatus="Completed" errorDescription="NA" verifyStatus="NA"
      rn="component-CIMC" >
    <huuUpdateComponentStatus component="LOM" description="I350" slot="NA"
      runningVersion="1.61-02.12-2.7.111-1.3.98-5.1.01-2.7.111"
      newVersion="1.61-02.12-2.7.111-1.3.98-5.1.01-2.7.111" macAddr="5057A8E1C922"
      vendorId="8086" deviceId="1521" subVendorId="1137" subDeviceId="008A"
      cntrlId="0" updateStatus="Completed" errorDescription="NA"
      verifyStatus="NA" rn="component-LOM" >
    <huuUpdateComponentStatus component="STORAGE" description="2008M-8i" slot="M"
      runningVersion="2.130.364-2185" newVersion="2.130.364-2185" macAddr="NA"
      vendorId="NA" deviceId="NA" subVendorId="NA" subDeviceId="NA" cntrlId="0"
      updateStatus="Completed" errorDescription="NA" verifyStatus="NA"
      rn="component-STORAGE" >
    <huuUpdateComponentStatus component="PCI" description="UCS VIC 1225" slot="1"
      runningVersion="2.1(1.110)-uboot-2.1(1.110)" newVersion="2.1(1.108)-uboot-2.1(1.108)"
```

```

macAddr="0200544D474D" vendorId="1137" deviceId="0042" subVendorId="1137"
subDeviceId="0085" cntrlId="0" updateStatus="Completed" errorDescription="NA"
verifyStatus="NA" rn="component-PCI" >
<huuUpdateComponentStatus component="BIOS" description="BIOS" slot="NA"
runningVersion="CxxxMx.1.5.1c.0.013120130456"
newVersion="CxxxMx.1.5.1b.0.012720130527" macAddr="NA" vendorId="NA" deviceId="NA"

subVendorId="NA" subDeviceId="NA" cntrlId="0" updateStatus="InProgress"
errorDescription="NA" verifyStatus="NA" rn="component-BIOS" >
</hhuFirmwareUpdateStatus>
</hhuFirmwareUpdater>
</outConfigs>
</configResolveClass>

```



- (注) `updateComponent` パラメータで特定のコンポーネントを選択し、そのコンポーネントについてのみファームウェアを更新できます。

TFTP を使用した VIC アダプタ構成データのインポート

要求:

```

<configConfMo cookie="cookiecutter" inHierarchical="true"
dn="sys/rack-unit-1/adaptor-MLOM/import-config">
<inConfig>
<adaptorCfgImporter dn="sys/rack-unit-1/adaptor-MLOM/import-config"
adminState="trigger" proto="tftp" hostname="10.10.10.10" remoteFile="tftppapi.xml"/>
</inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/adaptor-MLOM/import-config"
cookie="0000008008/5c0d9f7e-0002-1002-8003-ac7c7d74a254" response="yes">
<outConfig>
<adaptorCfgImporter dn="sys/rack-unit-1/adaptor-MLOM/import-config"
adminState="triggered" descr="import-config" proto="none" hostname="" remoteFile=""
user="" pwd="" progress="Done" status="modified"/>
</outConfig>
</configConfMo>

```

TFTP を使用した VIC ファームウェアの更新

要求:

```

<configConfMo cookie="0000286104/a1778199-0042-1042-8003-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/adaptor-1/mgmt/fw-updatable">
<inConfig>
<firmwareUpdatable adminState="trigger"
dn="sys/rack-unit-1/adaptor-1/mgmt/fw-updatable"
protocol="tftp" remoteServer="10.10.10.10" remotePath="cruzfw1.bin" type="adaptor"/>
</inConfig>
</configConfMo>

```

応答:

```
<configConfMo dn="sys/rack-unit-1/adaptor-1/mgmt/fw-updatable"
cookie="0000286104/a1778199-0042-1042-8003-7e573e8f835c" response="yes">
  <outConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/adaptor-1/mgmt/fw-updatable"
      description="Cisco VIC adapter backup firmware version" adminState="triggered"
      deployment="backup" operState="Idle" version="4.1(1d)" protocol="none" remoteServer=""

      remotePath="" user="" pwd="" progress="Stage: No operation (0%), Status: Idle, Error:
      No error"
      type="adaptor" status="modified"/>
    </outConfig>
  </configConfMo>
```

前述の例では、VIC上のファームウェアが起動および更新され、ユーザは次の要求を定期的に実行することで、更新のステータスを確認できます。

ステータス要求：

```
<configResolveDn cookie="1350860496/b80c15e8-cc99-1c99-8011-1fc9e1a85750"
inHierarchical="true" dn="sys/rack-unit-1/adaptor-1/mgmt/fw-updatable"/>
```

完了後のステータス応答：

```
<configResolveDn cookie="1350860496/b80c15e8-cc99-1c99-8011-1fc9e1a85750" response="yes"
dn="sys/rack-unit-1/adaptor-1/mgmt/fw-updatable">
  <outConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/adaptor-1/mgmt/fw-updatable"
      adminState="triggered"
      deployment="backup" version="2.x(0.xxx)" protocol="tftp" remoteServer="" remotePath=""

      user="" pwd="" progress="Successful" type="adaptor" >
    </firmwareUpdatable>
  </outConfig>
</configResolveDn>
```

VICアダプタパラメータの設定

要求:

```
<configConfMo cookie="0000356151/3380bf82-0053-1053-8004-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/adaptor-1">
  <inConfig>
    <adaptorUnit id="1" description="SL1-PP-System" adminState="adaptor-reset-default"
      dn="sys/rack-unit-1/adaptor-1">
      <adaptorGenProfile dn="sys/rack-unit-1/adaptor-1/general" fipMode="enabled"
      vntagMode="enabled" numOfVMFexIifs="10"/>
    </adaptorUnit>
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/adaptor-1"
cookie="0000356151/3380bf82-0053-1053-8004-7e573e8f835c"
response="yes">
  <outConfig>
    <adaptorUnit id="1" model="UCSC-MLOM-C10T-02" pciAddr="1" pciSlot="1"
      presence="equipped">
```

```

serial="FCH19267ENR" description="SL1-PP-System" adminState="policy"
cimcManagementEnabled="no"
vendor="Cisco Systems Inc" dn="sys/rack-unit-1/adaptor-1" status="modified">
  <adaptorGenProfile rn="general" pciSlot="1" productName="UCS VIC 1227T"
model="UCSC-MLOM-C10T-02"
serial="FCH19267ENR" revision="2" fipMode="Enabled" vntagMode="Enabled" lldp="Enabled"
iscsiBootSupported="True" usnicSupported="True" configurationPending="yes"
numOfVMFexIifs="10"
vendorId="V01" vendor="Cisco Systems Inc" status="modified"/>
  <mgmtController rn="mgmt" model="UCSC-MLOM-C10T-02" serial="FCH19267ENR"
subject="adaptor"
vendor="Cisco Systems Inc" status="modified">
  <firmwareRunning rn="fw-boot-loader" description="Cisco VIC adapter currently
running boot loader firmware version"
deployment="boot-loader" type="adaptor" version="4.0(5b)" status="modified"/>
  <firmwareRunning rn="fw-system" description="Cisco VIC adapter currently running
firmware version"
deployment="system" type="adaptor" version="4.1(1.47)" status="modified"/>
  <firmwareUpdatable rn="fw-updatable" description="Cisco VIC adapter backup
firmware version"
adminState="triggered" deployment="backup" operState="Idle" version="4.1(1d)"
protocol="none"
remoteServer="" remotePath="" user="" pwd="" progress="Stage: No operation (0%), Status:
Idle,
Error: No error" type="adaptor" status="modified"/>
  <firmwareBootDefinition rn="fw-boot-def" type="adaptor" status="modified">
  <firmwareBootUnit rn="bootunit-combined" description="Cisco VIC adapter startup
firmware version"
adminState="triggered" image="running" resetOnActivate="no" type="combined"
version="4.1(1.47)" status="modified"/>
  </firmwareBootDefinition>
  </mgmtController>
  <adaptorExtEthIf portId="0" ifType="physical" linkState="down"
mac="18:8B:9D:72:93:46"
transport="CE" adminSpeed="10Gbps" operSpeed="-" rn="ext-eth-0" status="modified">
  <adaptorConnectorInfo rn="connector-info" present="N/A" supported="N/A" type="N/A"

vendor="N/A" partNumber="N/A" partRevision="N/A" status="modified"/>
  <adaptorLinkTraining rn="link-training" linkTraining="n/a" status="modified"/>
  <adaptorPortProfiles rn="port-profiles" portProfilesCount="0" portProfilesName=""
status="modified"/>
  </adaptorExtEthIf>
  <adaptorExtEthIf portId="1" ifType="physical" linkState="down"
mac="18:8B:9D:72:93:47"
transport="CE" adminSpeed="10Gbps" operSpeed="-" rn="ext-eth-1" status="modified">
  <adaptorConnectorInfo rn="connector-info" present="N/A" supported="N/A" type="N/A"

vendor="N/A" partNumber="N/A" partRevision="N/A" status="modified"/>
  <adaptorLinkTraining rn="link-training" linkTraining="n/a" status="modified"/>
  <adaptorPortProfiles rn="port-profiles" portProfilesCount="0" portProfilesName=""
status="modified"/>
  </adaptorExtEthIf>
  <adaptorHostEthIf name="eth0" cdn="VIC-1-eth0" ifType="virtual"
mac="18:8B:9D:72:93:52" mtu="1500"
pxeBoot="disabled" iscsiBoot="disabled" usnicCount="0" uplinkPort="0" classOfService="N/A"

channelNumber="1" portProfile="" rn="host-eth-eth0" status="modified">
  <adaptorEthGenProfile rn="general" vmq="disabled" arfs="disabled"
uplinkFailover="Disabled"
uplinkFailbackTimeout="5" order="ANY" trustedClassOfService="disabled" rateLimit="N/A"
vlan="N/A"
vlanMode="N/A" status="modified"/>
  <adaptorEthCompQueueProfile rn="eth-comp-q" count="5" ringSize="1"
status="modified"/>

```

```

        <adaptorEthOffloadProfile rn="eth-offload" largeReceive="enabled"
tcpRxChecksum="enabled"
tcpSegment="enabled" tcpTxChecksum="enabled" status="modified"/>
        <adaptorEthRecvQueueProfile rn="eth-rcv-q" count="4" ringSize="512"
status="modified"/>
        <adaptorIpV4RssHashProfile rn="ipv4-rss-hash" ipHash="enabled" tcpHash="enabled"
status="modified"/>
        <adaptorExtIpV6RssHashProfile rn="ext-ipv6-rss-hash" ipHash="disabled"
tcpHash="disabled" status="modified"/>
        <adaptorEthWorkQueueProfile rn="eth-work-q" count="1" ringSize="256"
status="modified"/>
        <adaptorIpV6RssHashProfile rn="ipv6-rss-hash" ipHash="enabled" tcpHash="enabled"
status="modified"/>
        <adaptorRssProfile rn="rss" receiveSideScaling="enabled" status="modified"/>
        <adaptorEthInterruptProfile rn="eth-int" coalescingType="MIN" coalescingTime="125"

count="8" mode="MSIx" status="modified"/>
    </adaptorHostEthIf>
    <adaptorHostEthIf name="eth1" cdn="VIC-1-eth1" ifType="virtual"
mac="18:8B:9D:72:93:53"
mtu="1500" pxeBoot="disabled" iscsiBoot="disabled" usnicCount="0" uplinkPort="1"
classOfService="N/A"
channelNumber="2" portProfile="" rn="host-eth-eth1" status="modified">
        <adaptorEthGenProfile rn="general" vmq="disabled" arfs="disabled"
uplinkFailover="Disabled"
uplinkFailbackTimeout="5" order="ANY" trustedClassOfService="disabled" rateLimit="N/A"
vlan="N/A"
vlanMode="N/A" status="modified"/>
        <adaptorEthCompQueueProfile rn="eth-comp-q" count="5" ringSize="1"
status="modified"/>
        <adaptorEthOffloadProfile rn="eth-offload" largeReceive="enabled"
tcpRxChecksum="enabled"
tcpSegment="enabled" tcpTxChecksum="enabled" status="modified"/>
        <adaptorEthRecvQueueProfile rn="eth-rcv-q" count="4" ringSize="512"
status="modified"/>
        <adaptorIpV4RssHashProfile rn="ipv4-rss-hash" ipHash="enabled" tcpHash="enabled"
status="modified"/>
        <adaptorExtIpV6RssHashProfile rn="ext-ipv6-rss-hash" ipHash="disabled"
tcpHash="disabled" status="modified"/>
        <adaptorEthWorkQueueProfile rn="eth-work-q" count="1" ringSize="256"
status="modified"/>
        <adaptorIpV6RssHashProfile rn="ipv6-rss-hash" ipHash="enabled" tcpHash="enabled"
status="modified"/>
        <adaptorRssProfile rn="rss" receiveSideScaling="enabled" status="modified"/>
        <adaptorEthInterruptProfile rn="eth-int" coalescingType="MIN" coalescingTime="125"

count="8" mode="MSIx" status="modified"/>
    </adaptorHostEthIf>
    <adaptorHostFcIf name="fc0" ifType="virtual" wwnn="10:00:18:8B:9D:72:93:54"
wwpn="20:00:18:8B:9D:72:93:54" uplinkPort="0" sanBoot="disabled" channelNumber="3"
portProfile=""
adminPersistentBindings="policy" rn="host-fc-fc0" status="modified">
        <adaptorFcGenProfile rn="general" mac="18:8B:9D:72:93:54" order="ANY"
classOfService="N/A"
rateLimit="N/A" vlan="NONE" persistentLunBind="disabled" maxDataFieldSize="2112"
status="modified"/>
        <adaptorFcErrorRecoveryProfile rn="fc-err-rec" errorDetectTimeout="2000"
fcpErrorRecovery="disabled"
linkDownTimeout="30000" portDownIoRetryCount="8" portDownTimeout="10000"
resourceAllocationTimeout="10000"
ioTimeoutRetry="5" status="modified"/>
        <adaptorFcInterruptProfile rn="fc-int" mode="MSIx" status="modified"/>
        <adaptorFcPortFLogiProfile rn="fc-port-flogi" retries="INFINITE" timeout="2000"
status="modified"/>

```

```

        <adaptorFcPortPLogiProfile rn="fc-port-plogi" retries="8" timeout="2000"
status="modified"/>
        <adaptorFcPortProfile rn="fc-port" ioThrottleCount="512" lunsPerTarget="256"
lunQueueDepth="20" status="modified"/>
        <adaptorFcRecvQueueProfile rn="fc-rcv-q" ringSize="64" status="modified"/>
        <adaptorFcWorkQueueProfile rn="fc-work-q" ringSize="64" status="modified"/>
        <adaptorFcCdbWorkQueueProfile rn="fc-cdb-work-q" count="1" ringSize="512"
status="modified"/>
    </adaptorHostFcIf>
    <adaptorHostFcIf name="fc1" ifType="virtual" wwnn="10:00:18:8B:9D:72:93:55"
wwpn="20:00:18:8B:9D:72:93:55"
uplinkPort="1" sanBoot="disabled" channelNumber="4" portProfile=""
adminPersistentBindings="policy"
rn="host-fc-fc1" status="modified">
        <adaptorFcGenProfile rn="general" mac="18:8B:9D:72:93:55" order="ANY"
classOfService="N/A"
rateLimit="N/A" vlan="NONE" persistentLunBind="disabled" maxDataFieldSize="2112"
status="modified"/>
        <adaptorFcErrorRecoveryProfile rn="fc-err-rec" errorDetectTimeout="2000"
fcpErrorRecovery="disabled"
linkDownTimeout="30000" portDownIoRetryCount="8" portDownTimeout="10000"
resourceAllocationTimeout="10000"
ioTimeoutRetry="5" status="modified"/>
        <adaptorFcInterruptProfile rn="fc-int" mode="MSIX" status="modified"/>
        <adaptorFcPortFLogiProfile rn="fc-port-flogi" retries="INFINITE" timeout="2000"
status="modified"/>
        <adaptorFcPortPLogiProfile rn="fc-port-plogi" retries="8" timeout="2000"
status="modified"/>
        <adaptorFcPortProfile rn="fc-port" ioThrottleCount="512" lunsPerTarget="256"
lunQueueDepth="20" status="modified"/>
        <adaptorFcRecvQueueProfile rn="fc-rcv-q" ringSize="64" status="modified"/>
        <adaptorFcWorkQueueProfile rn="fc-work-q" ringSize="64" status="modified"/>
        <adaptorFcCdbWorkQueueProfile rn="fc-cdb-work-q" count="1" ringSize="512"
status="modified"/>
    </adaptorHostFcIf>
    <adaptorVMFexEthIf name="pts0" ifType="virtual" mtu="1500" uplinkPort="0"
classOfService="N/A"
pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"
uplinkFailbackTimeout="5"
rn="vmfex-eth-pts0" status="modified">
        <adaptorVMFexEthProfile rn="vmfexprofile" name="pts0"
trustedClassOfService="disabled" pciOrder="19"
completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"
coalescingTime="125"
interruptCount="6" interruptMode="MSI" largeReceive="enabled" tcpRxChecksum="enabled"
tcpSegment="enabled"
tcpTxChecksum="enabled" receiveQueueCount="4" receiveQueueRingSize="512"
receiveSideScaling="enabled"
receiveSideScalingIpV4Hash="enabled" receiveSideScalingTCPIPv4Hash="enabled"
receiveSideScalingIpV6Hash="enabled" receiveSideScalingTCPIPv6Hash="enabled"
receiveSideScalingExtIpV6Hash="disabled" receiveSideScalingExtTCPv6Hash="disabled"
transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
    </adaptorVMFexEthIf>
    <adaptorVMFexEthIf name="pts1" ifType="virtual" mtu="1500" uplinkPort="1"
classOfService="N/A"
pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"
uplinkFailbackTimeout="5"
rn="vmfex-eth-pts1" status="modified">
        <adaptorVMFexEthProfile rn="vmfexprofile" name="pts1"
trustedClassOfService="disabled"
pciOrder="19" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"
coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"

```

```

tcpRxChecksum="enabled" tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"

receiveQueueRingSize="512" receiveSideScaling="enabled"
receiveSideScalingIPv4Hash="enabled"
receiveSideScalingTCPIPv4Hash="enabled" receiveSideScalingIPv6Hash="enabled"
receiveSideScalingTCPIPv6Hash="enabled" receiveSideScalingExtIPv6Hash="disabled"
receiveSideScalingExtTCPIPv6Hash="disabled" transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorVMFexEthIf name="pts2" ifType="virtual" mtu="1500" uplinkPort="0"
classOfService="N/A"
pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"
uplinkFailbackTimeout="5"
rn="vmfex-eth-pts2" status="modified">
  <adaptorVMFexEthProfile rn="vmfexprofile" name="pts2"
trustedClassOfService="disabled"
pciOrder="19" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"

coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"
tcpRxChecksum="enabled"
tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"
receiveQueueRingSize="512"
receiveSideScaling="enabled" receiveSideScalingIPv4Hash="enabled"
receiveSideScalingTCPIPv4Hash="enabled"
receiveSideScalingIPv6Hash="enabled" receiveSideScalingTCPIPv6Hash="enabled"
receiveSideScalingExtIPv6Hash="disabled"
receiveSideScalingExtTCPIPv6Hash="disabled" transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorVMFexEthIf name="pts3" ifType="virtual" mtu="1500" uplinkPort="1"
classOfService="N/A"
pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"
uplinkFailbackTimeout="5"
rn="vmfex-eth-pts3" status="modified">
  <adaptorVMFexEthProfile rn="vmfexprofile" name="pts3"
trustedClassOfService="disabled"
pciOrder="19" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"

coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"
tcpRxChecksum="enabled" tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"

receiveQueueRingSize="512" receiveSideScaling="enabled"
receiveSideScalingIPv4Hash="enabled"
receiveSideScalingTCPIPv4Hash="enabled" receiveSideScalingIPv6Hash="enabled"
receiveSideScalingTCPIPv6Hash="enabled" receiveSideScalingExtIPv6Hash="disabled"
receiveSideScalingExtTCPIPv6Hash="disabled" transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorVMFexEthIf name="pts4" ifType="virtual" mtu="1500" uplinkPort="0"
classOfService="N/A" pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"

uplinkFailbackTimeout="5" rn="vmfex-eth-pts4" status="modified">
  <adaptorVMFexEthProfile rn="vmfexprofile" name="pts4"
trustedClassOfService="disabled"
pciOrder="19" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"

coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"
tcpRxChecksum="enabled"
tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"
receiveQueueRingSize="512"
receiveSideScaling="enabled" receiveSideScalingIPv4Hash="enabled"
receiveSideScalingTCPIPv4Hash="enabled"
receiveSideScalingIPv6Hash="enabled" receiveSideScalingTCPIPv6Hash="enabled"
receiveSideScalingExtIPv6Hash="disabled" receiveSideScalingExtTCPIPv6Hash="disabled"

```



```
transmitQueueCount="1" transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorVMFexEthIf name="pts5" ifType="virtual" mtu="1500" uplinkPort="1"
classOfService="N/A" pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"
uplinkFailbackTimeout="5" rn="vmfex-eth-pts5" status="modified">
  <adaptorVMFexEthProfile rn="vmfexprofile" name="pts5"
trustedClassOfService="disabled"
pciOrder="19" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"
coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"
tcpRxChecksum="enabled" tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"
receiveQueueRingSize="512" receiveSideScaling="enabled"
receiveSideScalingIpV4Hash="enabled"
receiveSideScalingTCPIpV4Hash="enabled" receiveSideScalingIpV6Hash="enabled"
receiveSideScalingTCPIpV6Hash="enabled" receiveSideScalingExtIpV6Hash="disabled"
receiveSideScalingExtTCPIpV6Hash="disabled" transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorVMFexEthIf name="pts6" ifType="virtual" mtu="1500" uplinkPort="0"
classOfService="N/A" pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"
uplinkFailbackTimeout="5" rn="vmfex-eth-pts6" status="modified">
  <adaptorVMFexEthProfile rn="vmfexprofile" name="pts6"
trustedClassOfService="disabled"
pciOrder="19" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"
coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"
tcpRxChecksum="enabled" tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"
receiveQueueRingSize="512" receiveSideScaling="enabled"
receiveSideScalingIpV4Hash="enabled"
receiveSideScalingTCPIpV4Hash="enabled" receiveSideScalingIpV6Hash="enabled"
receiveSideScalingTCPIpV6Hash="enabled" receiveSideScalingExtIpV6Hash="disabled"
receiveSideScalingExtTCPIpV6Hash="disabled" transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorVMFexEthIf name="pts7" ifType="virtual" mtu="1500" uplinkPort="1"
classOfService="N/A"
pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"
uplinkFailbackTimeout="5"
rn="vmfex-eth-pts7" status="modified">
  <adaptorVMFexEthProfile rn="vmfexprofile" name="pts7"
trustedClassOfService="disabled"
pciOrder="19" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"
coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"
tcpRxChecksum="enabled" tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"
receiveQueueRingSize="512" receiveSideScaling="enabled"
receiveSideScalingIpV4Hash="enabled"
receiveSideScalingTCPIpV4Hash="enabled" receiveSideScalingIpV6Hash="enabled"
receiveSideScalingTCPIpV6Hash="enabled" receiveSideScalingExtIpV6Hash="disabled"
receiveSideScalingExtTCPIpV6Hash="disabled" transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorVMFexEthIf name="pts8" ifType="virtual" mtu="1500" uplinkPort="0"
classOfService="N/A" pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"
uplinkFailbackTimeout="5" rn="vmfex-eth-pts8" status="modified">
  <adaptorVMFexEthProfile rn="vmfexprofile" name="pts8"
trustedClassOfService="disabled"
pciOrder="20" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"
```

```

coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"
tcpRxChecksum="enabled" tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"

receiveQueueRingSize="512" receiveSideScaling="enabled"
receiveSideScalingIpV4Hash="enabled"
receiveSideScalingTCPIpV4Hash="enabled" receiveSideScalingIpV6Hash="enabled"
receiveSideScalingTCPIpV6Hash="enabled" receiveSideScalingExtIpV6Hash="disabled"
receiveSideScalingExtTCPIpV6Hash="disabled" transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorVMFexEthIf name="pts9" ifType="virtual" mtu="1500" uplinkPort="1"
classOfService="N/A" pxeBoot="disabled" vlan="N/A" vlanMode="N/A" uplinkFailover="Enabled"

uplinkFailbackTimeout="5" rn="vmfex-eth-pts9" status="modified">
  <adaptorVMFexEthProfile rn="vmfexprofile" name="pts9"
trustedClassOfService="disabled"
pciOrder="20" completionQueueCount="5" completionQueueRingSize="1" coalescingType="MIN"

coalescingTime="125" interruptCount="6" interruptMode="MSI" largeReceive="enabled"
tcpRxChecksum="enabled" tcpSegment="enabled" tcpTxChecksum="enabled" receiveQueueCount="4"

receiveQueueRingSize="512" receiveSideScaling="enabled"
receiveSideScalingIpV4Hash="enabled"
receiveSideScalingTCPIpV4Hash="enabled" receiveSideScalingIpV6Hash="enabled"
receiveSideScalingTCPIpV6Hash="enabled" receiveSideScalingExtIpV6Hash="disabled"
receiveSideScalingExtTCPIpV6Hash="disabled" transmitQueueCount="1"
transmitQueueRingSize="256" status="modified"/>
  </adaptorVMFexEthIf>
  <adaptorCfgImporter rn="import-config" adminState="triggered" descr="import-config"

proto="none" hostname="" remoteFile="" user="" pwd="" progress="Done" status="modified"/>

  <adaptorCfgBackup rn="export-config" adminState="triggered" descr="export-config"

proto="none" hostname="" remoteFile="" user="" pwd="" progress="Done" status="modified"/>

  </adaptorUnit>
</outConfig>
</configConfMo>

```

VIC アダプタの一般プロファイルの詳細の取得

要求:

```

<configResolveClass cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c"
inHierarchical="true" classId="adaptorGenProfile"/>

```

応答:

```

<configResolveClass cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c"
response="yes" classId="adaptorGenProfile">
  <outConfigs>
    <adaptorGenProfile dn="sys/rack-unit-1/adaptor-1/general" pciSlot="1"
productName="UCS VIC 1227T" model="UCSC-MLOM-C10T-02" serial="FCH19267ENR"
revision="2" fipMode="Enabled" vntagMode="Enabled" lldp="Enabled"
iscsiBootSupported="True" usnicSupported="True" configurationPending="yes"
numOfVMFexIfs="10" vendorId="V01" vendor="Cisco Systems Inc"/>
  </outConfigs>
</configResolveClass>

```

VIC アダプタのアップリンク ポートの詳細の取得

要求:

```
<configResolveClass cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c"
inHierarchical="true" classId="adaptorExtEthIf"/>
```

応答:

```
<configResolveClass cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c"
response="yes" classId="adaptorExtEthIf">
  <outConfigs>
    <adaptorExtEthIf portId="0" ifType="physical" linkState="down"
      mac="18:8B:9D:72:93:46" transport="CE" adminSpeed="10Gbps"
      operSpeed="-" dn="sys/rack-unit-1/adaptor-1/ext-eth-0">
      <adaptorConnectorInfo rn="connector-info" present="N/A" supported="N/A" type="N/A"
        vendor="N/A" partNumber="N/A" partRevision="N/A"/>
      <adaptorLinkTraining rn="link-training" linkTraining="n/a"/>
      <adaptorPortProfiles rn="port-profiles" portProfilesCount="0" portProfilesName=""/>
    </adaptorExtEthIf>
    <adaptorExtEthIf portId="1" ifType="physical" linkState="down" mac="18:8B:9D:72:93:47"
      transport="CE" adminSpeed="10Gbps" operSpeed="-"
      dn="sys/rack-unit-1/adaptor-1/ext-eth-1">
      <adaptorConnectorInfo rn="connector-info" present="N/A" supported="N/A" type="N/A"
        vendor="N/A" partNumber="N/A" partRevision="N/A"/>
      <adaptorLinkTraining rn="link-training" linkTraining="n/a"/>
      <adaptorPortProfiles rn="port-profiles" portProfilesCount="0" portProfilesName=""/>
    </adaptorExtEthIf>
  </outConfigs>
</configResolveClass>
```

VIC アダプタのアップリンク ポート速度の設定

要求:

```
<configConfMo cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/adaptor-1/ext-eth-0">
  <inConfig>
    <adaptorExtEthIf portId="0" adminSpeed="10Gbps"
      dn="sys/rack-unit-1/adaptor-1/ext-eth-0"/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/adaptor-1/ext-eth-0"
cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c" response="yes">
  <outConfig>
    <adaptorExtEthIf portId="0" ifType="physical" linkState="down" mac="18:8B:9D:72:93:46"
      transport="CE" adminSpeed="10Gbps" operSpeed="-"
      dn="sys/rack-unit-1/adaptor-1/ext-eth-0" status="modified">
      <adaptorConnectorInfo rn="connector-info" present="N/A" supported="N/A" type="N/A"
        vendor="N/A" partNumber="N/A" partRevision="N/A" status="modified"/>
      <adaptorLinkTraining rn="link-training" linkTraining="n/a" status="modified"/>
      <adaptorPortProfiles rn="port-profiles" portProfilesCount="0" portProfilesName=""
```

```

status="modified"/>
</adaptorExtEthIf>
</outConfig>
</configConfMo>

```



(注) アップリンク ポートの速度の設定は、Cisco UCS VIC1225T 仮想インターフェイスカードでのみサポートされます。

アダプタのイーサネット インターフェイスの詳細の取得

要求:

```

<configResolveClass cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c"
inHierarchical="true" classId="adaptorHostEthIf"/>

```

応答:

```

<configResolveClass cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c"
response="yes" classId="adaptorHostEthIf">
  <outConfigs>
    <adaptorHostEthIf name="eth0" cdn="VIC-1-eth0" ifType="virtual"
      mac="18:8B:9D:72:93:52" mtu="1500" pxeBoot="disabled" iscsiBoot="disabled"
      usnicCount="0" uplinkPort="0" classOfService="N/A" channelNumber="1" portProfile=""
      dn="sys/rack-unit-1/adaptor-1/host-eth-eth0">
      <adaptorEthGenProfile rn="general" vmq="disabled" arfs="disabled"
        uplinkFailover="Disabled" uplinkFailbackTimeout="5" order="ANY"
        trustedClassOfService="disabled"
        rateLimit="N/A" vlan="N/A" vlanMode="N/A"/>
      <adaptorEthCompQueueProfile rn="eth-comp-q" count="5" ringSize="1"/>
      <adaptorEthOffloadProfile rn="eth-offload" largeReceive="enabled"
        tcpRxChecksum="enabled"
        tcpSegment="enabled" tcpTxChecksum="enabled"/>
      <adaptorEthRecvQueueProfile rn="eth-rcv-q" count="4" ringSize="512"/>
      <adaptorIpV4RssHashProfile rn="ipv4-rss-hash" ipHash="enabled" tcpHash="enabled"/>
      <adaptorExtIpV6RssHashProfile rn="ext-ipv6-rss-hash" ipHash="disabled"
        tcpHash="disabled"/>
      <adaptorEthWorkQueueProfile rn="eth-work-q" count="1" ringSize="256"/>
      <adaptorIpV6RssHashProfile rn="ipv6-rss-hash" ipHash="enabled" tcpHash="enabled"/>
      <adaptorRssProfile rn="rss" receiveSideScaling="enabled"/>
      <adaptorEthInterruptProfile rn="eth-int" coalescingType="MIN" coalescingTime="125"
        count="8" mode="MSIX"/>
    </adaptorHostEthIf>
    <adaptorHostEthIf name="eth1" cdn="VIC-1-eth1" ifType="virtual" mac="18:8B:9D:72:93:53"
      mtu="1500"
      pxeBoot="disabled" iscsiBoot="disabled" usnicCount="0" uplinkPort="1"
      classOfService="N/A" channelNumber="2"
      portProfile="" dn="sys/rack-unit-1/adaptor-1/host-eth-eth1">
      <adaptorEthGenProfile rn="general" vmq="disabled" arfs="disabled"
        uplinkFailover="Disabled"
        uplinkFailbackTimeout="5" order="ANY" trustedClassOfService="disabled"
        rateLimit="N/A" vlan="N/A" vlanMode="N/A"/>
      <adaptorEthCompQueueProfile rn="eth-comp-q" count="5" ringSize="1"/>
      <adaptorEthOffloadProfile rn="eth-offload" largeReceive="enabled"
        tcpRxChecksum="enabled"

```

```

tcpSegment="enabled" tcpTxChecksum="enabled"/>
<adaptorEthRecvQueueProfile rn="eth-rcv-q" count="4" ringSize="512"/>
<adaptorIpV4RssHashProfile rn="ipv4-rss-hash" ipHash="enabled" tcpHash="enabled"/>

<adaptorExtIpV6RssHashProfile rn="ext-ipv6-rss-hash" ipHash="disabled"
tcpHash="disabled"/>
<adaptorEthWorkQueueProfile rn="eth-work-q" count="1" ringSize="256"/>
<adaptorIpV6RssHashProfile rn="ipv6-rss-hash" ipHash="enabled" tcpHash="enabled"/>

<adaptorRssProfile rn="rss" receiveSideScaling="enabled"/>
<adaptorEthInterruptProfile rn="eth-int" coalescingType="MIN" coalescingTime="125"
count="8" mode="MSIx"/>
</adaptorHostEthIf>
</outConfigs>
</configResolveClass>

```

アダプタのイーサネットインターフェイスの作成

要求:

```

<configConfMo cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/adaptor-1/host-eth-eth2">
<inConfig>
<adaptorHostEthIf name="eth2" mac="AUTO" mtu="1500" pxeBoot="disabled" uplinkPort="0"

classOfService="0" dn="sys/rack-unit-1/adaptor-1/host-eth-eth2" status="created">
<adaptorEthGenProfile rn="general" order="ANY" trustedClassOfService="disabled"
rateLimit="OFF" vlan="NONE" vlanMode="TRUNK"/>
<adaptorEthCompQueueProfile rn="eth-comp-q" count="5"/>
<adaptorEthOffloadProfile rn="eth-offload" largeReceive="enabled"
tcpRxChecksum="enabled" tcpSegment="enabled" tcpTxChecksum="enabled"/>
<adaptorEthRecvQueueProfile rn="eth-rcv-q" count="4" ringSize="512"/>
<adaptorIpV4RssHashProfile rn="ipv4-rss-hash" ipHash="enabled" tcpHash="enabled"/>

<adaptorExtIpV6RssHashProfile rn="ext-ipv6-rss-hash" ipHash="disabled"
tcpHash="disabled"/>
<adaptorEthWorkQueueProfile rn="eth-work-q" count="1" ringSize="256"/>
<adaptorIpV6RssHashProfile rn="ipv6-rss-hash" ipHash="enabled" tcpHash="enabled"/>

<adaptorRssProfile rn="rss" receiveSideScaling="enabled"/>
<adaptorEthInterruptProfile rn="eth-int" coalescingType="MIN" coalescingTime="125"
count="8" mode="MSIx"/>
</adaptorHostEthIf>
</inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/adaptor-1/host-eth-eth2"
cookie="0000357041/1800a4e5-0054-1054-8005-7e573e8f835c" response="yes">
<outConfig>
<adaptorHostEthIf name="eth2" cdn="VIC-1-eth2" ifType="virtual"
mac="18:8B:9D:72:93:56" mtu="1500" pxeBoot="disabled" iscsiBoot="disabled"
usnicCount="0" uplinkPort="0" classOfService="0" channelNumber="N/A"
portProfile="N/A"
dn="sys/rack-unit-1/adaptor-1/host-eth-eth2" status="created">
<adaptorEthGenProfile rn="general" vmq="disabled" arfs="disabled"
uplinkFailover="N/A"
uplinkFailbackTimeout="N/A" order="ANY" trustedClassOfService="disabled"
rateLimit="OFF"
vlan="NONE" vlanMode="TRUNK" status="created"/>

```

```

<adaptorEthCompQueueProfile rn="eth-comp-q" count="5" ringSize="1" status="created"/>

  <adaptorEthOffloadProfile rn="eth-offload" largeReceive="enabled"
tcpRxChecksum="enabled"
  tcpSegment="enabled" tcpTxChecksum="enabled" status="created"/>
  <adaptorEthRecvQueueProfile rn="eth-rcv-q" count="4" ringSize="512"
status="created"/>status="created"/>status="created"/>status="created"/>

```

イーサネットインターフェイスのプロパティの変更

要求：

```

<configConfMo cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/adaptor-1/host-eth-eth2">
  <inConfig>
    <adaptorHostEthIf name="eth2" mac="AUTO" mtu="2222" pxeBoot="enabled"
      uplinkPort="0" classOfService="2" dn="sys/rack-unit-1/adaptor-1/host-eth-eth2">
      <adaptorEthGenProfile rn="general" order="ANY" trustedClassOfService="disabled"
rateLimit="OFF" vlan="NONE" vlanMode="TRUNK"/>
      <adaptorEthCompQueueProfile rn="eth-comp-q" count="5"/>
      <adaptorEthOffloadProfile rn="eth-offload" largeReceive="disabled"
tcpRxChecksum="enabled"
      tcpSegment="enabled" tcpTxChecksum="enabled"/>
      <adaptorEthRecvQueueProfile rn="eth-rcv-q" count="4" ringSize="256"/>
      <adaptorIpV4RssHashProfile rn="ipv4-rss-hash" ipHash="enabled" tcpHash="enabled"/>

      <adaptorExtIpV6RssHashProfile rn="ext-ipv6-rss-hash" ipHash="disabled"
tcpHash="disabled"/>
      <adaptorEthWorkQueueProfile rn="eth-work-q" count="1" ringSize="256"/>
      <adaptorIpV6RssHashProfile rn="ipv6-rss-hash" ipHash="enabled" tcpHash="disabled"/>

      <adaptorRssProfile rn="rss" receiveSideScaling="enabled"/>
      <adaptorEthInterruptProfile rn="eth-int" coalescingType="MIN" coalescingTime="125"
count="8" mode="MSIx"/>
    </adaptorHostEthIf>
  </inConfig>
</configConfMo>

```

応答：強調表示されている変更が行われているはずですが。Cisco IMC または Web ユーザ インターフェイスで変更を確認してください。

応答：

```
<configConfMo dn="sys/rack-unit-1/adaptor-1/host-eth-eth2"
cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c" response="yes">
  <outConfig>
    <adaptorHostEthIf name="eth2" cdn="VIC-1-eth2" ifType="virtual" mac="18:8B:9D:72:93:56"

      mtu="2222" pxeBoot="enabled" iscsiBoot="disabled" usnicCount="0" uplinkPort="0"
      classOfService="2" channelNumber="N/A" portProfile="N/A"
dn="sys/rack-unit-1/adaptor-1/host-eth-eth2"
      status="modified">
    <adaptorEthGenProfile rn="general" vmq="disabled" arfs="disabled" uplinkFailover="N/A"

      uplinkFailbackTimeout="N/A" order="ANY" trustedClassOfService="disabled"
rateLimit="OFF"
      vlan="NONE" vlanMode="TRUNK" status="modified"/>
    <adaptorEthCompQueueProfile rn="eth-comp-q" count="5" ringSize="1" status="modified"/>

    <adaptorEthOffloadProfile rn="eth-offload" largeReceive="disabled"
tcpRxChecksum="enabled"
      tcpSegment="enabled" tcpTxChecksum="enabled" status="modified"/>
    <adaptorEthRecvQueueProfile rn="eth-rcv-q" count="4" ringSize="256"
status="modified"/>
    <adaptorIpV4RssHashProfile rn="ipv4-rss-hash" ipHash="enabled" tcpHash="enabled"
status="modified"/>
    <adaptorExtIpV6RssHashProfile rn="ext-ipv6-rss-hash" ipHash="disabled"
tcpHash="disabled" status="modified"/>
    <adaptorEthWorkQueueProfile rn="eth-work-q" count="1" ringSize="256"
status="modified"/>
    <adaptorIpV6RssHashProfile rn="ipv6-rss-hash" ipHash="enabled" tcpHash="disabled"
status="modified"/>
    <adaptorRssProfile rn="rss" receiveSideScaling="enabled" status="modified"/>
    <adaptorEthInterruptProfile rn="eth-int" coalescingType="MIN" coalescingTime="125"
count="8"
      mode="MSIX" status="modified"/>
    </adaptorHostEthIf>
  </outConfig>
</configConfMo>
```

イーサネット インターフェイスの削除

要求 :

```
<configConfMo cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/adaptor-1/host-eth-eth2">
  <inConfig>
    <adaptorHostEthIf name="eth2" mac="AUTO" mtu="2222" pxeBoot="enabled"
      uplinkPort="0" classOfService="2" dn="sys/rack-unit-1/adaptor-1/host-eth-eth2"
status="deleted"/>
  </inConfig>
</configConfMo>
```

これによって選択されたイーサネット インターフェイスが削除されます。

応答 :

```
<configConfMo dn="sys/rack-unit-1/adaptor-1/host-eth-eth2"
cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c" response="yes">
  <outConfig>
  </outConfig>
</configConfMo>
```

アダプタのファイバチャネル インターフェイスの詳細の取得

要求:

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" classId="adaptorHostFcIf"/>
```

応答 :

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
response="yes" classId="adaptorHostFcIf">
  <outConfigs>
    <adaptorHostFcIf name="fc0" ifType="virtual" wwnn="10:00:18:8B:9D:72:93:54"
      wwpn="20:00:18:8B:9D:72:93:54" uplinkPort="0" sanBoot="disabled" channelNumber="N/A"

      portProfile="N/A" adminPersistentBindings="policy"
dn="sys/rack-unit-1/adaptor-1/host-fc-fc0">
      <adaptorFcGenProfile rn="general" mac="18:8B:9D:72:93:54" order="ANY"
classOfService="3"
      rateLimit="OFF" vlan="NONE" persistentLunBind="disabled" maxDataFieldSize="2112"/>

      <adaptorFcErrorRecoveryProfile rn="fc-err-rec" errorDetectTimeout="2000"
fcpErrorRecovery="disabled" linkDownTimeout="30000" portDownIoRetryCount="8"
portDownTimeout="10000" resourceAllocationTimeout="10000" ioTimeoutRetry="5"/>
      <adaptorFcInterruptProfile rn="fc-int" mode="MSIx"/>
      <adaptorFcPortFLogiProfile rn="fc-port-flogi" retries="INFINITE" timeout="2000"/>
      <adaptorFcPortPLogiProfile rn="fc-port-plogi" retries="8" timeout="2000"/>
      <adaptorFcPortProfile rn="fc-port" ioThrottleCount="512" lunsPerTarget="256"
lunQueueDepth="20"/>
      <adaptorFcRecvQueueProfile rn="fc-rcv-q" ringSize="64"/>
      <adaptorFcWorkQueueProfile rn="fc-work-q" ringSize="64"/>
      <adaptorFcCdbWorkQueueProfile rn="fc-cdb-work-q" count="1" ringSize="512"/>
    </adaptorHostFcIf>
    <adaptorHostFcIf name="fc1" ifType="virtual" wwnn="10:00:18:8B:9D:72:93:55"
      wwpn="20:00:18:8B:9D:72:93:55" uplinkPort="1" sanBoot="disabled" channelNumber="N/A"

      portProfile="N/A" adminPersistentBindings="policy"
dn="sys/rack-unit-1/adaptor-1/host-fc-fc1">
      <adaptorFcGenProfile rn="general" mac="18:8B:9D:72:93:55" order="ANY"
classOfService="3" rateLimit="OFF"
      vlan="NONE" persistentLunBind="disabled" maxDataFieldSize="2112"/>
      <adaptorFcErrorRecoveryProfile rn="fc-err-rec" errorDetectTimeout="2000"
fcpErrorRecovery="disabled"
      linkDownTimeout="30000" portDownIoRetryCount="8" portDownTimeout="10000"
resourceAllocationTimeout="10000" ioTimeoutRetry="5"/>
      <adaptorFcInterruptProfile rn="fc-int" mode="MSIx"/>
      <adaptorFcPortFLogiProfile rn="fc-port-flogi" retries="INFINITE" timeout="2000"/>
      <adaptorFcPortPLogiProfile rn="fc-port-plogi" retries="8" timeout="2000"/>
      <adaptorFcPortProfile rn="fc-port" ioThrottleCount="512" lunsPerTarget="256"
lunQueueDepth="20"/>
      <adaptorFcRecvQueueProfile rn="fc-rcv-q" ringSize="64"/>
      <adaptorFcWorkQueueProfile rn="fc-work-q" ringSize="64"/>
      <adaptorFcCdbWorkQueueProfile rn="fc-cdb-work-q" count="1" ringSize="512"/>
    </adaptorHostFcIf>
  </outConfigs>
</configResolveClass>
```

ファイバチャネル インターフェイスのブート エントリの作成

要求:


```
<configConfMo cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/adaptor-1/host-fc-fc0/fcboot-0">
  <inConfig>
    <adaptorFcBootTestTable dn="sys/rack-unit-1/adaptor-1/host-fc-fc0/fcboot-0"
targetWwpn="20:11:22:33:44:55:66:78" bootLun="1" status="created"/>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/adaptor-1/host-fc-fc0/fcboot-0"
cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c" response="yes">
  <outConfig>
    <adaptorFcBootTestTable index="0" targetWwpn="20:11:22:33:44:55:66:78" bootLun="1"
dn="sys/rack-unit-1/adaptor-1/host-fc-fc0/fcboot-0" status="created"/>
  </outConfig>
</configConfMo>
```

ワンタイム ブート用の HUU の設定

要求 :

```
<configConfMo cookie='1342064443/ba6bccf0-c499-1499-8002-134c9ee53d50'
inHierarchical='false' dn='sys/rack-unit-1/boot-one-time' >
  <inConfig>
    <oneTimeBootDevice device='huu' dn='sys/rack-unit-1/boot-one-time'>
      </oneTimeBootDevice>
  </inConfig>
</configConfMo>
```

これはユーザ インターフェイスで確認できます。この例と同様に、SCU および HV をワンタイム ブート デバイスとして設定することもできます。

ユーザ名がある VMedia への共有のマウント

要求:

```
<configConfMo cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="false" dn="sys/svc-ext/vmedia-svc/vmmap-WIN7">
  <inConfig>
    <commVMediaMap map="nfs" dn="sys/svc-ext/vmedia-svc/vmmap-WIN7"
volumeName="WIN7" remoteShare="10.10.10.10:/nfs" remoteFile="s1lhuu.iso"/>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/svc-ext/vmedia-svc/vmmap-WIN7"
cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c" response="yes">
  <outConfig>
    <commVMediaMap volumeName="WIN7" map="nfs" remoteShare="10.10.10.10:/nfs"
remoteFile="s1lhuu.iso"
mountOptions="nolock,noexec,soft,timeo=100,retry=2,rsz=3072,wsz=3072"
mappingStatus="ERROR: mounting 10.10.10.10:/nfs failed: Permission denied "
password=""
dn="sys/svc-ext/vmedia-svc/vmmap-WIN7" status="created"/>
```

```
</outConfig>
</configConfMo>
```

ユーザ名がない VMedia への共有のマウント

要求:

```
<configConfMo cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
dn="sys/svc-ext/vmedia-svc/vmmap-Win12" inHierarchical="false">
  <inConfig>
    <commVMediaMap dn="sys/svc-ext/vmedia-svc/vmmap-Win12" map="www"
      mountOptions="username=,password="
remoteFile="en_windows_server_2012_x64_dvd_915478.iso"
      remoteShare="http://10.10.10.10/" status="created" volumeName="Win12"/>
    </inConfig>
  </configConfMo>
```

応答 :

```
<configConfMo dn="sys/svc-ext/vmedia-svc/vmmap-Win12"
cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c" response="yes">
  <outConfig>
    <commVMediaMap volumeName="Win12" map="www" remoteShare="http://10.10.10.10/"
      remoteFile="en_windows_server_2012_x64_dvd_915478.iso" mountOptions="noauto,
      username=,password=" mappingStatus="ERROR: mount.httpfs2: HEAD: reply didn't contain
      Content-Length! "
      password="" dn="sys/svc-ext/vmedia-svc/vmmap-Win12" status="created"/>
    </outConfig>
  </configConfMo>
```

Remotesyslog プライマリ サーバの設定

要求:

```
<configConfMo cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="false" dn="sys/svc-ext/syslog/client-primary">
  <inConfig>
    <commSyslogClient name="primary" adminState="enabled"
      hostname="10.xxx.196.xxx" port="900" dn="sys/svc-ext/syslog/client-primary"/>
    </inConfig>
  </configConfMo>
```

応答 :

```
<configConfMo dn="sys/svc-ext/syslog/client-primary"
cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c" response="yes">
  <outConfig>
    <commSyslogClient adminState="enabled" hostname="10.xxx.196.xxx"
      name="primary" port="900" adminAction="no-op"
      dn="sys/svc-ext/syslog/client-primary" status="modified"/>
    </outConfig>
  </configConfMo>
```

Remotesyslog セカンダリ サーバの設定

要求:

```
<configConfMo cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="false" dn="sys/svc-ext/syslog/client-secondary">
  <inConfig>
    <commSyslogClient name="secondary" adminState="enabled"
      hostname="10.xxx.195.xxx"
      port="900" dn="sys/svc-ext/syslog/client-secondary"/>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/svc-ext/syslog/client-secondary"
cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c" response="yes">
  <outConfig>
    <commSyslogClient adminState="enabled" hostname="10.xxx.195.xxx"
      name="secondary" port="900" adminAction="no-op"
      dn="sys/svc-ext/syslog/client-secondary" status="modified"/>
  </outConfig>
</configConfMo>
```

Syslog クライアント/サーバの詳細の取得

要求:

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="false" classId="commSyslogClient"/>
```

応答 :

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
response="yes" classId="commSyslogClient">
  <outConfigs>
    <commSyslogClient adminState="enabled" hostname="10.xxx.196.xxx" name="primary"
      port="900" adminAction="no-op" dn="sys/svc-ext/syslog/client-primary"/>
    <commSyslogClient adminState="enabled" hostname="10.xxx.195.xxx" name="secondary"
      port="900" adminAction="no-op" dn="sys/svc-ext/syslog/client-secondary"/>
  </outConfigs>
</configResolveClass>
```

LOM MAC アドレス サポートの詳細の取得

要求:

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
classId="networkAdaptorUnit" inHierarchical="false"/>
```

応答 :

```
<configResolveClass cookie="1270945253/00566da0-83eb-13eb-8002-98219ee53d50" response="yes"
classId="networkAdaptorUnit">
  <outConfigs>
    <networkAdaptorUnit slot="1" model="Broadcom 57712-S" numIntf="2"
      dn="sys/rack-unit-1/network-adaptor-1" > </networkAdaptorUnit>
    <networkAdaptorUnit slot="2" model="Broadcom 57711 1" numIntf="2"
      dn="sys/rack-unit-1/network-adaptor-2" > </networkAdaptorUnit>
    <networkAdaptorUnit slot="L" model="Intel Onboard 1Gbps Ethernet Adaptor" numIntf="2"
```

```

    dn="sys/rack-unit-1/network-adaptor-L" >
  </networkAdaptorUnit>
</outConfigs></configResolveClass>

```

ネットワークコントローラの個々のポートのMACアドレスの取得

要求:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" classId="networkAdapterEthIf"/>

```

応答:

```

<configResolveClass cookie='1347541314/e95cea30-c994-1994-80ac-0877e1a85750' response="yes"
dn="sys/rack-unit-1/network-adaptor-1">
  <outConfigs>
    <networkAdaptorEthIf id="1" mac="00:10:18:bf:62:0c" linkStateAtPOST="Down"
dn="sys/rack-unit-1/network-adaptor-1/eth-1" > </networkAdaptorEthIf>
    <networkAdaptorEthIf id="2" mac="00:10:18:bf:62:0e" linkStateAtPOST="Down"
dn="sys/rack-unit-1/network-adaptor-1/eth-2" >
    </networkAdaptorEthIf>
  </outConfigs></configResolveClass>

```

個々のポートのLOM MACアドレスの取得

要求:

```

<configResolveDn cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" dn="sys/rack-unit-1/network-adapter-L"/>

```

応答:

```

<configResolveDn cookie="1270945253/00566da0-83eb-13eb-8002-98219ee53d50" response="yes"
dn="sys/rack-unit-1/network-adapter-L/eth-1">
  <outConfig>
    <networkAdaptorEthIf id="1" mac="50:3D:E5:9E:21:9C" linkStateAtPOST="Up"
dn="sys/rack-unit-1/network-adapter-L/eth-1" >
    </networkAdaptorEthIf>
  </outConfig>
</configResolveDn>

```

CシリーズサーバにインストールされたLSIストレージアダプタの概要プロパティの取得

要求:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" classId="storageController"/>

```

応答:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
response="yes" classId="storageController">
  <outConfigs>
    <storageController id="SLOT-MEZZ" pciSlot="SLOT-MEZZ"
presence="equipped" raidSupport="yes" serial="FCH1901JBUX" type="SAS"
vendor="LSI Logic" selfEncryptEnabled="yes" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ">

```

```

    <storageControllerProps rn="controller-props" pciSlot="SLOT-MEZZ" health="Good"
    controllerStatus="Optimal" batteryStatus="Optimal" bbuPresent="true"
raidChipTempCentigrade="49"
    backendPortCount="8" memorySize="1024 MB" cacheMemorySize="820 MB"
virtualDriveCount="1"
    degradedVirtualDriveCount="0" offlineVirtualDriveCount="0" physicalDriveCount="15"

    criticalPhysicalDriveCount="0" failedPhysicalDriveCount="0"
memoryCorrectableErrors="0"
    memoryUncorrectableErrors="0" bootDrive="none" bootDriveIsPhysicalDrive="false"
supportsRaid0="true"
    supportsRaid1="true" supportsRaid5="true" supportsRaid6="true" supportsRaid00="true"

    supportsRaid10="true" supportsRaid50="true" supportsRaid60="true"
supportsRaidle="false"
    supportsRaidlerlq0="true" supportsRaidle0rlq0="true" supportsRaidsrl03="true"
    dateOfManufacture="2015-01-26" revision="03" prebootCliVersion="01.07-05:#%0000"
webBiosVersion="N/A"
    nvdataVersion="3.1511.00-0011" bootBlockVersion="3.07.00.00-0003" bootVersion="N/A"
    nvramPresent="true"
    serialDebuggerPresent="true" flashPresent="true" sasAddress0="5188b9d724504b7f"
sasAddress1="5188b9d724503a7f"
    sasAddress2="0000000000000000" sasAddress3="0000000000000000"
sasAddress4="0000000000000000"
    sasAddress5="0000000000000000" sasAddress6="0000000000000000"
sasAddress7="0000000000000000"
    serial="FCH1901JBUX" firmwarePackageBuild="24.12.1-0018" ttyLogStatus="Complete
(total size 426675 bytes)"/>
    <storageControllerHealth rn="controller-health" id="SLOT-MEZZ" health="Good"/>
    <generatedStorageControllerKeyId rn="gen-key-id"
generatedKeyId="UCSC-RAID_FCH1901JBUX_c7984572"/>
    <suggestedStorageControllerSecurityKey rn="suggested-sec-key"
suggestedSecurityKey="itXTMdShfbG6nyXddEoWZjMGd4BV2Ruh"/>
    <selfEncryptStorageController rn="ctr-self-encrypt" keyId="test1234"
securityKey="Security key"
existingSecurityKey="Existing security key" adminAction="no-op"/>
    <storageRaidBattery rn="raid-battery" batteryType="TMM-C SuperCap" health="Good"
batteryStatus="Optimal"
batteryPresent="true" chargingState="N/A" temperature="30 degrees C"
temperatureHigh="false" designVoltage="9.500 V"
voltage="9.547 V" current="0.000 A" learnMode="Auto" learnCycleStatus="Successful"
learnCycleRequested="false"
nextLearnCycle="1970-01-28 22:50" designCapacity="288 Joules" manufacturer="LSI"
dateOfManufacture="2014-09-28"
serialNumber="14609" firmwareVersion="6536-03A" adminAction="no-op"/>
    <storageVirtualDriveCreatorUsingUnusedPhysicalDrive rn="virtual-drive-create"
description="Create a new virtual drive from unused physical drive(s) available in the
rack server.
Children objects of this object, lists all currently available unused physical drives."
minRequiredPhysicalDrives="RAID 0 at least 1 physical drive, RAID 1 at least 2 physical
drives,
RAID 5 at least 3 physical drives, RAID 6 at least 3 physical drives, RAID 10 at least
4 physical drives,
RAID 50 or RAID 60 at least 6 physical drives" virtualDriveName="" raidLevel="" size=""
driveGroup="[span1_pd_id1,span1_pd_id2,span1_pd_id3...,span1_pd_idN]
[span2_pd_id1,span2_pd_id2,span2_pd_id3...,span2_pd_idN]..." writePolicy="" stripSize=""
readPolicy="" cachePolicy="" accessPolicy="" diskCachePolicy="" createdVirtualDriveDn=""
operStatus="" adminAction="no-op" adminState="triggered">
    <storageUnusedLocalDisk id="3" pdStatus="Unconfigured Good" coercedSize="3814697
MB"

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health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-3"/>
  <storageUnusedLocalDisk id="4" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-4"/>
  <storageUnusedLocalDisk id="5" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-5"/>
  <storageUnusedLocalDisk id="6" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-6"/>
  <storageUnusedLocalDisk id="8" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-8"/>
  <storageUnusedLocalDisk id="9" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-9"/>
  <storageUnusedLocalDisk id="10" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-10"/>
  <storageUnusedLocalDisk id="11" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-11"/>
  <storageUnusedLocalDisk id="12" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-12"/>
  <storageUnusedLocalDisk id="13" pdStatus="Unconfigured Good" coercedSize="3814697
  MB"
health="Good" mediaType="HDD" vendor="SEAGATE" rn="pd-13"/>
  </storageVirtualDriveCreatorUsingUnusedPhysicalDrive>
  <storageVirtualDriveCreatorUsingVirtualDriveGroup rn="virtual-drive-carve"
description="Create a new virtual drive from an existing virtual drive, with available
physical drive group space.
Children objects of this object, lists all virtual drives with available drive group
space."
sharedVirtualDriveId="" virtualDriveName="" size="" writePolicy="" stripSize=""
readPolicy=""
cachePolicy="" accessPolicy="" diskCachePolicy="" createdVirtualDriveDn="" operStatus=""
adminState="triggered"/>
  <storageLocalDisk id="1" pdStatus="Online" health="Good" predictiveFailureCount="0"

linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z1C0VN0000K5486L16"
driveState="Online"
online="true" dedicatedHotSpareForVDId="" enclosureAssociation="Expander Attached"
enclosureLogicalId="500e004aaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
fdeCapable="no"
fdeEnabled="no" secured="no" locked="no" foreignLocked="no" adminAction="no-op" rn="pd-1">

  <storageLocalDiskProps rn="general-props" physicalDrive="1" pdStatus="Online"
health="Good"
enclosureDeviceId="24" deviceId="15" sequenceNumber="2" mediaErrorCount="0"
otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB"
coercedSize="3814697 MB" powerState="active" sasAddress0="5000c50089b407b5"
sasAddress1="5000c50089b407b6"
physicalBlockSize="512"/>
  <storageOperation rn="storage-operation" lropInProgress="false" currentLrop="No
operation in progress"
progressPercent="0" elapsedSeconds="0"/>

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```
    </storageLocalDisk>
    <storageLocalDisk id="2" pdStatus="Online" health="Good" predictiveFailureCount="0"
linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023"
driveFirmware="0004" driveSerialNumber="S1Z1C0Y90000K5486G13" driveState="Online"
online="true"
dedicatedHotSpareForVdId="" enclosureAssociation="Expander Attached"
enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
fdeCapable="no"
fdeEnabled="no" secured="no" locked="no" foreignLocked="no" adminAction="no-op" rn="pd-2">

    <storageLocalDiskProps rn="general-props" physicalDrive="2" pdStatus="Online"
health="Good"
enclosureDeviceId="24" deviceId="16" sequenceNumber="2" mediaErrorCount="0"
otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c50089b4002d" sasAddress1="5000c50089b4002e"
physicalBlockSize="512"/>
    <storageOperation rn="storage-operation" lropInProgress="false" currentLrop="No
operation in progress"
progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="3" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0"
linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z1C0ST0000K5486KJF"
driveState="Unconfigured Good"
online="true" dedicatedHotSpareForVdId="" enclosureAssociation="Expander Attached"
enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
fdeCapable="no"
fdeEnabled="no" secured="no" locked="no" foreignLocked="no" adminAction="no-op" rn="pd-3">

    <storageLocalDiskProps rn="general-props" physicalDrive="3" pdStatus="Unconfigured
Good"
health="Good" enclosureDeviceId="24" deviceId="17" sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
MB"
nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
sasAddress0="5000c50089b40c5d"
sasAddress1="5000c50089b40c5e" physicalBlockSize="512"/>
    <storageOperation rn="storage-operation" lropInProgress="false" currentLrop="No
operation in progress"
progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="4" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0"
linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z1C0XW0000K5486FYZ"
driveState="Unconfigured Good" online="true" dedicatedHotSpareForVdId=""
enclosureAssociation="Expander Attached"
enclosureLogicalId="500e004aaaae0000" enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0"
locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no" secured="no" locked="no"
```

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foreignLocked="no" adminAction="no-op" rn="pd-4">
  <storageLocalDiskProps rn="general-props" physicalDrive="4" pdStatus="Unconfigured
  Good" health="Good"
  enclosureDeviceId="24" deviceId="10" sequenceNumber="1" mediaErrorCount="0"
  otherErrorCount="0"
  predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
  blockSize="512"
  blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
  MB"
  coercedSize="3814697 MB" powerState="active" sasAddress0="5000c50089b4015d"
  sasAddress1="5000c50089b4015e" physicalBlockSize="512"/>
  <storageOperation rn="storage-operation" ropInProgress="false"
  currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
  </storageLocalDisk>
  <storageLocalDisk id="5" pdStatus="Unconfigured Good" health="Good"
  predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
  coercedSize="3814697 MB" vendor="SEAGATE" productId="ST4000NM0023" driveFirmware="0004"
  driveSerialNumber="S1Z1C0LG0000K5486KZG" driveState="Unconfigured Good" online="true"
  dedicatedHotSpareForVDId="" enclosureAssociation="Expander Attached"
  enclosureLogicalId="500e004aaae0000"
  enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
  fdeCapable="no"
  fdeEnabled="no" secured="no" locked="no" foreignLocked="no" adminAction="no-op" rn="pd-5">
    <storageLocalDiskProps rn="general-props" physicalDrive="5" pdStatus="Unconfigured
    Good"
    health="Good" enclosureDeviceId="24" deviceId="13" sequenceNumber="1" mediaErrorCount="0"
    otherErrorCount="0"
    predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
    blockSize="512"
    blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
    MB"
    coercedSize="3814697 MB" powerState="active" sasAddress0="5000c50089b42465"
    sasAddress1="5000c50089b42466" physicalBlockSize="512"/>
    <storageOperation rn="storage-operation" ropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="6" pdStatus="Unconfigured Good" health="Good"
    predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
    coercedSize="3814697 MB"
    vendor="SEAGATE" productId="ST4000NM0023" driveFirmware="0004"
    driveSerialNumber="S1Z1C0RB0000K5486KXG"
    driveState="Unconfigured Good" online="true" dedicatedHotSpareForVDId=""
    enclosureAssociation="Expander Attached"
    enclosureLogicalId="500e004aaae0000" enclosureSASAddress0="5188b9d724504b7e"
    enclosureSASAddress1="0x0"
    locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no" secured="no" locked="no"
    foreignLocked="no" adminAction="no-op" rn="pd-6">
      <storageLocalDiskProps rn="general-props" physicalDrive="6" pdStatus="Unconfigured
      Good"
      health="Good" enclosureDeviceId="24" deviceId="20" sequenceNumber="1" mediaErrorCount="0"
      otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
      mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
      MB"
      nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
      sasAddress0="5000c50089b41215"
      sasAddress1="5000c50089b41216" physicalBlockSize="512"/>
      <storageOperation rn="storage-operation" ropInProgress="false" currentLrop="No
      operation in progress"
      progressPercent="0" elapsedSeconds="0"/>
      </storageLocalDisk>

```



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    <storageLocalDisk id="7" pdStatus="JBOD" health="Good" predictiveFailureCount="0"
      linkSpeed="12.0 Gb/s"
      interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
      productId="ST4000NM0063"
      driveFirmware="0004" driveSerialNumber="Z1Z8MRC70000R540WM1C" driveState="JBOD"
      online="true"
      dedicatedHotSpareForVDId="" enclosureAssociation="Expander Attached"
      enclosureLogicalId="500e004aaaae0000"
      enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
      fdeCapable="yes"
      fdeEnabled="yes" secured="yes" locked="no" foreignLocked="no" adminAction="no-op"
      rn="pd-7">
      <storageLocalDiskProps rn="general-props" physicalDrive="7" pdStatus="JBOD"
        health="Good"
        enclosureDeviceId="24" deviceId="26" sequenceNumber="4" mediaErrorCount="0"
        otherErrorCount="0"
        predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
        blockSize="512"
        blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
        MB"
        coercedSize="3814697 MB" powerState="active" sasAddress0="5000c5008390f455"
        sasAddress1="5000c5008390f456" physicalBlockSize="512"/>
      <storageOperation rn="storage-operation" lropInProgress="false" currentLrop="No
        operation in progress"
        progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="8" pdStatus="Unconfigured Good" health="Good"
      predictiveFailureCount="0"
      linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
      vendor="SEAGATE"
      productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z19MEK0000K5474R7B"
      driveState="Unconfigured Good"
      online="true" dedicatedHotSpareForVDId="" enclosureAssociation="Expander Attached"
      enclosureLogicalId="500e004aaaae0000" enclosureSASAddress0="5188b9d724504b7e"
      enclosureSASAddress1="0x0"
      locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no" secured="no" locked="no"
      foreignLocked="no"
      adminAction="no-op" rn="pd-8">
      <storageLocalDiskProps rn="general-props" physicalDrive="8" pdStatus="Unconfigured
        Good"
        health="Good" enclosureDeviceId="24" deviceId="18" sequenceNumber="1" mediaErrorCount="0"

        otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"

        mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
        MB"
        nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
        sasAddress0="5000c50089a49f75"
        sasAddress1="5000c50089a49f76" physicalBlockSize="512"/>
      <storageOperation rn="storage-operation" lropInProgress="false"
        currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="9" pdStatus="Unconfigured Good" health="Good"
      predictiveFailureCount="0"
      linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
      vendor="SEAGATE"
      productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z1AXG20000K5486GFD"
      driveState="Unconfigured Good" online="true" dedicatedHotSpareForVDId=""
      enclosureAssociation="Expander Attached"
      enclosureLogicalId="500e004aaaae0000" enclosureSASAddress0="5188b9d724504b7e"
      enclosureSASAddress1="0x0"
      locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no" secured="no" locked="no"
      foreignLocked="no" adminAction="no-op" rn="pd-9">
      <storageLocalDiskProps rn="general-props" physicalDrive="9" pdStatus="Unconfigured

```

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    Good"
health="Good" enclosureDeviceId="24" deviceId="19" sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
MB"
nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
sasAddress0="5000c50089a54ed5"
sasAddress1="5000c50089a54ed6" physicalBlockSize="512"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="10" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0"
linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z1AE7C0000K5488N1T"
driveState="Unconfigured Good" online="true" dedicatedHotSpareForVdid=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"

fdeCapable="no" fdeEnabled="no" secured="no" locked="no" foreignLocked="no"
adminAction="no-op" rn="pd-10">
    <storageLocalDiskProps rn="general-props" physicalDrive="10" pdStatus="Unconfigured
Good"
health="Good" enclosureDeviceId="24" deviceId="23" sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
MB"
nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
sasAddress0="5000c5008996c641"
sasAddress1="5000c5008996c642" physicalBlockSize="512"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="11" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0"
linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z19LR20000K5474R6W"
driveState="Unconfigured Good" online="true" dedicatedHotSpareForVdid=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"

fdeCapable="no" fdeEnabled="no" secured="no" locked="no" foreignLocked="no"
adminAction="no-op" rn="pd-11">
    <storageLocalDiskProps rn="general-props" physicalDrive="11" pdStatus="Unconfigured
Good"
health="Good" enclosureDeviceId="24" deviceId="22" sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD"
blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447 MB"
nonCoercedSize="3814935 MB"
coercedSize="3814697 MB" powerState="active" sasAddress0="5000c50089a4f409"
sasAddress1="5000c50089a4f40a" physicalBlockSize="512"/>
    <storageOperation rn="storage-operation" lropInProgress="false" currentLrop="No
operation in progress"
progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="12" pdStatus="Unconfigured Good" health="Good"

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```
predictiveFailureCount="0"
linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z192230000K5486HLT"
driveState="Unconfigured Good" online="true" dedicatedHotSpareForVdId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"

fdeCapable="no" fdeEnabled="no" secured="no" locked="no" foreignLocked="no"
adminAction="no-op" rn="pd-12">
  <storageLocalDiskProps rn="general-props" physicalDrive="12" pdStatus="Unconfigured
  Good"
  health="Good" enclosureDeviceId="24" deviceId="21" sequenceNumber="1" mediaErrorCount="0"
  otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
  mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
  MB"
  nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
  sasAddress0="5000c5008996eb51"
  sasAddress1="5000c5008996eb52" physicalBlockSize="512"/>
  <storageOperation rn="storage-operation" dropInProgress="false"
  currentDrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
  </storageLocalDisk>
  <storageLocalDisk id="13" pdStatus="Unconfigured Good" health="Good"
  predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
  coercedSize="3814697 MB" vendor="SEAGATE" productId="ST4000NM0023" driveFirmware="0004"
  driveSerialNumber="S1Z1B0ME0000K548AJYA" driveState="Unconfigured Good" online="true"
  dedicatedHotSpareForVdId="" enclosureAssociation="Expander Attached"
  enclosureLogicalId="500e004aaaae0000"
  enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
  fdeCapable="no"
  fdeEnabled="no" secured="no" locked="no" foreignLocked="no" adminAction="no-op" rn="pd-13">
    <storageLocalDiskProps rn="general-props" physicalDrive="13" pdStatus="Unconfigured
    Good"
    health="Good" enclosureDeviceId="24" deviceId="12" sequenceNumber="1" mediaErrorCount="0"
    otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
    mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
    MB"
    nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
    sasAddress0="5000c500899670a1"
    sasAddress1="5000c500899670a2" physicalBlockSize="512"/>
    <storageOperation rn="storage-operation" dropInProgress="false"
    currentDrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
    </storageLocalDisk>
    <storageLocalDisk id="14" pdStatus="JBOD" health="Good" predictiveFailureCount="0"
    linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
    vendor="SEAGATE" productId="ST4000NM0023" driveFirmware="0004"
    driveSerialNumber="S1Z19MLC0000K5473FAP"
    driveState="JBOD" online="true" dedicatedHotSpareForVdId="" enclosureAssociation="Expander
    Attached"
    enclosureLogicalId="500e004aaaae0000" enclosureSASAddress0="5188b9d724504b7e"
    enclosureSASAddress1="0x0"
    locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no" secured="no" locked="no"
    foreignLocked="no"
    adminAction="no-op" rn="pd-14">
      <storageLocalDiskProps rn="general-props" physicalDrive="14" pdStatus="JBOD"
      health="Good"
      enclosureDeviceId="24" deviceId="14" sequenceNumber="2" mediaErrorCount="0"
```

```

otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c50089a4916d" sasAddress1="5000c50089a4916e"
physicalBlockSize="512"/>
  <storageOperation rn="storage-operation" lropInProgress="false" currentLrop="No
operation in progress"
progressPercent="0" elapsedSeconds="0"/>
  </storageLocalDisk>
  <storageLocalDisk id="21" pdStatus="JBOD" health="Good" predictiveFailureCount="0"
linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023"
driveFirmware="0004" driveSerialNumber="S1Z19LY8000K5487ZHM" driveState="JBOD"
online="true"
dedicatedHotSpareForVDId="" enclosureAssociation="Expander Attached"
enclosureLogicalId="500e004aaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
fdeCapable="no"
fdeEnabled="no" secured="no" locked="no" foreignLocked="no" adminAction="no-op" rn="pd-21">

  <storageLocalDiskProps rn="general-props" physicalDrive="21" pdStatus="JBOD"
health="Good"
enclosureDeviceId="24" deviceId="11" sequenceNumber="2" mediaErrorCount="0"
otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD"
blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB"
coercedSize="3814697 MB" powerState="active" sasAddress0="5000c50089a4d9c9"
sasAddress1="5000c50089a4d9ca" physicalBlockSize="512"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
  </storageLocalDisk>
  <storageVirtualDrive id="0" name="RAID1_12" raidLevel="RAID 1" size="3814697 MB"
vdStatus="Optimal" health="Good" bootDrive="false" stripSize="256k" drivesPerSpan="2"
spanDepth="1" accessPolicy="read-write" cachePolicy="direct-io" readPolicy="no-read-ahead"

requestedWriteCachePolicy="write-through" currentWriteCachePolicy="write-through"
diskCachePolicy="unchanged"
allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="true"
driveState="Optimal"
fdeCapable="no" fdeEnabled="no" adminAction="no-op" hotspareAction="no-op" targetId="0"

physicalDrivesList="Physical drives to be used for virtual drive reconstruction.
pd_id1,pd_id2,...pd_idN" rn="vd-0">
  <storageLocalDiskUsage startingBlock="0" numberOfBlocks="7812499456"
virtualDrive="0"
physicalDrive="1" state="online" span="0" rn="pd-1"/>
  <storageLocalDiskUsage startingBlock="0" numberOfBlocks="7812499456"
virtualDrive="0"
physicalDrive="2" state="online" span="0" rn="pd-2"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"/>
  </storageVirtualDrive>
  <firmwareRunning rn="fw-boot-loader" description="LSI Storage controller currently
running boot
loader firmware version" deployment="boot-loader" type="storage-controller"
version="6.30.03.0_4.17.08.00_0xC6130201"/>
  <firmwareRunning rn="fw-system" description="LSI Storage controller currently
running firmware version"
deployment="system" type="storage-controller" version="4.620.00-6084"/>

```

```

    <firmwareBootDefinition rn="fw-boot-def" type="storage-controller">
      <firmwareBootUnit rn="bootunit-combined" description="LSI Storage controller
startup BIOS firmware version"
adminState="triggered" image="running" resetOnActivate="no" type="combined"
version="6.30.03.0_4.17.08.00_0xC6130201"/>
    </firmwareBootDefinition>
    <storageControllerSettings rn="controller-settings" pciSlot="SLOT-MEZZ"
predictiveFailPollInterval="300 sec"
rebuildRate="30 %" patrolReadRate="30 %" consistencyCheckRate="30 %" reconstructionRate="30
%"
cacheFlushInterval="4 sec" spinupDriveCount="4" spinupDelay="6 sec"
physDriveCoercionMode="1 GB" clusterEnable="false"
batteryWarning="true" eccBucketLeakRate="1440 min" exposeEnclosureDevices="true"
maintainPdFailHistory="false"
enableCopybackOnSmart="true" enableCopybackToSsdOnSmartError="true" ncqStatus="enabled"
enableJbod="true"
spinDownUnconfigured="true" enableSsdPatrolRead="false" autoEnhancedImport="true"/>
  </storageController>
</outConfigs>
</configResolveClass>

```

C シリーズ サーバにインストールされた LSI ストレージ アダプタの詳細プロパティの取得

要求:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" classId="storageControllerProps"/>

```

応答:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
response="yes" classId="storageControllerProps">
  <outConfigs>
    <storageControllerProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/controller-props"
pciSlot="SLOT-MEZZ" health="Good" controllerStatus="Optimal" batteryStatus="Optimal"

    bbuPresent="true" raidChipTempCentigrade="49" backendPortCount="8"
memorySize="1024 MB" cacheMemorySize="820 MB" virtualDriveCount="1"
degradedVirtualDriveCount="0" offlineVirtualDriveCount="0" physicalDriveCount="15"
criticalPhysicalDriveCount="0" failedPhysicalDriveCount="0" memoryCorrectableErrors="0"

memoryUncorrectableErrors="0" bootDrive="none" bootDriveIsPhysicalDrive="false"
supportsRaid0="true" supportsRaid1="true" supportsRaid5="true" supportsRaid6="true"

supportsRaid00="true" supportsRaid10="true" supportsRaid50="true" supportsRaid60="true"

supportsRaidle="false" supportsRaidlerlq0="true" supportsRaidle0rlq0="true"
supportsRaidsrl03="true" dateOfManufacture="2015-01-26" revision="03"
prebootCliVersion="01.07-05:##0000"
webBiosVersion="N/A" nvdataVersion="3.1511.00-0011" bootBlockVersion="3.07.00.00-0003"
bootVersion="N/A"
nvramPresent="true" serialDebuggerPresent="true" flashPresent="true"
sasAddress0="5188b9d724504b7f"
sasAddress1="5188b9d724503a7f" sasAddress2="0000000000000000"
sasAddress3="0000000000000000"
sasAddress4="0000000000000000" sasAddress5="0000000000000000"
sasAddress6="0000000000000000"
sasAddress7="0000000000000000" serial="FCH1901JBUX" firmwarePackageBuild="24.12.1-0018"

ttyLogStatus="Complete (total size 426675 bytes)"/>

```

```
</outConfigs>
</configResolveClass>
```

RAID バッテリーの LSI ストレージアダプタの詳細の取得

要求:

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" classId="storageRaidBattery"/>
```

応答:

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
response="yes" classId="storageRaidBattery">
  <outConfigs>
    <storageRaidBattery dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/raid-battery"
      batteryType="TMM-C SuperCap" health="Good" batteryStatus="Optimal"
      batteryPresent="true" chargingState="N/A" temperature="30 degrees C"
      temperatureHigh="false"
      designVoltage="9.500 V" voltage="9.547 V" current="0.000 A" learnMode="Auto"
      learnCycleStatus="Successful" learnCycleRequested="false" nextLearnCycle="1970-01-28
      22:50"
      designCapacity="288 Joules" manufacturer="LSI" dateOfManufacture="2014-09-28"
      serialNumber="14609" firmwareVersion="6536-03A" adminAction="no-op"/>
  </outConfigs>
</configResolveClass>
```

ローカル ディスク (HDD) の概要情報の取得

要求:

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="false" classId="storageLocalDisk"/>
```

応答:

```
<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
response="yes" classId="storageLocalDisk">
  <outConfigs>
    <storageLocalDisk id="1" pdStatus="Online" health="Good" predictiveFailureCount="0"
      linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
      vendor="SEAGATE"
      productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z1C0VN0000K5486L16"
      driveState="Online"
      online="true" dedicatedHotSpareForVDId="" enclosureAssociation="Expander Attached"
      enclosureLogicalId="500e004aaae0000"
      enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
      fdeCapable="no"
      fdeEnabled="no" secured="no" locked="no" foreignLocked="no" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-1"/>
    <storageLocalDisk id="2" pdStatus="Online" health="Good" predictiveFailureCount="0"
      linkSpeed="12.0 Gb/s"
      interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
      productId="ST4000NM0023"
      driveFirmware="0004" driveSerialNumber="S1Z1C0Y90000K5486G13" driveState="Online"
      online="true" dedicatedHotSpareForVDId=""
      enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaae0000"
      enclosureSASAddress0="5188b9d724504b7e"
```

```

enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no"
foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-2"/>
  <storageLocalDisk id="3" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z1C0ST0000K5486KJF" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no"
foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-3"/>
  <storageLocalDisk id="4" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z1C0XW0000K5486FYZ" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no"
foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-4"/>
  <storageLocalDisk id="5" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z1C0LG0000K5486KZG" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no"
foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-5"/>
  <storageLocalDisk id="6" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z1C0RB0000K5486KXG" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no" foreignLocked="no"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-6"/>
  <storageLocalDisk id="7" pdStatus="JBOD" health="Good" predictiveFailureCount="0"
linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE" productId="ST4000NM0063"
driveFirmware="0004"
driveSerialNumber="Z1Z8MRC70000R540WM1C" driveState="JBOD" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="yes" fdeEnabled="yes"
secured="yes" locked="no"
foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-7"/>
  <storageLocalDisk id="8" pdStatus="Unconfigured Good" health="Good"

```

```

predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z19MEK0000K5474R7B" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no" foreignLocked="no"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-8"/>
  <storageLocalDisk id="9" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z1AXG20000K5486GFD" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no" foreignLocked="no"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-9"/>
  <storageLocalDisk id="10" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z1AE7C0000K5488N1T" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no" foreignLocked="no"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-10"/>
  <storageLocalDisk id="11" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z19LR20000K5474R6W" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no"
foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-11"/>
  <storageLocalDisk id="12" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0"
linkSpeed="12.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004" driveSerialNumber="S1Z192230000K5486HLT"
driveState="Unconfigured Good"
online="true" dedicatedHotSpareForVDId="" enclosureAssociation="Expander Attached"
enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
fdeCapable="no" fdeEnabled="no"
secured="no" locked="no" foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-12"/>
  <storageLocalDisk id="13" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z1B0ME0000K548AJYA" driveState="Unconfigured Good" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"

```



```

enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no" foreignLocked="no"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-13"/>
  <storageLocalDisk id="14" pdStatus="JBOD" health="Good" predictiveFailureCount="0"
linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023" driveFirmware="0004"
driveSerialNumber="S1Z19MLC0000K5473FAP" driveState="JBOD" online="true"
dedicatedHotSpareForVDId=""
enclosureAssociation="Expander Attached" enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e"
enclosureSASAddress1="0x0" locatorLEDStatus="off" fdeCapable="no" fdeEnabled="no"
secured="no" locked="no"
foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-14"/>
  <storageLocalDisk id="21" pdStatus="JBOD" health="Good" predictiveFailureCount="0"
linkSpeed="12.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB" vendor="SEAGATE"
productId="ST4000NM0023"
driveFirmware="0004" driveSerialNumber="S1Z19LY80000K5487ZHM" driveState="JBOD"
online="true"
dedicatedHotSpareForVDId="" enclosureAssociation="Expander Attached"
enclosureLogicalId="500e004aaaae0000"
enclosureSASAddress0="5188b9d724504b7e" enclosureSASAddress1="0x0" locatorLEDStatus="off"
  fdeCapable="no"
fdeEnabled="no" secured="no" locked="no" foreignLocked="no" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-21"/>
</outConfigs>
</configResolveClass>

```

ローカル ディスク (HDD) の詳細情報の取得

要求:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="false" classId="storageLocalDiskProps"/>

```

応答:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
response="yes" classId="storageLocalDiskProps">
  <outConfigs>
    <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-1/general-props"
physicalDrive="1" pdStatus="Online" health="Good" enclosureDeviceId="24" deviceId="15"
sequenceNumber="2"
mediaErrorCount="0" otherErrorCount="0" predictiveFailureCount="0"
linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
  MB"
nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
sasAddress0="5000c50089b407b5"
sasAddress1="5000c50089b407b6" physicalBlockSize="512"/>
    <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-2/general-props"
physicalDrive="2" pdStatus="Online" health="Good" enclosureDeviceId="24" deviceId="16"
sequenceNumber="2"
mediaErrorCount="0" otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
  interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
  MB"
nonCoercedSize="3814935 MB"

```

```

coercedSize="3814697 MB" powerState="active" sasAddress0="5000c50089b4002d"
sasAddress1="5000c50089b4002e"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-3/general-props" physicalDrive="3"
pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="17"
sequenceNumber="1"
mediaErrorCount="0" otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
MB"
nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"
sasAddress0="5000c50089b40c5d"
sasAddress1="5000c50089b40c5e" physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-4/general-props" physicalDrive="4"
pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="10"
sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c50089b4015d" sasAddress1="5000c50089b4015e"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-5/general-props" physicalDrive="5"
pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="13"
sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c50089b42465" sasAddress1="5000c50089b42466"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-6/general-props" physicalDrive="6"
pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="20"
sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c50089b41215" sasAddress1="5000c50089b41216"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-7/general-props" physicalDrive="7"
pdStatus="JBOD" health="Good" enclosureDeviceId="24" deviceId="26" sequenceNumber="4"
mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD"
blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447 MB"
nonCoercedSize="3814935 MB"
coercedSize="3814697 MB" powerState="active" sasAddress0="5000c5008390f455"
sasAddress1="5000c5008390f456"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-8/general-props" physicalDrive="8"
pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="18"
sequenceNumber="1"
mediaErrorCount="0" otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s"
interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447
MB"
nonCoercedSize="3814935 MB" coercedSize="3814697 MB" powerState="active"

```

```
sasAddress0="5000c50089a49f75"
sasAddress1="5000c50089a49f76" physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-9/general-props" physicalDrive="9"
pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="19"
sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c50089a54ed5" sasAddress1="5000c50089a54ed6"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-10/general-props" physicalDrive="10"

pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="23"
sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c5008996c641" sasAddress1="5000c5008996c642"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-11/general-props" physicalDrive="11"

pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="22"
sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c50089a4f409" sasAddress1="5000c50089a4f40a"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-12/general-props" physicalDrive="12"

pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="21"
sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c5008996eb51" sasAddress1="5000c5008996eb52"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-13/general-props" physicalDrive="13"

pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="24" deviceId="12"
sequenceNumber="1" mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512"
blockCount="7814037168" bootDrive="false" rawSize="3815447 MB" nonCoercedSize="3814935
MB" coercedSize="3814697 MB"
powerState="active" sasAddress0="5000c500899670a1" sasAddress1="5000c500899670a2"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-14/general-props" physicalDrive="14"

pdStatus="JBOD" health="Good" enclosureDeviceId="24" deviceId="14" sequenceNumber="2"
mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD"
blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447 MB"
```

```

nonCoercedSize="3814935 MB"
coercedSize="3814697 MB" powerState="active" sasAddress0="5000c50089a4916d"
sasAddress1="5000c50089a4916e"
physicalBlockSize="512"/>
  <storageLocalDiskProps
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/pd-21/general-props" physicalDrive="21"

pdStatus="JBOD" health="Good" enclosureDeviceId="24" deviceId="11" sequenceNumber="2"
mediaErrorCount="0"
otherErrorCount="0" predictiveFailureCount="0" linkSpeed="12.0 Gb/s" interfaceType="SAS"
mediaType="HDD"
blockSize="512" blockCount="7814037168" bootDrive="false" rawSize="3815447 MB"
nonCoercedSize="3814935 MB"
coercedSize="3814697 MB" powerState="active" sasAddress0="5000c50089a4d9c9"
sasAddress1="5000c50089a4d9ca"
physicalBlockSize="512"/>
  </outConfigs>
</configResolveClass>

```

LSI アダプタに設定されているすべての仮想ドライブの詳細の取得

要求:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
inHierarchical="true" classId="storageVirtualDrive"/>

```

応答:

```

<configResolveClass cookie="0000360672/c2450e1c-0054-1054-8006-7e573e8f835c"
response="yes" classId="storageVirtualDrive">
  <outConfigs>
    <storageVirtualDrive id="0" name="RAID1_12" raidLevel="RAID 1" size="3814697 MB"
vdStatus="Optimal" health="Good" bootDrive="false" stripSize="256k"
drivesPerSpan="2" spanDepth="1" accessPolicy="read-write" cachePolicy="direct-io"
readPolicy="no-read-ahead" requestedWriteCachePolicy="write-through"
currentWriteCachePolicy="write-through" diskCachePolicy="unchanged"
allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="true"
driveState="Optimal" fdeCapable="no" fdeEnabled="no" adminAction="no-op"
hotspareAction="no-op" targetId="0" physicalDrivesList="Physical drives to be
used for virtual drive reconstruction. pd_id1,pd_id2,...pd_idN"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-MEZZ/vd-0">
  <storageLocalDiskUsage startingBlock="0" numberOfBlocks="7812499456" virtualDrive="0"

physicalDrive="1" state="online" span="0" rn="pd-1"/>
  <storageLocalDiskUsage startingBlock="0" numberOfBlocks="7812499456" virtualDrive="0"

physicalDrive="2" state="online" span="0" rn="pd-2"/>
  <storageOperation rn="storage-operation" lropInProgress="false" currentLrop="No
operation
in progress" progressPercent="0" elapsedSeconds="0"/>
  </storageVirtualDrive>
  </outConfigs>
</configResolveClass>

```

仮想ドライブによる物理ディスクの使用状況の詳細の取得

要求:

```

<configResolveClass cookie="1362107110/46742048-d6d4-16d4-8006-4a45b42d542c"
inHierarchical="false" classId="storageLocalDiskUsage"/>

```

応答：

```
<configResolveClass cookie="1362107110/46742048-d6d4-16d4-8006-4a45b42d542c" response="yes"
classId="storageLocalDiskUsage">
  <outConfigs>
    <storageLocalDiskUsage startingBlock="0" numberOfBlocks="209715200"
      virtualDrive="10" physicalDrive="5" state="online" span="0"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-3/vd-10/pd-5"/>
    <storageLocalDiskUsage startingBlock="209715200" numberOfBlocks="25165824"
      virtualDrive="11" physicalDrive="5" state="online" span="0"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-3/vd-11/pd-5"/>
    <storageLocalDiskUsage startingBlock="234881024" numberOfBlocks="25165824"
      virtualDrive="12" physicalDrive="5" state="online" span="0"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-3/vd-12/pd-5"/>
    <storageLocalDiskUsage startingBlock="260046848" numberOfBlocks="25625088"
      virtualDrive="13" physicalDrive="5" state="online" span="0"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-3/vd-13/pd-5"/>
    <storageLocalDiskUsage startingBlock="285671936" numberOfBlocks="25165824"
      virtualDrive="14" physicalDrive="5" state="online" span="0"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-3/vd-14/pd-5"/>
    <storageLocalDiskUsage startingBlock="310837760" numberOfBlocks="25165824"
      virtualDrive="15" physicalDrive="5" state="online" span="0"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-3/vd-15/pd-5"/>
    <storageLocalDiskUsage startingBlock="336003584" numberOfBlocks="25165824"
      virtualDrive="16" physicalDrive="5" state="online" span="0"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-3/vd-16/pd-5"/>
    <storageLocalDiskUsage startingBlock="361169408" numberOfBlocks="614530560"
      virtualDrive="17" physicalDrive="5" state="online" span="0"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-3/vd-17/pd-5"/>
  </outConfigs>
```

ストレージコントローラのセキュリティ キーの取得

要求:

```
<configResolveClass cookie="1440536380/580cdbeb-1e29-1e29-8002-1ca31e1b0ff4"
inHierarchical="false" classId="generatedStorageControllerKeyId"/>
```

応答：

```
<configResolveClass cookie="1440536380/580cdbeb-1e29-1e29-8002-1ca31e1b0ff4"
  response="yes" classId="generatedStorageControllerKeyId">
  <outConfigs>
    <generatedStorageControllerKeyId
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/gen-key-id"
      generatedKeyId="UCSC-MRAID12G_SV44108637_1d6f954e"/>
  </outConfigs>
</configResolveClass>
```

推奨されるストレージコントローラのセキュリティ キーの取得

要求:

```
<configResolveClass cookie="1440536380/580cdbeb-1e29-1e29-8002-1ca31e1b0ff4"
inHierarchical="false" classId="suggestedStorageControllerSecurityKey"/>
```

応答：

```
<configResolveClass cookie="1440536380/580cdbeb-1e29-1e29-8002-1ca31e1b0ff4" response="yes"
  classId="suggestedStorageControllerSecurityKey">
<outConfigs>
  <suggestedStorageControllerSecurityKey
    dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/suggested-sec-key"
    suggestedSecurityKey="UPMMOqnwhlGfN@gC6Cs5HqXLUPMMOqnw"/>
  </outConfigs>
</configResolveClass>
```

自己暗号化されたストレージコントローラの詳細の取得

要求:

```
<configResolveClass cookie="1440546768/5d6cc751-1e2c-1e2c-8002-a4f07b6138b8"
inHierarchical="false" classId="selfEncryptStorageController"/>
```

応答:

```
<configResolveClass cookie="1440546768/5d6cc751-1e2c-1e2c-8002-a4f07b6138b8"
  response="yes" classId="selfEncryptStorageController">
<outConfigs>
  <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
  keyId="UCSC-MRAID12G_FHH18250010_1cad8d50" securityKey="Security key"
  existingSecurityKey="Existing security key" adminAction="no-op" adminSubAction="no-op"/>
  </outConfigs>
</configResolveClass>
```

コントローラでの自己暗号化の有効化

要求:

```
<configConfMo cookie="1443656333/506a0432-2100-1100-8004-6ca2cdf9eca0"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt" inHierarchical="false">
  <inConfig>
    <selfEncryptStorageController adminAction="enable-self-encrypt" keyId="TestKeyId"
      securityKey="TestSecurityKey"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt">
    </selfEncryptStorageController>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo cookie="1444870328/8c41b3e1-221a-121a-811c-deabcdf9eca0" response="yes"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA">
  <outConfigs>
    <storageController id="SLOT-HBA" model="Cisco 12G SAS Modular Raid Controller"
      pciSlot="SLOT-HBA" presence="equipped" raidSupport="yes" serial="SV44104119"
      type="SAS" vendor="LSI Logic" selfEncryptEnabled="yes"
      adminAction="no-op" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA"/>
    </outConfigs>
  </configConfMo>
```

コントローラでの自己暗号化の無効化

要求:

```
<configConfMo cookie="1444871687/cc606a82-221a-121a-811f-deabcdf9eca0"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt" inHierarchical="false">
<inConfig>
  <selfEncryptStorageController adminAction="disable-self-encrypt"
    existingSecurityKey="TestSecurityKey"
    dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt">
  </selfEncryptStorageController>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo cookie="1444870328/8c41b3e1-221a-121a-811c-deabcdf9eca0"
response="yes" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA">
<outConfigs>
  <storageController id="SLOT-HBA" model="Cisco 12G SAS Modular Raid Controller"
    pciSlot="SLOT-HBA" presence="equipped" raidSupport="yes" serial="SV44104119"
    type="SAS" vendor="LSI Logic" selfEncryptEnabled="No" adminAction="no-op"
    dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA"/>
</outConfigs>
</configConfMo>
```

物理ドライブでの自己暗号化の有効化

要求:

```
<configConfMo cookie="1444963230/52790541-2230-1230-8195-deabcdf9eca0"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-3" inHierarchical="false">
<inConfig>
  <storageLocalDisk adminAction="enable-self-encrypt"
    dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-3">
  </storageLocalDisk>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo cookie="1444963230/52790541-2230-1230-8195-deabcdf9eca0"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-3" inHierarchical="false">
<outConfigs>
  <storageLocalDisk id="3" pdStatus="JBOD" health="Good" predictiveFailureCount="0"
    linkSpeed="6.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
    vendor="SEAGATE" productId="ST4000NM0063" driveFirmware="0004"
    driveSerialNumber="Z1Z8MRC70000R540WM1C" driveState="JBOD" online="true"
    dedicatedHotSpareForVDId="" locatorLEDStatus="off" fdeCapable="yes" fdeEnabled="yes"

    secured="yes" locked="no" foreignLocked="no" adminAction="no-op"
    dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-3"/>
</outConfigs>
</configConfMo>
```

セキュアな仮想ドライブグループの作成

要求:

```
<configConfMo cookie="1443751990/88100a71-2116-1116-8060-deabcdf9eca0"
inHierarchical="false"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/virtual-drive-create">
  <inConfig>
    <storageVirtualDriveCreatorUsingUnusedPhysicalDrive adminAction="enable-self-encrypt"

      virtualDriveName="1" raidLevel="1" size="600MB" driveGroup="[4,3]"
writePolicy="write-through"
      adminState="trigger"/>
    </inConfig>
  </configConfMo>
```

応答 :

```
<configConfMo cookie="1443751990/88100a71-2116-1116-8060-deabcdf9eca0"
inHierarchical="false"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/virtual-drive-create">
<outConfigs>
  <storageVirtualDrive id="0" name="1" raidLevel="RAID 1" size="600 MB" vdStatus="Optimal"

    health="Good" bootDrive="false" stripSize="64k" drivesPerSpan="2" spanDepth="1"
accessPolicy="read-write" cachePolicy="direct-io" readPolicy="no-read-ahead"
    requestedWriteCachePolicy="write-through" currentWriteCachePolicy="write-through"
    diskCachePolicy="unchanged" allowBackgroundInit="true" autoSnapshot="false"
    autoDeleteOldest="true" driveState="Optimal" fdeCapable="yes" fdeEnabled="yes"
    adminAction="no-op" targetId="0"
    physicalDrivesList="Physical drives to be used for virtual drive reconstruction.
    pd_id1,pd_id2,...pd_idN" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0"/>
  </outConfigs>
</configConfMo>
```

コントローラでのセキュアなドライブのロック解除

他のコントローラから1台のコントローラにセキュアなドライブをインポートするには、インポートするこれらのセキュアなドライブのロックを最初に解除する必要があります。次のXML API 要求によってドライブをロック解除できます。

要求:

```
<configConfMo cookie="1445440951/5715265f-229f-129f-8004-c6efa42fa074"
inHierarchical="false" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
>
  <inConfig>
    <selfEncryptStorageController
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
      securityKey="t" adminAction="unlock-secured-drives"/>
    </inConfig>
  </configConfMo>
```

応答 :

クラス ID **storageLocalDisk** を使用して **configResolveClass** を実行し、[ロック (Locked)] が [いいえ (no)] に設定されていて、[fdeCapable]、[fdeEnabled]、[保護済み (Secured)] および [ForeignLocked] が [はい (yes)] に設定されていることを確認します。

セキュアかつ未設定で良好なドライブ上のデータの消去

要求:


```
<configConfMo cookie="1440644344/0ffb96f5-1e43-1e43-8002-a4f07b6138b8"
inHierarchical="false" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-4">
  <inConfig>
    <storageLocalDisk adminAction="disable-self-encrypt"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-4">
    </storageLocalDisk>
  </inConfig>
</configConfMo>
```

応答:

```
<outConfig>
  <storageLocalDisk id="3" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0"
  linkSpeed="6.0 Gb/s" interfaceType="SAS" mediaType="HDD" coercedSize="3814697 MB"
  vendor="SEAGATE" productId="ST4000NM0063" driveFirmware="0004"
  driveSerialNumber="Z1Z8MRC70000R540WM1C" driveState="Unconfigured Good"
  online="true" dedicatedHotSpareForVdId="" locatorLEDStatus="off"
  fdeCapable="yes" fdeEnabled="yes" secured="yes" locked="no" foreignLocked="no"
  adminAction="no-op" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-3"
  status="modified" >
</storageLocalDisk>
</outConfig>
```

セキュアな外部ドライブ上のデータの消去

要求:

```
<configConfMo cookie="1440644344/0ffb96f5-1e43-1e43-8002-a4f07b6138b8"
inHierarchical="false" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-4">
  <inConfig>
    <storageLocalDisk adminAction="disable-sed-foreign-drives"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-4">
    </storageLocalDisk>
  </inConfig>
</configConfMo>
```

応答:

```
<outConfig>
  <storageLocalDisk id="3" pdStatus="Foreign Configuration" health="Moderate Fault"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS" mediaType="HDD"
coercedSize="3814697 MB" vendor="SEAGATE" productId="ST4000NM0063" driveFirmware="0004"

  driveSerialNumber="Z1Z8MRC70000R540WM1C" driveState="Foreign Configuration" online="true"

  dedicatedHotSpareForVdId="" locatorLEDStatus="off" fdeCapable="yes" fdeEnabled="yes"
  secured="yes" locked="yes" foreignLocked="yes" adminAction="no-op"
  dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/pd-3" status="modified" >
</storageLocalDisk>
</outConfig>
```

コントローラのキー ID の変更

要求:

```
<configConfMo cookie = '1450387768/f9532d76-271e-171e-8002-deabcdf9eca0'
```

```

inHierarchical='false'
dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt'>
  <inConfig>
    <selfEncryptStorageController adminAction='modify-self-encrypt' keyId='TestKeyChange'

      dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt' />
    </inConfig>
  </configConfMo>

```

応答 :

```

<configConfMo cookie="1450387768/f9532d76-271e-171e-8002-deabcdf9eca0" response="yes"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt">
  <outConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
  keyId="TestKeyChange" securityKey="Security key" existingSecurityKey="Existing security
  key"
  adminAction="no-op" status="modified" >
    </selfEncryptStorageController>
  </outConfig>
</configConfMo>

```

コントローラのセキュリティ キーの変更

要求:

```

<configConfMo cookie = '1450387768/f9532d76-271e-171e-8002-deabcdf9eca0'
inHierarchical='false'
dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt'>
  <inConfig>
    <selfEncryptStorageController adminAction='modify-self-encrypt'
  securityKey='TestSecurityChange' existingSecurityKey='TestSecurity'
  dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt' />
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo cookie="1450387768/f9532d76-271e-171e-8002-deabcdf9eca0" response="yes"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt">
  <outConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
  keyId="TestKeyChange" securityKey="Security key" existingSecurityKey="Existing security
  key"
  adminAction="no-op" status="modified" >
    </selfEncryptStorageController>
  </outConfig>
</configConfMo>

```

コントローラのセキュリティ キーおよびキー ID の変更

要求:

```

<configConfMo cookie = '1450387768/f9532d76-271e-171e-8002-deabcdf9eca0'
inHierarchical='false'

```

```

dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt'>
<inConfig>
  <selfEncryptStorageController adminAction='modify-self-encrypt' keyId='TestKeyChange'
    securityKey='TestSecurityChange' existingSecurityKey='TestSecurity'
    dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt' />
</inConfig>
</configConfMo>

```

応答 :

```

<configConfMo cookie="1450387768/f9532d76-271e-171e-8002-deabcdf9eca0" response="yes"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt">
<outConfig>
  <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
  keyId="TestKeyChange" securityKey="Security key" existingSecurityKey="Existing security
  key"
  adminAction="no-op" status="modified" >
  </selfEncryptStorageController>
</outConfig>
</configConfMo>

```

Network Time Protocol (NTP) プロパティの取得

要求:

```

<configResolveClass cookie='1357785728/200df7e0-d2e6-12e6-8004-3e02e2a85750'
classId='commNtpProvider' inHierarchical='false'>

```

応答 :

```

<configResolveClass cookie="1357785728/200df7e0-d2e6-12e6-8004-3e02e2a85750"
response="yes" classId="commNtpProvider">
<outConfigs>
  <commNtpProvider dn="sys/svc-ext/ntp-svc" description="Network Time Protocol"
  ntpEnable="no" ntpServer1="0.pool.ntp.org" ntpServer2="1.pool.ntp.org"
  ntpServer3="2.pool.ntp.org" ntpServer4="3.pool.ntp.org" >
  </commNtpProvider>
</outConfigs>

```

Network Time Protocol (NTP) プロパティの設定

要求:

```

<configConfMo cookie="1360482215/f33512f0-d559-1559-8007-30339ee53d50"
dn="sys/svc-ext/ntp-svc">
<inConfig>
  <commNtpProvider dn="sys/svc-ext/ntp-svc" ntpEnable="yes" ntpServer1="172.29.xxx.187"

  ntpServer2="ntpserver.cisco.com" ntpServer3="ntp.globalcomp.net"
  ntpServer4="170.xx.198.25" />
</inConfig>
</configConfMo>

```

応答 :

```

<configConfMo cookie="1360482215/f33512f0-d559-1559-8007-30339ee53d50"
response="yes" dn="sys/svc-ext/ntp-svc" >

```

```

<outConfig>
  <commNtpProvider dn="sys/svc-ext/ntp-svc" description="Network Time Protocol"
    ntpEnable="yes" ntpServer1="172.xx.xxx.187" ntpServer2="ntpserver.cisco.com"
    ntpServer3="ntp.globalcomp.net" ntpServer4="170.xx.198.25"
    status="modified"/>
</outConfig>
</configConfMo>

```

すべての Cisco IMC ユーザの取得

要求:

```

<configResolveClass cookie="1360213362/5a499e50-d51b-151b-8008-30339ee53d50"
inHierarchical="false" classId="aaaUser"/>

```

応答:

```

<configResolveClass cookie="1360213362/5a499e50-d51b-151b-8008-30339ee53d50"
response="yes" classId="aaaUser">
  <outConfigs>
    <aaaUser id="1" accountStatus="active" name="admin" priv="admin" pwd=""
dn="sys/user-ext/user-1"/>
    <aaaUser id="2" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-2"/>
    <aaaUser id="3" accountStatus="active" name="server.monitor" priv="read-only" pwd=""
dn="sys/user-ext/user-3"/>
    <aaaUser id="4" accountStatus="active" name="acme" priv="user" pwd=""
dn="sys/user-ext/user-4"/>
    <aaaUser id="5" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-5"/>
    <aaaUser id="6" accountStatus="active" name="msgDept" priv="admin" pwd=""
dn="sys/user-ext/user-6"/>
    <aaaUser id="7" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-7"/>
    <aaaUser id="8" accountStatus="inactive" name="john_srvadmin" priv="admin" pwd=""
dn="sys/user-ext/user-8"/>
    <aaaUser id="9" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-9"/>
    <aaaUser id="10" accountStatus="inactive" name="qa.manager-dept" priv="read-only"
pwd=""
dn="sys/user-ext/user-10"/>
    <aaaUser id="11" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-11"/>
    <aaaUser id="12" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-12"/>
    <aaaUser id="13" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-13"/>
    <aaaUser id="14" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-14"/>
    <aaaUser id="15" accountStatus="inactive" name="" priv="" pwd=""
dn="sys/user-ext/user-15"/>
  </outConfigs>

```

ユーザ名とパスワードを持つ ID 11 Cisco IMC ユーザのセットアップと、このユーザへのログインアクセスの有効化

要求:

```

<configConfMo cookie="1360213362/5a499e50-d51b-151b-8008-30339ee53d50"
inHierarchical="false" dn="sys/user-ext/user-11">

```

```
<inConfig>
  <aaaUser id="11" accountStatus="active" name="master.work" priv="admin"
    pwd="password" dn="sys/user-ext/user-11"/>
</inConfig>
```

応答 :

```
<configConfMo cookie="1360213362/5a499e50-d51b-151b-8008-30339ee53d50" response="yes"
  dn="sys/user-ext/user-11">
  <outConfig>
    <aaaUser id="11" accountStatus="active" name="master.work"
      priv="admin" pwd="" dn="sys/user-ext/user-11" status="modified"/>
  </outConfig>
</configConfMo>
```

ユーザ ID 3 の設定、このユーザの非アクティブ化およびパスワードの変更

要求:

```
<configConfMo cookie="1360213362/5a499e50-d51b-151b-8008-30339ee53d50"
inHierarchical="false" dn="sys/user-ext/user-3">
  <inConfig>
    <aaaUser id="3" accountStatus="inactive" name="server.monitor" priv="user"
      pwd="Game(hang#" dn="sys/user-ext/user-3"/>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo cookie="1360213362/5a499e50-d51b-151b-8008-30339ee53d50" response="yes"
  dn="sys/user-ext/user-3" >
  <outConfig>
    <aaaUser id="3" accountStatus="inactive" name="server.monitor" priv="user"
      pwd="" dn="sys/user-ext/user-3" status="modified"/>
  </outConfig>
```

強力なパスワードの無効化または有効化

強力なパスワードの有効化

要求 :

```
<configConfMo cookie="1438173516/dd4b406b-1c03-1c03-8002-a3209f054ef4"
dn="sys/user-ext/policy" inHierarchical="false">
  <inConfig>
    <aaaUserPolicy userPasswordPolicy="enabled" dn="sys/user-ext/policy"/>
  </inConfig>
</configConfMo>
```

強力なパスワードの無効化

要求 :

```
<configConfMo cookie="1438173516/dd4b406b-1c03-1c03-8002-a3209f054ef4"
dn="sys/user-ext/policy" inHierarchical="false">
  <inConfig>
    <aaaUserPolicy userPasswordPolicy="disabled" dn="sys/user-ext/policy"/>
  </inConfig>
</configConfMo>
```

メモリユニットの統計情報の取得

要求:

```
<configResolveClass cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'
inHierarchical='false' classId='memoryUnitEnvStats'>
```

応答:

```
<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58" response="yes"
classId="memoryUnitEnvStats">
<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58"
response="yes" classId="memoryUnitEnvStats">
  <outConfigs>
    <memoryUnitEnvStats dn="sys/rack-unit-1/board/memarray-1/mem-9/dimm-env-stats"
      id="9" description="CPU1_B0_DIMM_1" temperature="16.0"
timeCollected="2013-2-5T19:33:41">
    </memoryUnitEnvStats>
    <memoryUnitEnvStats dn="sys/rack-unit-1/board/memarray-1/mem-13/dimm-env-stats"
      id="13" description="CPU1_B1_DIMM_1" temperature="18.0"
timeCollected="2013-2-5T19:33:42">
    </memoryUnitEnvStats>
  </outConfigs>
</configResolveClass>
```

特定の DIMM メモリユニットの統計情報の取得

要求:

```
<configResolveDn cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'
inHierarchical='false' dn='sys/rack-unit-1/board/memarray-1/mem-45/dimm-env-stats' >
```

応答:

```
<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58" response="yes"
classId="memoryUnitEnvStats">
  <outConfigs>
    <memoryUnitEnvStats dn="sys/rack-unit-1/board/memarray-1/mem-9/dimm-env-stats"
      id="9" description="CPU1_B0_DIMM_1" temperature="16.0" timeCollected="2013-2-5T19:33:41"
    </memoryUnitEnvStats>
  </outConfigs>
</configResolveClass>
```

プロセッサ環境統計情報の取得

要求:

```
<configResolveClass cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'
inHierarchical='false' classId='processorEnvStats'>
```

応答:

```
<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58" response="yes"
classId="processorEnvStats">
```

```

<outConfigs>
  <processorEnvStats dn="sys/rack-unit-1/board/cpu-1/env-stats"
    id="1" description="P1_TEMP_SENS" temperature="36.0" timeCollected="2013-2-9T19:40:37">
  </processorEnvStats>
  <processorEnvStats dn="sys/rack-unit-1/board/cpu-2/env-stats"
    id="2" description="P2_TEMP_SENS" temperature="35.0" timeCollected="2013-2-9T19:40:37">
  </processorEnvStats>
</outConfigs>
</configResolveClass>

```

特定の DIMM プロセッサ環境統計情報の取得

要求:

```

<configResolveDn cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'
inHierarchical='false' dn='sys/rack-unit-1/board/cpu-2/env-stats' >

```

応答:

```

<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58" response="yes"
classId="processorEnvStats">
  <outConfigs>
    <processorEnvStats dn="sys/rack-unit-1/board/cpu-1/env-stats"
      id="1" description="P1_TEMP_SENS" temperature="36.0"
timeCollected="2012-11-29T19:40:37">
    </processorEnvStats>
    <processorEnvStats dn="sys/rack-unit-1/board/cpu-2/env-stats"
      id="2" description="P2_TEMP_SENS" temperature="35.0"
timeCollected="2012-11-29T19:40:37">
    </processorEnvStats>
  </outConfigs>
</configResolveClass>

```

マザーボードの温度の統計情報の取得

要求:

```

<configResolveClass cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'
classId='computeRackUnitMbTempStats' inHierarchical='false'>

```

応答:

```

<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58" response="yes"
classId="computeRackUnitMbTempStats">
  <outConfigs>
    <computeRackUnitMbTempStats dn="sys/rack-unit-1/board/temp-stats" ambientTemp="18.0"
      frontTemp="18.0" ioh1Temp="46.0" ioh2Temp="53.0"
rearTemp="32.0" timeCollected="2013-2-9T19:41:29" >
    </computeRackUnitMbTempStats>
  </outConfigs>
</configResolveClass>

```

特定の DIMM のマザーボード温度の統計情報の取得

要求:

```
<configResolveDn cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'  
inHierarchical='false' dn='sys/rack-unit-1/board/temp-stats' >
```

応答:

```
<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58" response="yes"  
  
classId="computeRackUnitMbTempStats">  
  <outConfigs>  
    <computeRackUnitMbTempStats dn="sys/rack-unit-1/board/temp-stats"  
      ambientTemp="18.0" frontTemp="18.0" ioh1Temp="46.0" ioh2Temp="53.0" rearTemp="32.0"  
  
      timeCollected="2013-2-9T19:41:29" >  
    </computeRackUnitMbTempStats>  
  </outConfigs>  
</configResolveClass>
```

マザーボード電源の統計情報の取得

要求:

```
<configResolveClass cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'  
classId='computeMbPowerStats' inHierarchical='false'>
```

応答:

```
<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58" response="yes"  
  
classId="computeMbPowerStats">  
  <outConfigs>  
    <computeMbPowerStats dn="sys/rack-unit-1/board/power-stats"  
      consumedPower="280" inputCurrent="" inputVoltage=""  
timeCollected="2012-11-29T19:49:49" >  
    </computeMbPowerStats>  
  </outConfigs>  
</configResolveClass>
```

特定の DIMM のマザーボード電源の統計情報の取得

要求:

```
<configResolveDn cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'  
inHierarchical='false' dn='sys/rack-unit-1/board/power-stats'>
```

応答:

```
<configResolveClass cookie="1354217286/484b4498-cfa7-1fa7-8002-aab825098d58" response="yes"  
  
classId="computeMbPowerStats">  
  <outConfigs>  
    <computeMbPowerStats dn="sys/rack-unit-1/board/power-stats"  
      consumedPower="280" inputCurrent="" inputVoltage="" timeCollected="2013-2-9T19:49:49">  
  
    </computeMbPowerStats>  
  </outConfigs>  
</configResolveClass>
```


iSCSI パラメータの取得

要求:

```
<configResolveDn cookie='1350453563/f8f69e20-cc3a-1c3a-8003-6cdd29114ca4'
inHierarchical='false' dn='sys/rack-unit-1/adaptor-1/host-eth-adad/ethiscsi'>
```

応答:

```
<configResolveClass cookie="1350515994/821ald18-cc49-1c49-8007-6cdd29114ca4" response="yes"
classId="adaptorEthISCSIProfile">
<outConfigs>
  <adaptorEthISCSIProfile dn="sys/rack-unit-1/adaptor-2/host-eth-eth0/ethiscsi"
    linkupTimeout="15" linkBusyRetryCount="15" ipVer="IPv4" dhcpId="" dhcpTimeout="60"
    dhcpNetworkSettings="enabled" dhcpISCSI="enabled" initiatorName="test"
  initiatorTCPTimeout="15"
    primaryTargetName="test.com" primaryTargetIPAddress="192.xxx.1.1"
  primaryTargetPort="3260"
    primaryTargetBootLun="0">
  </adaptorEthISCSIProfile>
</outConfigs>
</configResolveClass>
```

iSCSI ブートの削除

要求:

```
<configConfMo cookie='1350517826/ef4dd140-cc49-1c49-8008-6cdd29114ca4'
inHierarchical='false' dn='sys/rack-unit-1/adaptor-2/host-eth-eth1/ethiscsi' >
<inConfig>
  <adaptorEthISCSIProfile linkupTimeout='85' linkBusyRetryCount='135' dhcpId='vendrocisco'

    dhcpTimeout='88' dhcpNetworkSettings='enabled' dhcpISCSI='enabled' status='removed'

    dn='sys/rack-unit-1/adaptor-2/host-eth-eth1/ethiscsi'>
  </adaptorEthISCSIProfile>
</inConfig>
</configConfMo>
```

応答: iSCSI ブートが Web ユーザ インターフェイスまたは CLI で無効になっていることを確認します。

```
<configConfMo cookie="1350517826/ef4dd140-cc49-1c49-8008-6cdd29114ca4" "response="yes"
dn="sys/rack-unit-1/adaptor-2/host-eth-eth1/ethiscsi">
<outConfig>
</outConfig>
</configConfMo>
```

Cisco IMC で識別された障害オブジェクトの取得

要求:

```
<configResolveClass cookie="1360461607/26daf980-d555-1555-8004-0834b6fdd0d0"
inHierarchical="false" classId="faultInst">
```

応答:

```

<configResolveClass cookie="1360461607/26daf980-d555-1555-8004-0834b6fdd0d0" response="yes"
classId="faultInst">
  <outConfigs>
    <faultInst ack="yes" cause="powerproblem" code="F0883"
      created="Sat Feb 9 00:30:40 2013"
      descr="Power supply 4 is in a degraded state, or has bad input voltage"
      affectedDN="sys/rack-unit-1/psu-4" highestSeverity="critical" id="167773192"
      lastTransition="Sat Feb 9 00:24:08 2013" lc="flapping" occur="16"
      origSeverity="cleared"
      prevSeverity="cleared" rule="fltEquipmentPsuInputError" severity="critical"
      tags="server" type="server" dn="sys/rack-unit-1/fault-F0883"/>
    <faultInst ack="yes" cause="psuRedundancyFail" code="F0743"
      created="Sat Feb 9 00:30:40 2013"
      descr="Power Supply redundancy is lost : Reseat or replace Power Supply "
      affectedDN="sys/rack-unit-1/psu" highestSeverity="critical" id="352321544"
      lastTransition="Sat Feb 9 00:24:08 2013" lc="flapping" occur="16"
      origSeverity="cleared"
      prevSeverity="cleared" rule="fltPowerChassisMemberChassisPsuRedundanceFailure"
      severity="major" tags="server" type="server" dn="sys/rack-unit-1/fault-F0743"/>
    <faultInst ack="yes" cause="equipmentDegraded" code="F0969"
      created="Fri Feb 8 23:57:44 2013" descr="Storage Raid Battery 11 Degraded:
      please check the battery or the storage controller"
      affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-SAS/raid-battery-11"
      highestSeverity="critical" id="3539995392" lastTransition="Fri Feb 8 23:11:08 2013"
      lc="flapping" occur="2" origSeverity="cleared" prevSeverity="cleared"
      rule="fltStorageRaidBatteryDegraded" severity="major" tags="storage" type="server"
      dn="sys/rack-unit-1/fault-F0969"/>
    <faultInst ack="yes" cause="equipmentInoperable" code="F0531"
      created="Fri Feb 8 23:57:44 2013"
      descr="Storage Raid Battery 11 is inoperable: Check Controller battery"
      affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-SAS/raid-battery-11"
      highestSeverity="critical" id="3539995392" lastTransition="Fri Feb 8 23:11:08 2013"
      lc="flapping" occur="2" origSeverity="cleared" prevSeverity="cleared"
      rule="fltStorageRaidBatteryInoperable" severity="major" tags="storage"
      type="server" dn="sys/rack-unit-1/fault-F0531"/>
  </outConfigs>
</configResolveClass>

```

一時的な認証トークンの生成と KVM の起動

XML API を使用した KVM コンソールの起動には、以下のものが含まれます。

- セッション Cookie の取得。
- 一時的な認証トークンの生成。
- トークンを使用した JNLP ファイルをダウンロードするための URL へのアクセス。
- KVM の起動。

認証トークンの取得に関する要求：

```
<aaaGetComputeAuthTokens cookie="1363034734/412ce290-d7ac-17ac-8006-c979e5e53d50" />'
```

認証トークンの取得に関する応答：

```
<aaaGetComputeAuthTokens cookie="1363034734/412ce290-d7ac-17ac-8006-c979e5e53d50"
  outTokens="1957747793,424238335" response="yes">
</aaaGetComputeAuthTokens>
```

URLにアクセスするには、60秒以内に次のURLのtkn1とtkn2の部分にトークンを使用して、URLを生成します。

```
javaws http://<Cisco IMC IP address>/kvm.jnlp?cimcAddr=<Cisco IMC IP
address>&tkn1=1957747793&tkn2=424238335
```

URLからJNLPファイルをダウンロードして、それを起動してKVMセッションを開始します。

usNIC デバイス パラメータの取得

要求:

```
<configResolveClass cookie='1301262014/6a0d66ca-3b1a-49e1-b5d4-334749717158'
classId='adaptorEthUSNICProfile' inHierarchical='true'>
```

応答:

```
<configResolveClass cookie="1369708188/0a09aa88-ddbe-1dbe-8003-1fc9e1a85750"
response="yes" classId="adaptorEthUSNICProfile">
<outConfigs>
  <adaptorEthUSNICProfile dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic"
    usnicCount="1" transmitQueueCount="2" transmitQueueRingSize="256"
    receiveQueueCount="2" receiveQueueRingSize="512"
    completionQueueCount="4" interruptCount="4" coalescingType="MIN"
    coalescingTime="125" classOfService="0" tcpSegment="disabled"
    largeReceive="disabled" tcpTxChecksum="disabled"
    tcpRxChecksum="disabled" >
  </adaptorEthUSNICProfile>
</outConfigs>
</configResolveClass>
```

イーサネット インターフェイス usNIC プロファイルの作成

要求:

```
<configConfMo cookie="1364563172/1f244b38-d910-1910-8002-02249ee53d50"
dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic">
  <inConfig>
    <adaptorEthUSNICProfile dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic"
      usnicCount="3"/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic"
cookie="1364563172/1f244b38-d910-1910-8002-02249ee53d50" response="yes">
  <outConfig>
    <adaptorEthUSNICProfile dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic"
      usnicCount="3" transmitQueueCount="2" transmitQueueRingSize="256"
      receiveQueueCount="2" receiveQueueRingSize="512" completionQueueCount="4"
      interruptCount="4" coalescingType="MIN" coalescingTime="125"
      classOfService="0" tcpSegment="disabled" largeReceive="disabled"
      tcpTxChecksum="disabled" tcpRxChecksum="disabled" status="modified">
    </adaptorEthUSNICProfile>
  </outConfig>
</configConfMo>
```

イーサネット インターフェイス usNIC プロファイルの変更

要求:

```
<configConfMo cookie="1364563172/1f244b38-d910-1910-8002-02249ee53d50"
dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic">
  <inConfig>
    <adaptorEthUSNICProfile dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic"
transmitQueueCount="9"
transmitQueueRingSize="3024" receiveQueueCount="11" receiveQueueRingSize="4024"
completionQueueCount="12"
interruptCount="13" coalescingType="IDLE" coalescingTime="1400" classOfService="5"
tcpSegment="enabled"
largeReceive="enabled" tcpTxChecksum="enabled" tcpRxChecksum="enabled"/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic"
cookie="1364563172/1f244b38-d910-1910-8002-02249ee53d50" response="yes">
  <outConfig>
    <adaptorEthUSNICProfile dn="sys/rack-unit-1/adaptor-1/host-eth-eth0/ethusnic"
usnicCount="3" transmitQueueCount="9" transmitQueueRingSize="3024"
receiveQueueCount="11" receiveQueueRingSize="4024"
completionQueueCount="12" interruptCount="13" coalescingType="IDLE"
coalescingTime="1400" classOfService="5"
tcpSegment="enabled" largeReceive="enabled" tcpTxChecksum="enabled"
tcpRxChecksum="enabled" status="modified"/>
  </outConfig>
</configConfMo>
```

LDAP サーバの詳細の取得

要求:

```
<configResolveClass cookie="1370404868/3f5f79b8-de60-1e60-8002-1ec9e1a85750"
response="yes" classId="aaaLdap">
```

応答:

```
<outConfigs>
  <aaaLdap dn="sys/ldap-ext" adminState="enabled" basedn="1.2.3.4"
domain="tfb.com" filter="sAMAccountName" attribute="CiscoAvPair"
timeout="1800" encryption="disabled" locateDirectoryUsingDNS="yes"
dnsDomainSource="extracted-domain" dnsSearchDomain="" dnsSearchForest=""
ldapServer1="172.26.53.36" ldapServerPort1="636"
ldapServer2="0.0.0.0" ldapServerPort2="636"
ldapServer3="ServThree.com" ldapServerPort3="9636"
ldapServer4="myfinance.com" ldapServerPort4="3269"
ldapServer5="199.22.44.253" ldapServerPort5="9269"
ldapServer6="" ldapServerPort6="3269"
bindMethod="login-credentials" bindDn="someDn" password=""
groupAuth="enabled" groupAttribute="memberOf">
  <aaaLdapRoleGroup id="1" name="" domain="" role="admin" rn="rolegroup-1" >
</aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="2" name="" domain="" role="user" rn="rolegroup-2" >
</aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="3" name="" domain="" role="read-only" rn="rolegroup-3">
</aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="4" name="" domain="" role="" rn="rolegroup-4" >
</aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="5" name="" domain="" role="" rn="rolegroup-5" >
```

```

</aaaLdapRoleGroup>
<aaaLdapRoleGroup id="6" name="" domain="" role="" rn="rolegroup-6" >
</aaaLdapRoleGroup>
<aaaLdapRoleGroup id="7" name="" domain="" role="" rn="rolegroup-7" >
</aaaLdapRoleGroup>
<aaaLdapRoleGroup id="8" name="" domain="" role="" rn="rolegroup-8" >
</aaaLdapRoleGroup>
</aaaLdap>
</outConfigs>

```

LDAP サーバの IP アドレスとポート番号の設定

要求:

```

<configConfMo cookie="1351062607/c6c74fd8-ccc8-1cc8-8005-1ec9e1a85750"
inHierarchical="true" dn="sys/ldap-ext">
  <inConfig>
    <aaaLdap dn="sys/ldap-ext" adminState="disabled" basedn="" domain="tfb.com"
      filter="sAMAccountName" attribute="CiscoAvPair" timeout="60"
      encryption="disabled" locateDirectoryUsingDNS="yes"
      dnsDomainSource="extracted-domain"
      ldapServer1="172.26.53.36" ldapServerPort1="636"
      ldapServer2="0.0.0.0" ldapServerPort2="636"
      ldapServer3="ServThree.com" ldapServerPort3="9636"
      ldapServer4="myfinance.com" ldapServerPort4="3269"
      ldapServer5="199.22.44.253" ldapServerPort5="9269"
      ldapServer6="" ldapServerPort6="3269"
      bindMethod="login-credentials" bindDn="" password=""
      groupAuth=disabled" groupAttribute="memberOf">
  </inConfig>

```

応答:

```

<outConfigs>
  <aaaLdap dn="sys/ldap-ext" adminState="disabled" basedn="" domain="tfb.com"
    filter="sAMAccountName" attribute="CiscoAvPair" timeout="60"
    encryption="disabled" locateDirectoryUsingDNS="yes"
    dnsDomainSource="extracted-domain"
    ldapServer1="172.26.53.36" ldapServerPort1="636"
    ldapServer2="0.0.0.0" ldapServerPort2="636"
    ldapServer3="ServThree.com" ldapServerPort3="9636"
    ldapServer4="myfinance.com" ldapServerPort4="3269"
    ldapServer5="199.22.44.253" ldapServerPort5="9269"
    ldapServer6="" ldapServerPort6="3269"
    bindMethod="login-credentials" bindDn="someDn" password=""
    groupAuth="disabled" groupAttribute="memberOf" status="modified">
  <aaaLdapRoleGroup id="1" name="" domain="" role="admin" rn="rolegroup-1" >
    status="modified" </aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="2" name="" domain="" role="user" rn="rolegroup-2" >
    status="modified" </aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="3" name="" domain="" role="read-only" rn="rolegroup-3">
    status="modified" </aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="4" name="" domain="" role="" rn="rolegroup-4" >
    status="modified" </aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="5" name="" domain="" role="" rn="rolegroup-5" >
    status="modified" </aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="6" name="" domain="" role="" rn="rolegroup-6" >
    status="modified" </aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="7" name="" domain="" role="" rn="rolegroup-7" >
    status="modified" </aaaLdapRoleGroup>
  <aaaLdapRoleGroup id="8" name="" domain="" role="" rn="rolegroup-8" >
    status="modified" </aaaLdapRoleGroup>

```

```
</aaaLdap>
</outConfigs>
```

LDAP パラメータの設定

LDAP ステータス、暗号化、タイムアウト、ドメイン、ベース Dn、バインディングパラメータ、DNS パラメータ、グループ認証パラメータ、LDAP ロールグループなどの LDAP パラメータを設定できます。次に、LDAP パラメータを設定する例を示します。

要求:

```
<configConfMo cookie="1351062607/c6c74fd8-ccc8-1cc8-8005-1ec9e1a85750"
inHierarchical="true" dn="sys/ldap-ext">
<inConfig>
<aaaLdap dn="sys/ldap-ext" adminState="enabled" basedn="ExampleDn"
domain="Example.com" filter="MysAMAccountNameYes" attribute="CiscoAviator"
timeout="160" encryption="enabled" locateDirectoryUsingDNS="no"
dnsDomainSource="extracted-domain" dnsSearchDomain="child.cp.com"
dnsSearchForest="cp.com"
ldapServer1="172.26.53.36" ldapServerPort1="636"
ldapServer2="0.0.0.0" ldapServerPort2="636"
ldapServer3="ServThree.com" ldapServerPort3="9636"
ldapServer4="myfinance.com" ldapServerPort4="3269"
ldapServer5="199.22.44.253" ldapServerPort5="9269"
ldapServer6="" ldapServerPort6="3269"
bindMethod="anonymous" bindDn="myexampleDn"
password="magic@#%!(#&$" groupAuth="enabled"
groupAttribute="memberOfExample">
<aaaLdapRoleGroup id="1" name="name1"
domain="name1.cisco.com" role="user" rn="rolegroup-1"/>
<aaaLdapRoleGroup id="2" name="" domain="" role="read-only"
rn="rolegroup-2"/>
<aaaLdapRoleGroup id="3" name="" domain="" role="admin"
rn="rolegroup-3"/>
<aaaLdapRoleGroup id="4" name="name2"
domain="sjssjsj.djdjdjd.cook.com" role="user" rn="rolegroup-4"/>
<aaaLdapRoleGroup id="5" name="" domain="" role="" rn="rolegroup-5"/>
<aaaLdapRoleGroup id="6" name="" domain="" role="" rn="rolegroup-6"/>
<aaaLdapRoleGroup id="7" name="" domain="domainname.com"
role="admin" rn="rolegroup-7"/>
<aaaLdapRoleGroup id="8" name="" domain="" role="" rn="rolegroup-8"/>
<aaaLdapRoleGroup id="9" name="" domain="" role="" rn="rolegroup-9"/>
<aaaLdapRoleGroup id="10" name="name3"
domain="dorm.ucs.com" role="read-only" rn="rolegroup-10"/>
</aaaLdap>
</inConfig>
</configMo>
```

応答:

```
<configConfMo cookie="1370760204/fb173e00-deb2-1eb2-8002-1ec9e1a85750"
response="yes" dn="sys/ldap-ext" >
<outConfig>
<aaaLdap dn="sys/ldap-ext" adminState="enabled" basedn="ExampleDn"
domain="Example.com" filter="MysAMAccountNameYes" attribute="CiscoAviator"
timeout="160" encryption="enabled" locateDirectoryUsingDNS="yes"
dnsDomainSource="configured-domain" dnsSearchDomain="child.cp.com"
dnsSearchForest="cp.com"
ldapServer1="172.26.53.36" ldapServerPort1="636"
ldapServer2="0.0.0.0" ldapServerPort2="636"
ldapServer3="ServThree.com" ldapServerPort3="9636"
ldapServer4="myfinance.com" ldapServerPort4="3269"
ldapServer5="199.22.44.253" ldapServerPort5="9269"
```

```

ldapServer6="" ldapServerPort6="3269"
bindMethod="anonymous" bindDn="myexampleDn" password=""
groupAuth="enabled" groupAttribute="memberOfExample"
status="modified">
<aaaLdapRoleGroup id="1" name="name1"
  domain="name1.cisco.com" role="user" rn="rolegroup-1"
  status="modified" />
<aaaLdapRoleGroup id="2" name="" domain="" role="read-only"
  rn="rolegroup-2" anonymous status="modified"/>
<aaaLdapRoleGroup id="3" name="" domain="" role="admin"
  rn="rolegroup-3" status="modified"/>
<aaaLdapRoleGroup id="4" name="name2"
  domain="sjssjsj.djdjdd.cook.com" role="user"
  rn="rolegroup-4" status="modified"/>
<aaaLdapRoleGroup id="5" name="" domain="" role="" rn="rolegroup-5"
  status="modified"/>
<aaaLdapRoleGroup id="6" name="" domain="" role="" rn="rolegroup-6"
  status="modified"/>
<aaaLdapRoleGroup id="7" name="" domain="domainname.com"
  role="admin" rn="rolegroup-7" status="modified"/>
<aaaLdapRoleGroup id="8" name="" domain="" role="" rn="rolegroup-8"
  status="modified"/>
<aaaLdapRoleGroup id="9" name="" domain="" role="" rn="rolegroup-9"
  status="modified"/>
<aaaLdapRoleGroup id="10" name="name3"
  domain="dorm.ucs.com" role="read-only"
  rn="rolegroup-10" status="modified"/>
</aaaLdap>
</inConfig>
</configMo>"

```

NI-IOD サポートについて Cisco IMC を確認するクエリー

リクエスト

```

<configResolveClass cookie="1375699222/ef7afa00-e330-1330-8004-22bcaa4c93a4"
inHierarchical="false" classId="iodController"/>

```

レスポンス

```

<configResolveClass cookie="1375699222/ef7afa00-e330-1330-8004-22bcaa4c93a4"
response="yes" classId="iodController">
  <outConfigs>
    <iodController dn="sys/iod"
      description="Non-Interactive Offline Diagnostics (IOD)"/>
  </outConfigs>
</configResolveClass>

```

要求に応じて入力されるパラメータに基づくスナップショットのトリガー

リクエスト

```

<configConfMo cookie="1375699222/ef7afa00-e330-1330-8004-22bcaa4c93a4"
inHierarchical="true" dn="sys/iod/snapshotStart">
<inConfig>
  <iodSnapshotStart dn="sys/iod/snapshotStart"
    adminState="trigger" isoShareIp="10.10.10.10"
    isoShare="/home/sriparim/xfer/ucs-cxx-scu-3.1.2.iso"
    isoShareType="nfs" username="none" password="none" timeOut="30"
    remoteShareIp="10.10.10.10" remoteSharePath="/home/sriparim/xfer"
    remoteShareFile="" remoteShareType="scp" remoteShareUsername="root"
    remoteSharePassword="topspin123" />

```

```
</inConfig>
</configConfMo>
```

レスポンス

```
<configConfMo cookie="1375699222/ef7afa00-e330-1330-8004-22bcaa4c93a4"
dn="sys/iod/snapshotStart">
  <outConfig>
    <iodSnapshotStart dn="sys/iod/snapshotStart" adminState="triggered"
      isoShareIp="10.10.10.10" isoSharePath="/home/sriparim/xfer"
      isoShareFile="ucs-cxx-scu-3.1.2.iso" isoShareType="nfs"
      username="none" password="" remoteShareIp="10.10.10.10"
      remoteSharePath="/home/sriparim/xfer" remoteShareFile=""
      remoteShareType="scp" remoteShareUsername="root" remoteSharePassword=""
      timeOut="30" status="modified" />
  </outConfig>
</configConfMo>
```

現在または過去のスナップショット操作のステータスの照会

要求

```
<configResolveClass inHierarchical="false"
cookie="1375695710/1e1ff5c8-e330-1330-8002-22bcaa4c93a4"
classId="iodSnapshotStatus"/>
```

応答：ホストが起動中です

```
<configResolveClass cookie="1375695710/1e1ff5c8-e330-1330-
8002-22bcaa4c93a4" response="yes" classId="iodSnapshotStatus">
  <outConfigs>
    <iodSnapshotStatus dn="sys/iod/snapshotStatus" currentStatus=
      "SCU (NI-IOD) booting in progress" currentTime="Mon Aug 5 09:46:00 2013 "
      startTime="Mon Aug 5 09:46:00 2013 " runningTime="NA"
      snapshotReport="yes" remoteShareIp="NA"
      remoteSharePath="NA" remoteShareFile="NA" />
  </outConfigs>
</configResolveClass>
```

応答：IOD テストは進行中です

```
<configResolveClass cookie="1375699222/ef7afa00-e330-
1330-8004-22bcaa4c93a4" response="yes" classId="iodSnapshotStatus">
  <outConfigs>
    <iodSnapshotStatus dn="sys/iod/snapshotStatus"
      currentStatus="SCU Non-interactive IOD tests is in progress"
      currentTime="Mon Aug 5 10:48:54 2013"
      "startTime="Mon Aug 5 10:40:29 2013" runningTime="
      0 Hours 8 Minutes 49 Seconds" snapshotReport="yes" remoteShareIp="NA"
      remoteSharePath="NA"remoteShareFile="NA" />
  </outConfigs>
</configResolveClass>
```

応答：IOD テストは完了しました

```
<configResolveClass cookie="1375699222/ef7afa00-e330-1330-
8004-22bcaa4c93a4" response="yes" classId="iodSnapshotStatus">
  <outConfigs>
    <iodSnapshotStatus dn="sys/iod/snapshotStatus" currentStatus="
      Snapshot completed on this CIMC" currentTime="Mon Aug 5 11:11:24 2013"
      startTime="Mon Aug 5 10:40:29 2013 " runningTime="
      0 Hours 31 Minutes 0 Seconds" snapshotReport="yes"
      remoteShareIp="10.10.10.10" remoteSharePath="/home/sriparim/xfer"
      remoteShareFile="" />
  </outConfigs>
</configResolveClass>
```



```
</outConfigs>
</configResolveClass>
```

応答：進行中のセッションはありません

```
<configResolveClass cookie="1375710321/850e6910-e333-1333
-8006-22bcaa4c93a4" response="yes" classId="iodSnapshotStatus">
<outConfigs>
<iodSnapshotStatus dn="sys/iod/snapshotStatus"
  currentStatus="NI-IOD session not found" currentTime="Sat Jan 3 00:26:05 1970"
  startTime="NA" runningTime="NA" snapshotReport="no" remoteShareIp="NA"
  remoteSharePath="NA" remoteShareFile="NA" />
</outConfigs>
</configResolveClass>
```

サーバの既存の障害イベントの取得

要求:

```
<configResolveClass cookie='1307953743/b63ff130-a593-1593-8004-2e4ac2e14388'
classId='faultInst' inHierarchical='true'>
```

応答：

```
<configResolveClass cookie="1373297279/b08308c8-e101-1101
-8007-5afca0114ca4" response="yes" classId="faultInst">
<outConfigs>
<faultInst ack="yes" cause="equipmentDegraded" code="F1008"
  created="Sun Jun 30 18:51:36 2013" descr="Storage Virtual Drive 0
  Degraded: please check the storage controller, or reseal the storage drive"
  affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-0"
  highestSeverity="critical" id="3523280896" lastTransition="" lc="flapping"
  occur="1" origSeverity="cleared" prevSeverity="cleared"
  rule="fltStorageVirtualDriveDegraded" severity="warning" tags="storage"
  type="server" dn="sys/rack-unit-1/fault-F1008" >
</faultInst>
</outConfigs>
</configResolveClass>
```

affectedDn のオブジェクトおよび障害の詳細の取得

これにより、オブジェクトと関連する障害の詳細が取得されます。

要求:

```
<configResolveDn cookie="1374520602/84383130-e21e-121e-8003-5afca0114ca4"
response="yes" dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-16">
```

応答：

```
<outConfig>
<storageLocalDisk id="16" pdStatus="Rebuilding" health="Moderate Fault"
  predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SATA"
  mediaType="HDD" coercedSize="476416 MB" vendor="ATA" productId="ST9500620NS"
  driveFirmware="CC02" driveSerialNumber="9XF14F21" driveState="rebuild"
  online="false" dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-16" >
<storageLocalDiskProps rn="general-props" physicalDrive="16"
  enclosureDeviceId="8" deviceId="12" sequenceNumber="4" mediaErrorCount="0"
  otherErrorCount="0" predictiveFailureCount="0" linkSpeed="6.0 Gb/s"
  interfaceType="SATA" mediaType="HDD" blockSize="512" blockCount="976773168"
  rawSize="476940 MB" nonCoercedSize="476428 MB" coercedSize="476416 MB"
  powerState="active" sasAddress0="a44c11a0fc5a009f" sasAddress1="0x0" >
</storageLocalDiskProps>
```

```
<faultInst ack="yes" cause="equipment-inoperable" code="F0181"
  created="Mon Jul 22 18:48:14 2013" descr="Storage Local disk 16 is inoperable:
  reset or replace the storage drive 16"
  affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-16"
  highestSeverity="critical" id="3506704384" lastTransition=""
  lc="flapping" occur="1" origSeverity="0" prevSeverity="0"
  rule="fltStorageLocalDiskInoperable" severity="3" tags="2" type="server"
  rn="fault-F0181" >
</faultInst>
</storageLocalDisk>
</outConfig>
</configResolveDn>
```

障害 Dn の障害の詳細の取得

要求:

```
<configResolveDn cookie="1374520602/84383130-e21e-121e-8003-5afca0114ca4"
  dn="sys/rack-unit-1/fan-module-1-1/fan-1/fault-F0395">
```

応答:

```
<configResolveDn cookie="1388395900/1c7baee0-eebd-1ebd-808c-1fc9e1a85750"
  response="yes" dn="sys/rack-unit-1/fan-module-1-1/fan-1/fault-F0395">
<outConfig>
  <faultInst ack="yes" cause="performance-problem" code="F0395"
    created="Mon Dec 30 09:35:19 2013" descr="FAN1_TACH1:
    Fan speed for fan-1 is lower non critical:Check the air intake to the server"
    affectedDN="sys/rack-unit-1/fan-module-1-1/fan-1"
    highestSeverity="critical" id="486539524" lastTransition="" lc="flapping"
    occur="1" origSeverity="cleared" prevSeverity="cleared"
    rule="fltEquipmentFanPerfThresholdNonCritical" severity="minor"
    tags="server" type="server"
    dn="sys/rack-unit-1/fan-module-1-1/fan-1/fault-F0395" >
  </faultInst>
</outConfig>
</configResolveDn>
```

マスター XML 要求を使用したさまざまなプラットフォーム間での BIOS パラメータの設定

XML API インターフェイスを使用して、マスター BIOS パラメータ設定の XML 要求をもちいた、異なる C シリーズ サーバ間での BIOS パラメータを設定できます。このマスター XML 要求内の BIOS パラメータで、特定のプラットフォームでサポートされていないものは無視されます。サポート対象のパラメータは、XML 要求で指定されている内容に応じて設定されます。

要求:

```
<configConfMo dn="sys/rack-unit-1/bios/bios-settings"
  inHierarchical="true" cookie="1379605932/898925a0-e6be-16be-922b-5bfca0114ca4">
<inConfig>
  <biosSettings>
    <biosVfAdjacentCacheLinePrefetch dn="sys/rack-unit-1
      /bios/bios-settings/ Adjacent-Cache-Line-Prefetch"
      vpAdjacentCacheLinePrefetch="enabled"/>
    <biosVfAltitude dn="sys/rack-unit-1/bios/bios-settings
      /Altitude-Param" vpAltitude="900-m"/>
    <biosVfASPMsSupport dn="sys/rack-unit-1/bios/bios-settings
      /ASPM-Support" vpASPMsSupport="Disabled"/>
    <biosVfAssertNMIOnPERR dn="sys/rack-unit-1/bios/bios-settings
      /Assert-NMI-on-PERR" vpAssertNMIOnPERR="enabled"/>
    <biosVfAssertNMIOnSERR dn="sys/rack-unit-1/bios/bios-settings
      /Assert-NMI-on-SERR" vpAssertNMIOnSERR="enabled"/>
```

```
<biosVfBootOptionRetry dn="sys/rack-unit-1/bios/bios-settings
/Boot-option-retry" vpBootOptionRetry="disabled"/>
<biosVfCkeLowPolicy dn="sys/rack-unit-1/bios/bios-settings
/Cke-Low-Policy" vpCkeLowPolicy="auto"/>
<biosVfConsoleRedirection dn="sys/rack-unit-1/bios/bios-settings
/Console-redirection" vpLegacyOSRedirection="disabled"
vpRedirectionAfterPOST="Always Enable" vpPuttyKeyPad="ESCN"
vpTerminalType="vt100-plus" vpFlowControl="none"
vpConsoleRedirection="enabled" vpBaudRate="115200"/>
<biosVfCoreMultiProcessing dn="sys/rack-unit-1/bios/bios-settings
/Core-MultiProcessing" vpCoreMultiProcessing="all"/>
<biosVfCPUEnergyPerformance dn="sys/rack-unit-1/bios/bios-settings
/CPU-EngPerfBias"vpCPUEnergyPerformance="balanced-performance"/>
<biosVfCPUFrequencyFloor dn="sys/rack-unit-1/bios/bios-settings
/CPU-FreqFloor" vpCPUFrequencyFloor="disabled"/>
<biosVfCPUPerformance dn="sys/rack-unit-1/bios/bios-settings
/CPU-Performance" vpCPUPerformance="enterprise"/>
<biosVfCPUPowerManagement dn="sys/rack-unit-1/bios/bios-settings
/CPU-PowerManagement" vpCPUPowerManagement="energy-efficient"/>
<biosVfDCUPrefetch dn="sys/rack-unit-1/bios/bios-settings
/DCU-Prefetch" vpIPPrefetch="enabled"
vpStreamerPrefetch="enabled"/>
<biosVfDemandScrub dn="sys/rack-unit-1/bios/bios-settings
/Demand-Scrub-Param"
vpDemandScrub="enabled"/>
<biosVfDirectCacheAccess dn="sys/rack-unit-1/bios/bios-settings
/Direct-Cache-Access" vpDirectCacheAccess="enabled"/>
<biosVfDRAMClockThrottling dn="sys/rack-unit-1/bios/bios-settings
/DRAM-Clock-Throttling" vpDRAMClockThrottling="Balanced"/>
<biosVfDramRefreshRate dn="sys/rack-unit-1/bios/bios-settings
/dram-refresh-rate" vpDramRefreshRate="Auto"/>
<biosVfEnhancedIntelSpeedStepTech dn="sys/rack-unit-1/bios
/bios-settings/Enhanced-Intel-SpeedStep-Tech"
vpEnhancedIntelSpeedStepTech="enabled"/>
<biosVfExecuteDisableBit dn="sys/rack-unit-1/bios/bios-settings
/Execute-Disable-Bit" vpExecuteDisableBit="enabled"/>
<biosVfFRB2Enable dn="sys/rack-unit-1/bios/bios-settings
/FRB2-Enable" vpFRB2Enable="enabled"/>
<biosVfHardwarePrefetch dn="sys/rack-unit-1/bios/bios-settings
/Hardware-Prefetch" vpHardwarePrefetch="enabled"/>
<biosVfIntelHyperThreadingTech dn="sys/rack-unit-1/bios
/bios-settings/Intel-HyperThreading-Tech"
vpIntelHyperThreadingTech="enabled"/>
<biosVfIntelTurboBoostTech dn="sys/rack-unit-1/bios/bios-settings
/Intel-Turbo-Boost-Tech" vpIntelTurboBoostTech="enabled"/>
<biosVfIntelVirtualizationTechnology dn="sys/rack-unit-1
/bios/bios-settings/Intel-Virtualization-Technology"
vpIntelVirtualizationTechnology="enabled"/>
<biosVfIntelVTForDirectedIO dn="sys/rack-unit-1/bios/bios-settings
/Intel-VT-for-directed-IO" vpIntelVTForDirectedIO="enabled"
vpIntelVTDPassThroughDMASupport="enabled"
vpIntelVTInterruptRemapping="enabled"
vpIntelVTDCoherencySupport="disabled"
vpIntelVTDATSSupport="enabled"/>
<biosVfIOHResource dn="sys/rack-unit-1/bios/bios-settings
/ioh-resource" vpIOHResource="IOH0 40k IOH1 24k"/>
<biosVfLegacyUSBSupport dn="sys/rack-unit-1/bios
/bios-settings/LegacyUSB-Support" vpLegacyUSBSupport="enabled"/>
<biosVfLOMPortOptionROM dn="sys/rack-unit-1/bios/bios-settings
/LOMPort-OptionROM" vpLOMPort3State="Enabled"
vpLOMPort2State="Enabled" vpLOMPort1State="Enabled"
vpLOMPort0State="Enabled" vpLOMPortsAllState="Enabled"/>
<biosVfLvDIMMSupport dn="sys/rack-unit-1/bios/bios-settings
/LvDIMM-Support" vpLvDDRMMode="power-saving-mode"/>
```

```

<biosVfMemoryInterleave dn="sys/rack-unit-1/bios/bios-settings
/ Memory-Interleave" vpRankInterLeave="auto"
vpChannelInterLeave="auto"/>
<biosVfMemoryMappedIOAbove4GB dn="sys/rack-unit-1/bios/bios-settings/
Memory-mapped-IO-above-4GB" vpMemoryMappedIOAbove4GB="enabled"/>
<biosVfMirroringMode dn="sys/rack-unit-1/bios/bios-settings
/ Mirroring-Mode" vpMirroringMode="intra-socket"/>
<biosVfNUMAOptimized dn="sys/rack-unit-1/bios/bios-settings
/ NUMA-optimized" vpNUMAOptimized="enabled"/>
<biosVfOnboardNIC dn="sys/rack-unit-1/bios/
bios-settings/ Onboard-NIC" vpOnboard10GbitLOM="enabled"
vpOnboardGbitLOM="enabled"/>
<biosVfOnboardStorage dn="sys/rack-unit-1/bios/bios-settings
/ Onboard-Storage" vpOnboardSCUStorageSupport="disabled"/>
<biosVfOnboardStorageSWStack dn="sys/rack-unit-1/bios
/ bios-settings/ Onboard-SCU-Storage-SWStack"
vpOnboardSCUStorageSWStack="LSI SW RAID"/>
<biosVfOSBootWatchdogTimer dn="sys/rack-unit-1/bios/bios-settings/
OS-Boot-Watchdog-Timer-Param" vpOSBootWatchdogTimer="disabled"/>
<biosVfOSBootWatchdogTimerPolicy dn="sys/rack-unit-1/bios
/ bios-settings/ OS-Boot-Watchdog-Timer-Policy"
vpOSBootWatchdogTimerPolicy="power-off"/>
<biosVfOSBootWatchdogTimerTimeout dn="sys/rack-unit-1/bios
/ bios-settings/ OS-Boot-Watchdog-Timer-Time-Out"
vpOSBootWatchdogTimerTimeout="10-minutes"/>
<biosVfOutOfBandMgmtPort dn="sys/rack-unit-1/bios/bios-settings
/ OoB-MgmtPort" vpOutOfBandMgmtPort="Enabled"/>
<biosVfPackageCStateLimit dn="sys/rack-unit-1/bios/bios-settings/
Package-CState-Limit" vpPackageCStateLimit="c3-state"/>
<biosVfPatrolScrub dn="sys/rack-unit-1/bios/bios-settings
/ Patrol-Scrub-Param" vpPatrolScrub="enabled"/>
<biosVfPatrolScrubDuration dn="sys/rack-unit-1/bios/bios-settings/
Patrol-Scrub-Duration" vpPatrolScrubDuration="8"/>
<biosVfPCIOptionROMs dn="sys/rack-unit-1/bios/bios-settings
/ PCI-OptionROMs" vpPCIOptionROMs="Legacy Only"/>
<biosVfPCISlotOptionROMEnable dn="sys/rack-unit-1/bios/bios-settings
/ PCI-Slot-OptionROM-Enable" vpSlotMezzState="Enabled"
vpSlot7LinkSpeed="GEN3" vpSlot6LinkSpeed="GEN2"
vpSlot5LinkSpeed="GEN2" vpSlot4LinkSpeed="GEN2"
vpSlot3LinkSpeed="GEN2" vpSlot2LinkSpeed="GEN2"
vpSlot1LinkSpeed="GEN2" vpSlot10State="Enabled"
vpSlot9State="Enabled" vpSlot8State="Enabled"
vpSlot7State="Enabled" vpSlot6State="Enabled"
vpSlot5State="Enabled" vpSlot4State="Enabled"
vpSlot3State="Enabled" vpSlot2State="Enabled"
vpSlot1State="Enabled"/>
<biosVfPOSTErrorPause dn="sys/rack-unit-1/bios/bios-settings
/ POST-error-pause" vpPOSTErrorPause="disabled"/>
<biosVfProcessorC1E dn="sys/rack-unit-1/bios/bios-settings
/ Processor-C1E" vpProcessorC1E="enabled"/>
<biosVfProcessorC3Report dn="sys/rack-unit-1/bios
/ bios-settings/ Processor-C3-Report" vpProcessorC3Report="enabled"/>
<biosVfProcessorC6Report dn="sys/rack-unit-1/bios/bios-settings
/ Processor-C6-Report" vpProcessorC6Report="enabled"/>
<biosVfProcessorCState dn="sys/rack-unit-1/bios/bios-settings
/ Processor-C-State" vpProcessorCState="enabled"/>
<biosVfPStateCoordType dn="sys/rack-unit-1/bios
/ bios-settings/p-state-coord" vpPStateCoordType="HW ALL"/>
<biosVfQPICongfig dn="sys/rack-unit-1/bios/bios-settings
/ QPI-Config" vpQPILinkFrequency="auto"/>
<biosVfSelectMemoryRASConfiguration dn="sys/rack-unit-1/bios
/ bios-settings/ SelectMemory-RAS-configuration"
vpSelectMemoryRASConfiguration="sparing"/>
<!-- port A supported in Alpine and SM -->

```

```

<biosVfSerialPortAEnable dn="sys/rack-unit-1/bios/bios-settings
/Serial-port-A-enable" vpSerialPortAEnable="enabled"/>
<biosVfSparingMode dn="sys/rack-unit-1/bios/bios-settings
/Sparing-Mode" vpSparingMode="rank-sparing"/>
<biosVfSrIov dn="sys/rack-unit-1/bios/bios-settings/sr-iov"
vpSrIov="disabled"/>
<biosVfTPMSupport dn="sys/rack-unit-1/bios/bios-settings
/TPM-Support" vpTPMSupport="disabled"/>
<biosVfUCSMBBootOrderRuleControl dn="sys/rack-unit-1/bios
/bios-settings/Boot-Order-Rules" vpUCSMBBootOrderRule="Loose"/>
<biosVfUSBBootConfig dn="sys/rack-unit-1/bios/bios-settings
/USB-Boot-Config" vpMakeDeviceNonBootable="disabled"/>
<biosVfUSBEmulation dn="sys/rack-unit-1/bios/bios-settings
/USBEmulation-Support" vpUSBEmul6064="enabled"/>
<biosVfUSBPortsConfig dn="sys/rack-unit-1/bios/bios-settings
/USB-Ports-Config" vpUsbPortSDCard="enabled"
vpUsbPortVMedia="enabled" vpUsbPortKVM="enabled"
vpUsbPortInternal="enabled" vpUsbPortFront="enabled"
vpUsbPortRear="enabled" vpAllUsbDevices="enabled"/>
<biosVfVgaPriority dn="sys/rack-unit-1/bios/bios-settings
/VgaPriority" vpVgaPriority="Onboard"/>
</biosSettings>
</inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/bios/bios-settings"
cookie="1379605932/898925a0-e6be-16be-922b-5bfca0114ca4" response="yes">
<outConfig>
<biosSettings dn="sys/rack-unit-1/bios/bios-settings" status="modified" >
<biosVfIntelVTForDirectedIO rn="Intel-VT-for-directed-IO"
vpIntelVTDATSSupport="enabled" vpIntelVTDCoherencySupport="disabled"
vpIntelVTForDirectedIO="enabled" status="modified" >
</biosVfIntelVTForDirectedIO><biosVfSelectMemoryRASConfiguration
rn="SelectMemory-RAS-configuration" vpSelectMemoryRASConfiguration=
"maximum-performance" status="modified" >
</biosVfSelectMemoryRASConfiguration>
<biosVfProcessorC6Report rn="Processor-C6-Report"
vpProcessorC6Report="enabled" status="modified" >
</biosVfProcessorC6Report>
<biosVfIntelHyperThreadingTec rn="Intel-HyperThreading-Tech"
vpIntelHyperThreadingTech="enabled" status="modified" >
</biosVfIntelHyperThreadingTech>
<biosVfEnhancedIntelSpeedStepTech rn="Enhanced-Intel-SpeedStep-Tech"
vpEnhancedIntelSpeedStepTech="enabled" status="modified" >
</biosVfEnhancedIntelSpeedStepTech>
<biosVfIntelVirtualizationTechnology rn="Intel-Virtualization-Technology"
vpIntelVirtualizationTechnology="enabled" status="modified" >
</biosVfIntelVirtualizationTechnology>
<biosVfMemoryMappedIOAbove4GB rn="Memory-mapped-IO-above-4GB"
vpMemoryMappedIOAbove4GB="enabled" status="modified" >
</biosVfMemoryMappedIOAbove4GB>
<biosVfCPUPerformance rn="CPU-Performance" vpCPUPerformance="enterprise"
status="modified" ></biosVfCPUPerformance>
<biosVfLvDIMMSupport rn="LvDIMM-Support" vpLvDDRMode="power-saving-mode"
status="modified" >
.
.
.
<biosVfUSBPortsConfig rn="USB-Ports-Config" vpAllUsbDevices="enabled"
vpUsbPortRear="enabled" vpUsbPortFront="enabled"
vpUsbPortInternal="enabled" vpUsbPortKVM="enabled"
vpUsbPortVMedia="enabled" status="modified" >
</biosVfUSBPortsConfig>

```

```

<biosVfQPIConfig rn="QPI-Config" vpQPILinkFrequency="auto"
  status="modified" > </biosVfQPIConfig>
<biosVfOnboardStorage rn="Onboard-Storage" vpOnboardSCUStorageSupport="disabled"
  status="modified" ></biosVfOnboardStorage>
<biosVfLegacyUSBSupport rn="LegacyUSB-Support" vpLegacyUSBSupport="enabled"
  status="modified" ></biosVfLegacyUSBSupport>
<biosVfUSBEmulation rn="USBEmulation-Support" vpUSBEmul6064="enabled"
  status="modified" ></biosVfUSBEmulation>
<biosVfUCSMBootOrderRuleControl rn="Boot-Order-Rules" vpUCSMBootOrderRule="Loose"
  status="modified" > </biosVfUCSMBootOrderRuleControl>
<biosVfPCIOptionROMs rn="PCI-OptionROMs" vpPCIOptionROMs="Legacy Only"
  status="modified" ></biosVfPCIOptionROMs>
<biosVfLOMPortOptionROM rn="LOMPort-OptionROM" vpLOMPortsAllState="Enabled"
  vpLOMPort0State="Enabled" vpLOMPort1State="Enabled" status="modified" >
</biosVfLOMPortOptionROM>
<biosVfPCISlotOptionROMEnable rn="PCI-Slot-OptionROM-Enable"
  vpSlot1State="Enabled" vpSlot2State="Enabled" vpSlot3State="Enabled"
  vpSlot4State="Enabled" vpSlot5State="Enabled" vpSlot1LinkSpeed="GEN2"
  vpSlot2LinkSpeed="GEN2" vpSlot3LinkSpeed="GEN2" vpSlot4LinkSpeed="GEN2"
  vpSlot5LinkSpeed="GEN2" status="modified" >
</biosVfPCISlotOptionROMEnable><biosVfPStateCoordType
  rn="p-state-coord" vpPStateCoordType="HW ALL" status="modified" >
</biosVfPStateCoordType><biosVfDramRefreshRate rn="dram-refresh-rate"
  vpDramRefreshRate="Auto" status="modified" >
</biosVfDramRefreshRate>
<biosVfOutOfBandMgmtPort rn="OoB-MgmtPort" vpOutOfBandMgmtPort="Enabled"
  status="modified" >
</biosVfOutOfBandMgmtPort>
</biosSettings>
</outConfig>
</configConfMo>

```

TPM 情報の取得

要求:

```

<configResolveClass cookie='1382189754/215a42c8-e918-1918-8003-dafea0114ca4'
  classId='equipmentTpm' inHierarchical='true'> </configResolveClass>

```

応答:

```

<configResolveClass cookie="1383875054/8504b1f8-eea0-1aa0-8005-140197ebfab0"
  response="yes" classId="equipmentTpm">
<outConfigs>
  <equipmentTpm dn="sys/rack-unit-1/board/tpm" presence="equipped"
    enabledStatus="enabled" activeStatus="activated" ownership="unowned"
    tpmRevision="1" model="UCSX-TPM1-001" vendor="Cisco Systems Inc"
    serial="FCH1526749E" version="A" >
  </equipmentTpm>
</outConfigs>
</configResolveClass>

```

PCI スロット情報の取得

要求:

```

<configResolveClass cookie='1307953743/b63ff130-a593-1593-8004-2e4ac2e14388'
  classId='pciEquipSlot' inHierarchical='true'>
</configResolveClass>

```

応答:

```
<configResolveClass cookie="0987076388/a17ea2c8-81bd-11bd-8003-4c40daf6083c" response="yes"
classId="pciEquipSlot">
<outConfigs>
  <pciEquipSlot controllerReported="L" hostReported="NOTINCP-0" id="L"
macLeft="NOTINCP-00:00:00:00:00:00" macRight="NOTINCP-00:00:00:00:00:00"
model="Intel(R) I350 1 Gbps Network Controller" serial="NOTINCP-"
smbiosId="L" vendor="0x8086" version="0x8000B16-1.997.9"
dn="sys/rack-unit-1/equipped-slot-L">
</pciEquipSlot>
  <pciEquipSlot controllerReported="HBA"
hostReported="NOTINCP-0" id="HBA" macLeft="NOTINCP-00:00:00:00:00:00"
macRight="NOTINCP-00:00:00:00:00:00" model="Cisco 12G SAS Modular Raid
Controller" serial="NOTINCP-" smbiosId="HBA" vendor="0x1000" version="N/A"
dn="sys/rack-unit-1/equipped-slot-HBA">
</pciEquipSlot>
</outConfigs>
</configResolveClass>
```

DIMM ブラックリスト化のステータスの取得

要求:

```
<configResolveClass
cookie="0987076388/a17ea2c8-81bd-11bd-8003-4c40daf6083c"
inHierarchical="false" classId="equipmentIndicatorLed"/>
```

応答:

```
<configResolveClass
cookie="0987076388/a17ea2c8-81bd-11bd-8003-4c40daf6083c" response="yes"
classId="equipmentIndicatorLed">
<outConfigs>
  <equipmentIndicatorLed color="green" id="1" name="LED_PSU_STATUS"
operState="on" dn="sys/rack-unit-1/indicator-led-1">
</equipmentIndicatorLed><equipmentIndicatorLed color="green" id="2"
name="LED_TEMP_STATUS" operState="on" dn="sys/rack-unit-1/indicator-led-2">
</equipmentIndicatorLed><equipmentIndicatorLed color="green" id="3"
name="LED_FAN_STATUS" operState="on" dn="sys/rack-unit-1/indicator-led-3">
</equipmentIndicatorLed><equipmentIndicatorLed color="green" id="4"
name="LED_HLTH_STATUS" operState="on" dn="sys/rack-unit-1/indicator-led-4">
</equipmentIndicatorLed><equipmentIndicatorLed color="blue" id="5"
name="FP_ID_LED" operState="off" dn="sys/rack-unit-1/indicator-led-5">
</equipmentIndicatorLed><equipmentIndicatorLed color="green" id="0"
name="OVERALL_DIMM_STATUS" operState="on"
dn="sys/rack-unit-1/indicator-led-0">
</equipmentIndicatorLed>
</outConfigs>
</configResolveClass>
```

ネットワーク設定の取得

要求:

```
<configResolveClass cookie="1428279919/7887a3d3-1303-1303-8002-4a791e1b0ff4"
inHierarchical="false" classId="mgmtIf"/>
```

応答:

```
<configResolveClass cookie="1428279919/7887a3d3-1303-1303-8002-4a791e1b0ff4"
response="yes" classId="mgmtIf">
<outConfigs>
```

```
<mgmtIf dn="sys/rack-unit-1/mgmt/if-1" description="Management Interface Network Settings"
id="1"
  extEnabled="yes" extIp="10.10.10.10" extMask="255.255.255.0" extGw="10.10.10.10"
  ifType="physical" mac="F4:0F:1B:1E:79:4A" hostname="Unknown" dhcpEnable="no"
  dnsUsingDhcp="no" ddnsEnable="yes" ddnsDomain="" dnsPreferred="72.163.128.140"
  dnsAlternate="171.70.168.183" nicMode="dedicated" vicSlot="flex-lom"
nicRedundancy="none"
  vlanEnable="no" vlanId="1" vlanPriority="0" portProfile="" v6extEnabled="no"
  v6extIp "::" v6extGw "::" v6prefix="64" v6linkLocal "::" v6SlaacIp "::"
  v6dhcpEnable="no" v6dnsUsingDhcp="no" v6dnsPreferred "::"
  v6dnsAlternate "::" subject="blade" autoNeg="disabled" adminNetSpeed="100Mbps"
  adminDuplex="full" operNetSpeed="100Mbps" operDuplex="full"/>
</outConfigs>
</configResolveClass>
```

自動ネゴシエーションの有効化

要求:

```
<configConfMo cookie="1439377526/06f404d9-1d1c-1d1c-8002-a2209f054ef4"
inHierarchical="false">
  <inConfig>
    <mgmtIf dn="sys/rack-unit-1/mgmt/if-1" nicMode="dedicated" autoNeg="enabled"/>>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="" cookie="1439377526/06f404d9-1d1c-1d1c-8002-a2209f054ef4"
response="yes">
  <outConfig>
    <mgmtIf
      dn="sys/rack-unit-1/mgmt/if-1" description="Management Interface Network Settings"
      id="1" extEnabled="yes" extIp="10.10.10.10" extMask="255.255.255.0"
      extGw="10.10.10.10" ifType="physical" mac="F4:4E:05:9F:20:A2"
      hostname="Cxxx-FCH1841V1AZ"
      dhcpEnable="no" dnsUsingDhcp="no" ddnsEnable="yes" ddnsDomain="" dnsPreferred="0.0.0.0"

      dnsAlternate="0.0.0.0" nicMode="dedicated" vicSlot="flex-lom" nicRedundancy="none"
      vlanEnable="no" vlanId="1" vlanPriority="0" portProfile="" v6extEnabled="no"
      v6extIp "::" v6extGw "::" v6prefix="64" v6linkLocal "::" v6SlaacIp "::"
      v6dhcpEnable="no" v6dnsUsingDhcp="no" v6dnsPreferred "::" v6dnsAlternate "::"
      subject="blade" autoNeg="enabled" adminNetSpeed="auto" adminDuplex="auto"
      operNetSpeed="1Gbps" operDuplex="full" status="modified"/>
    </outConfig>
  </configConfMo>
```

自動ネゴシエーションの無効化

要求:

```
<configConfMo cookie="1439377526/06f404d9-1d1c-1d1c-8002-a2209f054ef4"
inHierarchical="false">
  <inConfig>
    <mgmtIf dn="sys/rack-unit-1/mgmt/if-1" nicMode="dedicated" autoNeg="disabled"/>>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="" cookie="1439377526/06f404d9-1d1c-1d1c-8002-a2209f054ef4"
response="yes">
  <outConfig>
```



```

<mgmtIf
  dn="sys/rack-unit-1/mgmt/if-1" description="Management Interface Network Settings"
  id="1" extEnabled="yes" extIp="10.10.10.10" extMask="255.255.255.0"
  extGw="10.10.10.10" ifType="physical" mac="F4:4E:05:9F:20:A2"
hostname="Cxxx-FCH1841V1AZ"
  dhcpEnable="no" dnsUsingDhcp="no" ddnsEnable="yes" ddnsDomain="" dnsPreferred="0.0.0.0"

  dnsAlternate="0.0.0.0" nicMode="dedicated" vicSlot="flex-lom" nicRedundancy="none"
  vlanEnable="no" vlanId="1" vlanPriority="0" portProfile="" v6extEnabled="no"
  v6extIp="::" v6extGw="::" v6prefix="64" v6linkLocal="::" v6SlaacIp="::"
  v6dhcpEnable="no" v6dnsUsingDhcp="no" v6dnsPreferred="::" v6dnsAlternate="::"
  subject="blade" autoNeg="disabled" adminNetSpeed="100Mbps"
  adminDuplex="full" operNetSpeed="100Mbps" operDuplex="full"
  status="modified"/>
</outConfig>
</configConfMo>

```

自動ネゴシエーションの状態が無効な場合のネットワークポートの速度とデュプレックスの設定

要求:

```

<configConfMo cookie="1439377526/06f404d9-1d1c-1d1c-8002-a2209f054ef4"
inHierarchical="false">
  <inConfig>
    <mgmtIf dn="sys/rack-unit-1/mgmt/if-1" nicMode="dedicated" autoNeg="disabled"
      adminNetSpeed="10Mbps" adminDuplex="half"/>
    </inConfig>
  </configConfMo>

```

応答:

```

<configConfMo dn="" cookie="1439377526/06f404d9-1d1c-1d1c-8002-a2209f054ef4"
response="yes">
  <outConfig>
    <mgmtIf
      dn="sys/rack-unit-1/mgmt/if-1" description="Management Interface Network Settings"
      id="1" extEnabled="yes" extIp="10.10.10.10" extMask="255.255.255.0"
      extGw="10.10.10.10" ifType="physical" mac="F4:4E:05:9F:20:A2"
hostname="Cxxx-FCH1841V1AZ"
      dhcpEnable="no" dnsUsingDhcp="no" ddnsEnable="yes" ddnsDomain="" dnsPreferred="0.0.0.0"

      dnsAlternate="0.0.0.0" nicMode="dedicated" vicSlot="flex-lom" nicRedundancy="none"
      vlanEnable="no" vlanId="1" vlanPriority="0" portProfile="" v6extEnabled="no"
      v6extIp="::"
      v6extGw="::" v6prefix="64" v6linkLocal="::" v6SlaacIp="::" v6dhcpEnable="no"
      v6dnsUsingDhcp="no" v6dnsPreferred="::" v6dnsAlternate="::" subject="blade"
      autoNeg="enabled" adminNetSpeed="10Mbps" adminDuplex="half"
      operNetSpeed="10Mbps" operDuplex="half" status="modified"/>
    </outConfig>
  </configConfMo>

```

DDNS を有効にするためのネットワーク設定

要求:

```

<configConfMo cookie='0987076803/ba395308-81bd-11bd-8004-4c40daf6083c'
dn='sys/rack-unit-1/mgmt/if-1'>
  <inConfig>
    <mgmtIf dn='sys/rack-unit-1/mgmt/if-1' ddnsDomain='www.cisco.com'/>
  </inConfig>
</configConfMo>

```

応答：

これにより DDNS が有効になります。

```
<configConfMo dn="sys/rack-unit-1/mgmt/if-1"
cookie="1398652603/2f9bf4c8-f811-1811-8005-79bdaa4c93a4" response="yes">
  <outConfig>
    <mgmtIf dn="sys/rack-unit-1/mgmt/if-1" description="Management Interface
Network Settings" id="1" extEnabled="yes" extIp="10.10.10.10"
extMask="255.255.255.128" extGw="10.10.10.10" ifType="physical"
mac="A4:93:4C:AA:BD:79" hostname="ucs-Cxxx-mx" dhcpEnable="no"
dnsUsingDhcp="no" ddnsEnable="no" ddnsDomain="www.cisco.com"
dnsPreferred="0.0.0.0" dnsAlternate="0.0.0.0" nicMode="shared_lom"
nicRedundancy="active-active" vlanEnable="no" vlanId="1" vlanPriority="0"
portProfile="test" v6extEnabled="no" v6extIp="::"
v6extGw="::"v6prefix="64" v6linkLocal="::" v6dhcpEnable="no"
v6dnsUsingDhcp="no" v6dnsPreferred="::" v6dnsAlternate="::"
subject="blade" status="modified">
    </mgmtIf>
  </outConfig>
</configConfMo>
```

PXE ブート デバイスの作成

要求:

```
<configConfMo cookie='1390349461/f5c79390-f083-1083-8005-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
  <inConfig>
    <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
    <lsbootPxe name='pxe_slot1_port1' slot='1' port='1'
state='Enabled' dn='sys/rack-unit-1/boot-precision/pxe-pxe_slot1_port1'
rn='pxe-pxe_slot1_port1'/>
    </lsbootDevPrecision>
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390349461/f5c79390-f083-1083-8005-93536d0df730" response="yes">
  <outConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
purpose="operational" rebootOnUpdate="no" bootMode="Legacy" status="modified" >
    <lsbootVMedia name="kvm-fdd" type="VMEDIA" subtype="kvm-mapped-dvd" access=
"read-only-local" order="1" state="Enabled" rn="vm-kvm-fdd"
status="modified" >
    </lsbootVMedia>
    <lsbootPxe name="pxe" type="PXE" slot='1' port='1' order="2" state="Enabled"
rn="pxe-pxe" status="modified" >
    </lsbootPxe>
  </lsbootDevPrecision>
  </outConfig>
</configConfMo>
```

PXE ブート デバイスの削除

要求:

```
<configConfMo cookie='1390433433/82e32da8-f097-1097-8005-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
  <inConfig>
```

```

<lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
<lsbootPxe name='PXE9' slot='9' port='' order='3' state='Enabled'
status='deleted' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390433433/82e32da8-f097-1097-8005-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
purpose="operational" rebootOnUpdate="no" bootMode="Legacy" reapply="no"
status="modified" >
<lsbootPxe name="PXE1" type="PXE" slot="9" order="2" state="Enabled" rn="pxe-PXE1"
status="modified">
<lsbootVMedia name="kvm-fdd" type="VMEDIA" subtype="kvm-mapped-dvd" access=
"read-only-local"
order="1" state="Enabled" rn="vm-kvm-fdd" status="modified">
</lsbootPxe>
</lsbootDevPrecision>
</outConfig>
</configConfMo>

```

PXE ブート デバイスの変更

要求:

```

<configConfMo cookie='1390882671/1b905748-f100-1100-8006-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
<lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
<lsbootPxe name='pxe_slot1_port1' slot='2' port='1'
state='Enabled' dn='sys/rack-unit-1/boot-precision/pxe-pxe_slot1_port1'
order='1'
rn='pxe-pxe_slot1_port1' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390882671/1b905748-f100-1100-8006-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
name="boot-precision" purpose="operational" rebootOnUpdate="no"
bootMode="Legacy" reapply="no" status="modified" >
<lsbootVMedia name="kvm-fdd" type="VMEDIA" subtype="kvm-mapped-dvd"
access= "read-only-local" order="1" state="Enabled" rn="vm-kvm-fdd"
status="modified" >
</lsbootVMedia>
<lsbootPxe name="pxe_slot1_port1" type="PXE" slot="1"
port="1" order="1" state="Enabled" rn="pxe-pxe_slot1_port1"
status="modified">
</lsbootPxe>
</lsbootDevPrecision>
</outConfig>
</configConfMo>

```

ISCSI ブート デバイスの作成

要求:

```
<configConfMo cookie='1390443548/ddc28938-f099-1099-8007-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
  <inConfig>
    <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
      status='modified'>
      <lsbootIscsi name='myISCSIfist-device' slot='1' port='1'
        order='4' state='Enabled'
        dn='sys/rack-unit-1/boot-precision/iscsi-myISCSIfist-device'
        rn='iscsi-myISCSIfist-device' />
    </lsbootDevPrecision>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390443548/ddc28938-f099-1099-8007-93536d0df730" response="yes">
  <outConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
      name="boot-precision" purpose="operational" rebootOnUpdate="no"
      bootMode="Legacy" status="modified" >
    <lsbootPxe name="PXE5" type="PXE" slot="9" order="1" state="Disabled"
      rn="pxe-PXE5" status="modified" >
    </lsbootPxe>
    <lsbootPxe name="PXE1" type="PXE" slot="9" order="2" state="Enabled"
      rn="pxe-PXE1" status="modified" >
    </lsbootPxe>
    <lsbootIscsi name="Iscsi" type="ISCSI" order="3" state="Disabled"
      rn="iscsi-Iscsi" status="modified" >
    </lsbootIscsi>
    <lsbootIscsi name="myISCSIfist-device" type="ISCSI" slot="1"
      port="1" order="4" state="Enabled" rn="iscsi-myISCSIfist-device"
      status="modified" >
    </lsbootIscsi>
  </lsbootDevPrecision>
</outConfig>
</configConfMo>
```

ISCSI ブート デバイスの削除

要求:

```
<configConfMo cookie='1390451709/c43d08b0-f09b-109b-800a-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
  <inConfig>
    <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
      status='modified'>
    <lsbootIscsi name='iscsi105' slot='3' port='6' order='1'
      state='Enabled' status='removed' />
    </lsbootDevPrecision>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390451709/c43d08b0-f09b-109b-800a-93536d0df730" response="yes">
  <outConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
      name="boot-precision" purpose="operational" rebootOnUpdate="no"
      status="modified" >
  </lsbootDevPrecision>
</outConfig>
```

```

    bootMode="Legacy" status="modified" >
<lsbootIscsi name="iscsi105" type="ISCSI" slot="3" port="6" order="1"
state="Enabled" rn="iscsi-iscsi105" status="modified">
</lsbootIscsi>
<lsbootIscsi name="iscsi101" type="ISCSI" slot="3"
port="6" order="2" state="Enabled" rn="iscsi-iscsi101"
status="modified">
</lsbootIscsi>
</lsbootDevPrecision>
</outConfig>
</configConfMo>

```

ISCSI ブート デバイスの変更

要求:

```

<configConfMo cookie='1390451709/c43d08b0-f09b-109b-800a-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
  <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
  <lsbootIscsi name='iscsi109' slot='100' port='100' order='1'
state='Disabled'/>
</lsbootDevPrecision>
</inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390451709/c43d08b0-f09b-109b-800a-93536d0df730" response="yes">
<outConfig>
  <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
name="boot-precision" purpose="operational" rebootOnUpdate="no"
bootMode="Legacy" status="modified" >
  <lsbootIscsi name="iscsi106" type="ISCSI" slot="3" port="6" order="1"
state="Enabled" rn="iscsi-iscsi106" status="modified">
</lsbootIscsi>
  <lsbootIscsi name="iscsi105" type="ISCSI" slot="3" port="6" order="2"
state="Enabled" rn="iscsi-iscsi105" status="modified" >
</lsbootIscsi>
  <lsbootIscsi name="iscsi109" type="ISCSI" slot="1" port="9" order="3"
state="Disabled" rn="iscsi-iscsi109" status="modified">
</lsbootIscsi>
  <lsbootIscsi name="iscsi101" type="ISCSI" slot="3" port="6" order="4"
state="Enabled" rn="iscsi-iscsi101" status="modified">
</lsbootIscsi>
</lsbootDevPrecision>
</outConfig>
</configConfMo>

```

SAN ブート デバイスの作成

要求:

```

<configConfMo cookie='1390514059/489111c0-f0aa-10aa-800b-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
  <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
  <lsbootSan name='mysanboot3' slot='100' lun='100'
order='1' state='Enabled' dn='sys/rack-unit-1/boot-precision/san-
mysanboot3'
rn='san-mysanboot3'/>

```

```

    </lsbootDevPrecision>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390514059/489111c0-f0aa-10aa-800b-93536d0df730" response="yes">
  <outConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
      name="boot-precision" purpose="operational" rebootOnUpdate="no"
      bootMode="Legacy" status="modified" >
    <lsbootSan name="mysanboot3" type="SAN" slot="100"
      lun="100" order="1" state="Enabled" rn="san-mysanboot3"
      status="modified">
    </lsbootSan>
    <lsbootSan name="mysanboot" type="SAN" order="2" state="Disabled"
      rn="san-mysanboot" status="modified">
    </lsbootSan>
  </lsbootDevPrecision>
</outConfig>
</configConfMo>

```

SAN ブート デバイスの削除

要求:

```

<configConfMo cookie='1390535353/3dc6e2b0-f0af-10af-8002-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
  <inConfig>
    <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
      status='modified'>
    <lsbootSan name='san16' slot='1' lun='9'
      order='1' state='Enabled' status='removed' />
    </lsbootDevPrecision>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390535353/3dc6e2b0-f0af-10af-8002-93536d0df730" response="yes">
  <outConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
      name="boot-precision" purpose="operational" rebootOnUpdate="no"
      bootMode="Legacy" status="modified" >
    <lsbootPxe name="pxe" type="PXE" slot="1" port="1" order="4"
      state="Enabled" rn="pxe-pxe" status="modified">
    </lsbootPxe>
    <lsbootHdd name="myhdd" type="LOCALHDD" slot="1" lun="3" order="5"
      state="Enabled" rn="hdd-myhdd" status="modified">
    </lsbootHdd>
    <lsbootSan name="san16" type="SAN" slot="1" lun="9" order="1"
      state="Enabled" rn="san-san16" status="modified">
    </lsbootSan>
    <lsbootSan name="san10" type="SAN" slot="1" lun="9" order="2"
      state="Disabled" rn="san-san10" status="modified">
    </lsbootSan>
    <lsbootSan name="san9" type="SAN" slot="1" lun="9" order="3"
      state="Enabled" rn="san-san9" status="modified">
    </lsbootSan>
  </lsbootDevPrecision>
</outConfig>
</configConfMo>

```

SAN ブート デバイスの変更

要求:

```
<configConfMo cookie='1390535353/3dc6e2b0-f0af-10af-8002-93536d0df730'  
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>  
<inConfig>  
  <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'  
    status='modified'>  
  <lsbootSan name='san9' slot='99' lun='99' order='1'  
    state='Disabled' />  
  </lsbootDevPrecision>  
</inConfig>  
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision"  
cookie="1390535353/3dc6e2b0-f0af-10af-8002-93536d0df730" response="yes">  
<outConfig>  
  <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"  
    name="boot-precision" purpose="operational" rebootOnUpdate="no"  
    bootMode="Legacy" status="modified" >  
  <lsbootSan name="san9" type="SAN" slot="1" lun="9"  
    order="1" state="Enabled" rn="san-san9" status="modified" >  
  </lsbootSan>  
  </lsbootDevPrecision>  
</outConfig>  
</configConfMo>
```

ユーザのシステム生成パスワードの取得

要求:

```
<configResolveClass cookie="0000257903/822c9ad3-003c-103c-800a-d06f72ebfab0"  
response="yes" classId="generateRandomPassword">  
<outConfigs>
```

応答:

```
<outConfigs>  
<generateRandomPassword dn="sys/user-ext/generate-random-pwd" password="yS!7_DF7"/>  
</outConfigs>  
</configResolveClass>
```

共通サーバ管理タスクの例（続き）

このセクションの例は、Cisco IMC XML API を使用して共通サーバ管理タスクを実行する方法を示します。各例は、XML API 要求に続いて Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

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- [LOCALHDD ブート デバイスの削除 \(138 ページ\)](#)
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LOCALHDD ブート デバイスの作成

要求:

```
<configConfMo cookie='1390538599/ff40b380-f0af-10af-8003-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
  <inConfig>
    <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision'
      rebootOnUpdate='no' status='modified'>
    <lsbootHdd name='MySecondLocalHDD' slot='99' lun='99' order='1'
      state='Enabled'
      dn='sys/rack-unit-1/boot-precision/hdd-MySecondLocalHDD' rn='hdd-MySecondLocalHDD' />
    </lsbootDevPrecision>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390538599/ff40b380-f0af-10af-8003-93536d0df730" response="yes">
  <outConfig>
    <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
      name="boot-precision" purpose="operational" rebootOnUpdate="no"
      bootMode="Legacy" status="modified" >
    <lsbootHdd name="MySecondLocalHDD" type="LOCALHDD" slot="99"
      lun="99" order="1" state="Disabled" rn="hdd-MySecondLocalHDD"
      status="modified" >
    </lsbootHdd>
    <lsbootHdd name="myhdd" type="LOCALHDD" order="2" state="Disabled"
      rn="hdd-myhdd" status="modified" >
    </lsbootHdd>
  </lsbootDevPrecision>
</outConfig>
</configConfMo>
```

LOCALHDD ブート デバイスの削除

要求:

```
<configConfMo cookie='1390544308/538d3b88-f0b1-10b1-8005-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
  <inConfig>
    <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
      status='modified'>
    <lsbootHdd name='HDD8' order='1' state='Enabled' status='removed' />
    </lsbootDevPrecision>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390544308/538d3b88-f0b1-10b1-8005-93536d0df730" response="yes">
<outConfig>
  <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
    name="boot-precision" purpose="operational" rebootOnUpdate="no"
    bootMode="Legacy" status="modified" >
  <lsbootHdd name="HDD8" type="LOCALHDD" order="1" state="Enabled"
    rn="hdd-HDD8" status="modified" >
  </lsbootHdd><lsbootHdd name="HDD8" type="LOCALHDD" order="2"
    state="Enabled" rn="hdd-HDD6" status="modified" >
  </lsbootHdd>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

LOCALHDD ブート デバイスの変更

要求:

```
<configConfMo cookie='1390544308/538d3b88-f0b1-10b1-8005-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
  <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
    status='modified'>
  <lsbootHdd name='HDD7' order='1' state='Enabled' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390544308/538d3b88-f0b1-10b1-8005-93536d0df730" response="yes">
<outConfig>
  <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
    name="boot-precision" purpose="operational" rebootOnUpdate="no"
    bootMode="Legacy" status="modified" >
  <lsbootHdd name="HDD6" type="LOCALHDD" order="1" state="Enabled"
    rn="hdd-HDD6" status="modified" >
  </lsbootHdd>
  <lsbootHdd name="HDD7" type="LOCALHDD" slot="1" lun="99"
    order="2" state="Disabled" rn="hdd-HDD7" status="modified" >
  </lsbootHdd>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

SDCARD ブート デバイスの作成

要求:

```
<configConfMo cookie='1390548710/59ead228-f0b2-10b2-8008-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
  <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision'
    rebootOnUpdate='no' status='modified'>
  <lsbootSd name='sdcard2' order='1' state='Enabled'
    dn='sys/rack-unit-1/boot-precision/sd-sdcard2' rn='sd-sdcard2' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390548710/59ead228-f0b2-10b2-8008-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
name="boot-precision" purpose="operational" rebootOnUpdate="no"
bootMode="Legacy" status="modified">
<lsbootSd name="sdcard2" type="SDCARD" order="1"
state="Enabled" rn="sd-sdcard1" status="modified" >
</lsbootSd>
<lsbootSd name="mySd" type="SDCARD" order="1" state="Enabled"
rn="sd-mySd" status="modified" >
</lsbootSd>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

SDCARD ブート デバイスの削除

要求:

```
<configConfMo cookie='1390606215/bd813540-f0bf-10bf-800c-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
<lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
<lsbootSd name='sdcard5' order='2' state='Enabled' status='deleted' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390606215/bd813540-f0bf-10bf-800c-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
name="boot-precision" purpose="operational" rebootOnUpdate="no"
bootMode="Legacy" status="modified" >
<lsbootSd name="sdcard" type="SDCARD" order="1" state="Disabled"
rn="sd-sdcard" status="modified" >
</lsbootSd>
<lsbootSd name="sdcard5" type="SDCARD" order="2" state="Enabled"
rn="sd-sdcard5" status="modified" >
</lsbootSd>
</lsbootDevPrecision>
</outConfig>
```

SDCARD ブート デバイスの変更

要求:

```
<configConfMo cookie='1390606215/bd813540-f0bf-10bf-800c-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
<lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
<lsbootSd name='sdcard6' order='1' state='Enabled' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390606215/bd813540-f0bf-10bf-800c-93536d0df730" response="yes">
<outConfig>
  <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
    purpose="operational" rebootOnUpdate="no" bootMode="Legacy" status="modified" >
  <lsbootSd name="sdcard6" type="SDCARD" order="1"
    state="Disabled" rn="sd-sdcard" status="modified" >
  </lsbootSd>
  <lsbootSd name="sdcard6" type="SDCARD" order="2"
    state="Enabled" rn="sd-sdcard6" status="modified" >
  </lsbootSd>
  <lsbootSd name="sdcard6" type="SDCARD" order="3"
    state="Enabled" rn="sd-sdcard5" status="modified" >
  </lsbootSd>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

USB ブート デバイスの作成

要求:

```
<configConfMo cookie='1390608715/5288c220-f0c0-10c0-800d-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
  <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
    status='modified'>
  <lsbootUsb name='firstusb' order='1' state='Enabled'
    subtype='usb-cd' dn='sys/rack-unit-1/boot-precision/usb-firstusb'
    rn='usb firstusb'/>
  </lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390608715/5288c220-f0c0-10c0-800d-93536d0df730" response="yes">
<outConfig>
  <lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
    purpose="operational" rebootOnUpdate="no" bootMode="Legacy" status="modified" >
  <lsbootUsb name="firstusb" type="USB" subtype="usb-hdd" order="1"
    state="Enabled" rn="usb-firstusb" status="modified" >
  </lsbootUsb>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

USB ブート デバイスの削除

要求:

```
<configConfMo cookie='1390610306/b1565da8-f0c0-10c0-800e-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
  <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision'
    rebootOnUpdate='no' status='modified'>
  <lsbootUsb name='usb-hdd' order='1' state='Enabled'
    subtype='usb-hdd' status='removed'/>
  </lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390610306/b1565da8-f0c0-10c0-800e-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
purpose="operational" rebootOnUpdate="no" bootMode="Legacy"
status="modified" >
<lsbootUsb name="usb-hdd" type="USB" subtype="usb-hdd" order="1"
state="Enabled" rn="usb-usb-hdd" status="modified">
</lsbootUsb>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

USB ブート デバイスの変更

要求:

```
<configConfMo cookie='1390793785/698fd000-f0eb-10eb-8010-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
<lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
<lsbootUsb name='usb-usb1' order='2' state='Enabled' subtype='usb-hdd' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390793785/698fd000-f0eb-10eb-8010-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
name="boot-precision" purpose="operational" rebootOnUpdate="no"
bootMode="Legacy" status="modified" >
<lsbootUsb name="usb-usb1" type="USB" subtype="usb-hdd" order="1"
state="Disabled" rn="usb-usb-usb1" status="modified" >
</lsbootUsb>
<lsbootUsb name="usb-hdd1" type="USB" subtype="usb-hdd" order="2"
state="Enabled" rn="usb-usb-hdd1" status="modified" >
</lsbootUsb>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

VMEDIA ブート デバイスの作成

要求:

```
<configConfMo cookie='1390798614/8965d518-f0ec-10ec-8013-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
<lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
<lsbootVMedia name='CIMC-DVD2' order='1' state='Enabled'
access='read-only-remote' subtype='cimc-mapped-dvd'
dn='sys/rack-unit-1/boot-precision/vm-CIMC-DVD2' rn='vm-CIMC-DVD2' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390798614/8965d518-f0ec-10ec-8013-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
name="boot-precision" purpose="operational" rebootOnUpdate="no"
bootMode="Legacy" status="modified">
<lsbootVMedia name="CIMC-DVD2" type="VMEDIA" subtype="cimc-mapped-dvd"
access="read-only-remote" order="1" state="Enabled"
rn="vm-CIMC-DVD1" status="modified">
</lsbootVMedia>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

VMEDIA ブート デバイスの削除

要求:

```
<configConfMo cookie='1390860610/f89cf200-f0fa-10fa-801a-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
<lsbootDevPrecision dn='sys/rack-unit-1/boot-precision'
rebootOnUpdate='no' status='modified'>
<lsbootVMedia name='CIMC-DVD-a-s-d' order='1' state='Enabled'
access='read-only-local' status='removed' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390860610/f89cf200-f0fa-10fa-801a-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision" name="boot-precision"
purpose="operational" rebootOnUpdate="no" bootMode="Legacy" status="modified">
<lsbootVMedia name="CIMC-DVD-a-s-d" type="VMEDIA"
subtype="kvm-mapped-dvd" access="read-only-local"
order="1" state="Enabled" rn="vm-CIMC-DVD-a-s-d" status="modified">
</lsbootVMedia>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

vMEDIA ブート デバイスの変更

要求:

```
<configConfMo cookie='1390860610/f89cf200-f0fa-10fa-801a-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
<inConfig>
<lsbootDevPrecision dn='sys/rack-unit-1/boot-precision' rebootOnUpdate='no'
status='modified'>
<lsbootVMedia name='CIMC-DVD-a-s-d' order='1' state='Disabled'
access='read-only-local' />
</lsbootDevPrecision>
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390860610/f89cf200-f0fa-10fa-801a-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
name="boot-precision" purpose="operational" rebootOnUpdate="no"
bootMode="Legacy" status="modified">
<lsbootVMedia name="CIMC-DVD-a-s-d" type="VMEDIA"
subtype="kvm-mapped-dvd" access="read-only-local" order="1"
state="Enabled" rn="vm-CIMC-DVD-a-s-d" status="modified">
</lsbootVMedia>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

PCI インベントリの詳細の取得

要求:

```
<configResolveClass cookie='1307953743/b63ff130-a593-1593-8004-2e4ac2e14388'
classId='pciEquipSlot' inHierarchical='true'>
```

応答:

```
<configResolveClass cookie="0000058570/a30d32b0-000d-100d-8003-83a538e14388"
response="yes" classId="pciEquipSlot">
<outConfigs>
<pciEquipSlot controllerReported="1" hostReported="0" id="1"
macLeft="CP_REL-00:00:00:00:00:00" macRight="CP_REL-00:00:00:00:00:00"
model="UCS VIC P81E 10 Gbps 2 port CNA" revision="0" serial="CP_REL-"
smbiosId="1" vendor="0x1137" dn="sys/rack-unit-1/equipped-slot-1">
</pciEquipSlot>
<pciEquipSlot controllerReported="5" hostReported="0" id="5"
macLeft="CP_REL-00:00:00:00:00:00" macRight="CP_REL-00:00:00:00:00:00"
model="Qlogic QLE2462 4 Gbps 2 port FC HBA" revision="0"
serial="CP_REL-" smbiosId="5" vendor="0x1077"
dn="sys/rack-unit-1/equipped-slot-5">
</pciEquipSlot>
</outConfigs>
</configResolveClass>
```

Cisco IMC セキュア ブートの有効化

要求:

```
<configConfMo dn='sys/rack-unit-1/mgmt/fw-updatable'
cookie='1382421711/231014e0-e94e-194e-8002-9e56e1a85750' inHierarchical='true'>
<inConfig>
<firmwareUpdatable adminState='trigger' dn='sys/rack-unit-1/mgmt/fw-updatable'
protocol='tftp' remoteServer='10.10.10' remotePath='SL2EP29.bin'
type='blade-controller' secureBoot='enable'/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/mgmt/fw-updatable"
cookie="1382421711/231014e0-e94e-194e-8002-9e56e1a85750" response="yes">
<outConfig>
<firmwareUpdatable dn="sys/rack-unit-1/mgmt/fw-updatable" adminState="triggered"
deployment="backup" operState="updating" version="66.77(67.1380790153)"
protocol="none" remoteServer="" remotePath="" user="" pwd="" progress="0"
type="blade-controller" secureBoot="enabled" status="modified">
</firmwareUpdatable>
```



```
</outConfig>
</configConfMo>
```

Cisco IMC セキュア ブートの無効化

要求:

```
<configConfMo cookie='1382421711/231014e0-e94e-194e-8002-9e56e1a85750'
dn='sys/rack-unit-1/mgmt/fw-updatable' inHierarchical='true'>
  <inConfig>
    <firmwareUpdatable adminState='trigger' dn='sys/rack-unit-1/mgmt/fw-updatable'
      protocol='tftp' remoteServer='10.10.10.10' remotePath='SL2EP29.bin'
      type='blade-controller' secureBoot='disable'/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/mgmt/fw-updatable"
cookie="1382421711/231014e0-e94e-194e-8002-9e56e1a85750" response="yes">
  <outConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/mgmt/fw-updatable"
      adminState="triggered" deployment="backup" operState="updating"
      version="66.77(67.1380790153)" protocol="none" remoteServer=""
      remotePath="" user="" pwd="" progress="0" type="blade-controller"
      secureBoot="disabled" status="modified">
    </firmwareUpdatable>
  </outConfig>
</configConfMo>
```

Windows セキュア ブートの詳細の取得

要求:

```
<configResolveClass classId='lsbootBootSecurity'
cookie='1383937224/feaf3d08-eaae-1aae-800a-dafea0114ca4' inHierarchical='true'>
</configResolveClass>
```

応答:

```
<configResolveClass response="yes" classId="lsbootBootSecurity"
cookie="1383937224/feaf3d08-eaae-1aae-800a-dafea0114ca4">
  <outConfigs>
    <lsbootBootSecurity dn="sys/rack-unit-1/boot-policy/boot-security"
      secureBoot="disabled">
    </lsbootBootSecurity>
  </outConfigs>
</configResolveClass>
```

Windows セキュア ブートの有効化

要求:

```
<configConfMo cookie='1383937224/feaf3d08-eaae-1aae-800a-dafea0114ca4'
inHierarchical='true'>
  <inConfig>
    <lsbootBootSecurity dn='sys/rack-unit-1/boot-policy/boot-security'
      secureBoot='enable'>
    </lsbootBootSecurity>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="" cookie="1383832397/9675eb78-ea96-1a96-8002-dafea0114ca4"
response="yes">
<outConfig>
  <lsbootBootSecurity dn="sys/rack-unit-1/boot-policy/boot-security"
    secureBoot="enabled" status="modified">
  </lsbootBootSecurity>
</outConfig>
</configConfMo>
```

Windows セキュア ブートの無効化

要求:

```
<configConfMo cookie='1383937224/feaf3d08-eaae-1aae-800a-dafea0114ca4'
inHierarchical='true'>
<inConfig>
  <lsbootBootSecurity dn='sys/rack-unit-1/boot-policy/boot-security'
    secureBoot='disable'>
  </lsbootBootSecurity>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="" cookie="1383832397/9675eb78-ea96-1a96-8002-dafea0114ca4"
response="yes">
<outConfig>
  <lsbootBootSecurity dn="sys/rack-unit-1/boot-policy/boot-security"
    secureBoot="disable" status="modified">
  </lsbootBootSecurity>
</outConfig>
</configConfMo>
```

IPv6 プロパティの設定

要求:

```
<configConfMo cookie="1383832397/9675eb78-ea96-1a96-8002-dafea0114ca4"
dn='sys/rack-unit-1/mgmt/if-1' inHierarchical='false'>
<inConfig>
  <mgmtIf v6extEnabled='yes' v6dhcpEnable='no'
    v6extIp='2010:201::97' v6prefix='64' v6extGw='2010:201::1'
    v6dnsPreferred='2010:201::199' dn='sys/rack-unit-1/mgmt/if-1'>
  </mgmtIf>
</inConfig>
</configConfMo>
```

応答:

仮想ドライブの作成

要求:

```
<configConfMo cookie='1392018227/7ffe1220-f208-1208-8005-93536d0df730'
inHierarchical='false' dn='sys/rack-unit-1/board/storage-SAS-SLOT-5/virtual-drive-create'>
<inConfig>
  <storageVirtualDriveCreatorUsingUnusedPhysicalDrive
    dn='sys/rack-unit-1/board/storage-SAS-SLOT-5/virtual-drive-create'
    virtualDriveName='test3' raidLevel='1' size='2000 MB' driveGroup='[8,9]'
    writePolicy='Write Through' adminState='trigger'>
  </storageVirtualDriveCreatorUsingUnusedPhysicalDrive>
</inConfig>
```

```
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-5/virtual-drive-create"
cookie="1392018227/7ffe1220-f208-1208-8005-93536d0df730" response="yes">
  <outConfig>
    <storageVirtualDriveCreatorUsingUnusedPhysicalDrive
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-5/virtual-drive-create"
      description="Create a new virtual drive from unused physical drive(s)
        available in the rack server. Children objects of this object, lists all currently
        available unused physical drives." minRequiredPhysicalDrives="RAID 0 at least 1
        physical drive, RAID 1 at least 2 physical drives, RAID 5 at least 3 physical drives,
        RAID 6 at least 3 physical drives, RAID 10 at least 4 physical drives, RAID 50 or
        RAID
        60 at least 6 physical drives" virtualDriveName="test3" raidLevel="1" size="2000 MB"

      driveGroup="[8.9]" writePolicy="Write Through"
      operStatus="The requested virtual drive      creation is under way.
        Query the storageVirtualDrive class to retrieve details of the
        newly created virtual drive." adminState="triggered"
      status="modified"/>
    </outConfig>
  </configConfMo>
```

仮想ドライブの起動

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2'
inHierarchical='true' cookie='1397033553/38b812a0-f698-1698-80037f9eeabd2200'>
  <inConfig>
    <storageVirtualDrive dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2' id='2'
      adminAction='start-full-initialization'/>
    </inConfig>
  </configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2"
cookie="1392899555/b33b2bf0-f2d5-12d5-8003-0977e1a85750" response="yes">
  <outConfig>
    <storageVirtualDrive id="2" name="testshared" raidLevel="RAID 1"
      size="2000 MB" vdStatus="Cache Degraded" health="Moderate Fault"
      bootDrive="false" stripSize="64 KB" drivesPerSpan="2" spanDepth="1"
      accessPolicy="Read-Write" cachePolicy="Direct"
      readAheadPolicy="Adaptive" requestedWriteCachePolicy="Write
        Back Good BBU" currentWriteCachePolicy="Write Through"
      diskCachePolicy="Unchanged" allowBackgroundInit="true"
      autoSnapshot="false" autoDeleteOldest="true" driveState="Optimal"
      adminAction="no-op" targetId="2"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2" status="modified">
    <storageLocalDiskUsage startingBlock="2048000" numberOfBlocks="4096000"
      virtualDrive="2" physicalDrive="4" state="online" span="0"
      rn="pd-4" status="modified"/>
    <storageLocalDiskUsage startingBlock="2048000" numberOfBlocks="4096000"
      virtualDrive="2" physicalDrive="5" state="online" span="0" rn="pd-5"
      status="modified"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
      currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"
      status="modified"/>
```

```

<faultInst ack="yes" cause="equipment-degraded" code="F1008"
  created="Thu Feb 20 12:34:48 2014" descr="Storage Virtual Drive 2 Degraded:
  please check the storage controller, or reseal the storage drive"
  affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2"
  highestSeverity="critical" id="3523281408" lastTransition="" lc="flapping"
  occur="1" origSeverity="cleared" prevSeverity="cleared"
  rule="fltStorageVirtualDriveDegraded" severity="warning"
  tags="storage" type="server" rn="fault-F1008" status="modified"/>
</storageVirtualDrive>
</outConfig>
</configConfMo>

```

ブートドライブとしての仮想ドライブの設定

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2'
inHierarchical='true' cookie='1397033553/38b812a0-f698-1698-80037f9eeabd2200'>
  <inConfig>
    <storageVirtualDrive dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2' id='2'
      adminAction='set-boot-drive'/>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-1"
cookie="1392922328/0098c088-f2db-12db-8004-0977e1a85750" response="yes">
  <outConfig>
    <storageVirtualDrive id="1" name="test4" raidLevel="RAID 1" size="1000 MB"
      vdStatus="Cache Degraded" health="Moderate Fault" bootDrive="true" stripSize="64
KB"
      drivesPerSpan="2" spanDepth="1" accessPolicy="Read-Write" cachePolicy="Direct"
      readAheadPolicy="Adaptive" requestedWriteCachePolicy="Write Back Good BBU"
      currentWriteCachePolicy="Write Through" diskCachePolicy="Unchanged"
      allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="true"
      driveState="Optimal" adminAction="no-op" targetId="1"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-1" status="modified">
      <storageLocalDiskUsage startingBlock="0" numberOfBlocks="2048000"
        virtualDrive="1" physicalDrive="4" state="online" span="0" rn="pd-4"
        status="modified"/>
      <storageLocalDiskUsage startingBlock="0" numberOfBlocks="2048000" virtualDrive="1"
        physicalDrive="5" state="online" span="0" rn="pd-5" status="modified"/>
      <storageOperation rn="storage-operation" lropInProgress="false"
        currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"
        status="modified"/>
      <faultInst ack="yes" cause="equipment-degraded" code="F1008"
        created="Thu Feb 20 12:02:19 2014" descr="Storage Virtual Drive 1 Degraded:
        please check the storage controller, or reseal the storage drive"
        affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-1"
        highestSeverity="critical" id="3523281152" lastTransition="Thu
        Feb 20 11:59:32 2014" lc="flapping" occur="3" origSeverity="cleared"
        prevSeverity="cleared" rule="fltStorageVirtualDriveDegraded" severity="warning"
        tags="storage" type="server" rn="fault-F1008" status="modified"/>
    </storageVirtualDrive>
  </outConfig>
</configConfMo>

```

仮想ドライブの書き込みキャッシュの変更

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2'
inHierarchical='true' cookie='1397033553/38b812a0-f698-1698-80037f9eeabd2200'>
<inConfig>
  <storageVirtualDrive dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2'
    id='2' requestedWriteCachePolicy='Write Through' />
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-1"
cookie="1392923392/40026120-f2db-12db-8005-0977ela85750" response="yes">
<outConfig>
  <storageVirtualDrive id="1" name="test4" raidLevel="RAID 1" size="1000 MB"
    vdStatus="Optimal" health="Good" bootDrive="true" stripSize="64 KB" drivesPerSpan="2"
    spanDepth="1" accessPolicy="Read-Write" cachePolicy="Direct" readAheadPolicy="Adaptive"
    requestedWriteCachePolicy="Write Through" currentWriteCachePolicy="Write Through"
    diskCachePolicy="Unchanged" allowBackgroundInit="true" autoSnapshot="false"
    autoDeleteOldest="true" driveState="Optimal" adminAction="no-op" targetId="1"
    dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-1" status="modified">
    <storageLocalDiskUsage startingBlock="0" numberOfBlocks="2048000" virtualDrive="1"
    physicalDrive="4" state="online" span="0" rn="pd-4" status="modified"/>
    <storageLocalDiskUsage startingBlock="0" numberOfBlocks="2048000" virtualDrive="1"
    physicalDrive="5" state="online" span="0" rn="pd-5" status="modified"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"
    status="modified"/>
  </storageVirtualDrive>
</outConfig>
</configConfMo>
```

グローバルホットスペアとしての物理ドライブの設定

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8'
inHierarchical='true' cookie='1397033553/38b812a0-f698-1698-80037f9eeabd2200'>
<inConfig>
  <storageLocalDisk dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8'
    id='8' adminAction='make-global-hot-spare' />
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8"
cookie="1397033553/38b812a0-f698-1698-8003-7f9eeabd2200" response="yes">
<outConfig>
  <storageLocalDisk id="8" pdStatus="Global Hot Spare" health="Good"
    predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS" mediaType="HDD"
    coercedSize="139648 MB" vendor="FUJITSU" productId="MBE2147RC" driveFirmware="5701"
    driveSerialNumber="D310PBC01PSC" driveState="hot spare" online="false"
    dedicatedHotSpareForVDId="" adminAction="no-op"
    dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8" status="modified">
  <storageLocalDiskProps rn="general-props" physicalDrive="8"
    pdStatus="Global Hot Spare" health="Good" enclosureDeviceId="40" deviceId="44"
    sequenceNumber="8" mediaErrorCount="0" otherErrorCount="0" predictiveFailureCount="0"
```

```

    linkSpeed="6.0 Gb/s" interfaceType="SAS" mediaType="HDD" blockSize="512"
    blockCount="287277984" bootDrive="false" rawSize="140272 MB" nonCoercedSize="139760
  MB"
    coercedSize="139648 MB" powerState="active" sasAddress0="500000e1191313e2"
    sasAddress1="0x0" status="modified"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0"
    elapsedSeconds="0" status="modified"/>
</storageLocalDisk>
</outConfig>
</configConfMo>

```

専用ホットスペアとしての物理ドライブの設定

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8'
inHierarchical='true' cookie='1397033553/38b812a0-f698-1698-80037f9eeabd2200'>
  <inConfig>
    <storageLocalDisk dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8'
      id='8' dedicatedHotSpareForVDId='1' adminAction='make-dedicated-hot-spare' />
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8"
cookie="1397033553/38b812a0-f698-1698-8003-7f9eeabd2200" response="yes">
  <outConfig>
    <storageLocalDisk id="8" pdStatus="Dedicated Hot Spare" health="Good"
      predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS" mediaType="HDD"

      coercedSize="139648 MB" vendor="FUJITSU" productId="MBE2147RC" driveFirmware="5701"

      driveSerialNumber="D310PBC01PSC" driveState="hot spare" online="false"
      dedicatedHotSpareForVDId="" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8" status="modified">
    <storageLocalDiskProps rn="general-props" physicalDrive="8"
      pdStatus="Dedicated Hot Spare" health="Good" enclosureDeviceId="40"
      deviceId="44" sequenceNumber="12" mediaErrorCount="0" otherErrorCount="0"
      predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
      mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
      rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
      powerState="active" sasAddress0="500000e1191313e2" sasAddress1="0x0"
      status="modified"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
      currentLrop="No operation in progress" progressPercent="0"
      elapsedSeconds="0" status="modified"/>
  </storageLocalDisk>
</outConfig>
</configConfMo>

```

JBOD モードから物理ドライブを未設定かつ良好なものとして設定

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8'
inHierarchical='true' cookie='1397033553/38b812a0-f698-1698-80037f9eeabd2200'>
  <inConfig>
    <storageLocalDisk dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8' id='8'
      adminAction='make-unconfigured-good' />
  </inConfig>
</configConfMo>

```

物理ドライブ用の LED の配置

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8'
inHierarchical='true' cookie='1397033553/38b812a0-f698-1698-80037f9eeabd2200'>
  <inConfig>
    <storageLocalDisk dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8' id='8'
      dedicatedHotSpareForVDId='1' adminAction='locator-led-on' />
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8"
cookie="1392897951/53a283f0-f2d5-12d5-8002-0977ela85750" response="yes">
  <outConfig>
    <storageLocalDisk id="8" pdStatus="Unconfigured Good" health="Good"
      predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS" mediaType="HDD"

      coercedSize="139648 MB" vendor="FUJITSU" productId="MBE2147RC" driveFirmware="5701"

      driveSerialNumber="D310PBC01PSC" driveState="unconfigured good" online="true"
      dedicatedHotSpareForVDId="" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8" status="modified">
    <storageLocalDiskProps rn="general-props" physicalDrive="8"
      pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="40" deviceId="44"
      sequenceNumber="1" mediaErrorCount="0" otherErrorCount="0" predictiveFailureCount="0"

      linkSpeed="6.0 Gb/s" interfaceType="SAS" mediaType="HDD" blockSize="512"
      blockCount="287277984" bootDrive="false" rawSize="140272 MB"
      nonCoercedSize="139760 MB" coercedSize="139648 MB" powerState="active"
      sasAddress0="500000e1191313e2" sasAddress1="0x0" status="modified"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
      currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"
      status="modified"/>
  </storageLocalDisk>
</outConfig>
</configConfMo>
```

ブートドライブとしての物理ドライブの設定

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8'
inHierarchical='true' cookie='1397033553/38b812a0-f698-169880037f9eeabd2200'>
  <inConfig>
    <storageLocalDisk dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-8' id='8'
      dedicatedHotSpareForVDId='1' adminAction='set-boot-drive' />
  </inConfig>
</configConfMo>
```

MegaRAID ストレージ用のサポート対象構成における外部構成のインポート

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4'
inHierarchical='true' cookie='1397214630/61b2d990-f6c2-16c2-80027f9eeabd2200'>
  <inConfig>
    <storageController dn='sys/rack-unit-1/board/storage-SAS-SLOT-4'
      adminAction='import-foreign-config' />
  </inConfig>
</configConfMo>
```

MegaRAID ストレージ用のサポート対象構成における外部構成のクリア

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4'
inHierarchical='true' cookie='1397214630/61b2d990-f6c2-16c2-80027f9eeabd2200'>
  <inConfig>
    <storageController dn='sys/rack-unit-1/board/storage-SAS-SLOT-4'
      adminAction='clear-foreign-config'/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4"
cookie="1392979972/6c729268-f2e8-12e8-8006-0977e1a85750" response="yes">
<outConfig>
  <storageController id="SLOT-4" model="LSI MegaRAID SAS 9266-8i"
pciSlot="SLOT-4" presence="equipped" raidSupport="yes" serial="SV21400468"
type="SAS" vendor="LSI Logic" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-4" status="modified">
  <storageControllerProps rn="controller-props" pciSlot="SLOT-4"
health="Moderate Fault" controllerStatus="Optimal" batteryStatus="no
battery" bbuPresent="false" raidChipTempCentigrade="51"
backendPortCount="8" memorySize="1024 MB" cacheMemorySize="873 MB"
virtualDriveCount="3" degradedVirtualDriveCount="0"
offlineVirtualDriveCount="0" physicalDriveCount="8"
criticalPhysicalDriveCount="0" failedPhysicalDriveCount="0"
memoryCorrectableErrors="0" memoryUncorrectableErrors="0" bootDrive="1"
bootDriveIsPhysicalDrive="false" supportsRaid0="true" supportsRaid1="true"
supportsRaid5="true" supportsRaid6="true" supportsRaid00="true"
supportsRaid10="true" supportsRaid50="true" supportsRaid60="true"
supportsRaidle="false" supportsRaidlerlq0="true"
supportsRaidle0rlq0="true" supportsRaidsrl03="true"
dateOfManufacture="2012-04-01" revision="03A"
prebootCliVersion="05.07-00:#%00011" webBiosVersion="6.1-62-e_62-Rel"
nvdataVersion="2.1304.03-0124" bootBlockVersion="2.05.00.00-0010"
bootVersion="07.26.13.219" nvramPresent="true"
serialDebuggerPresent="true" flashPresent="true"
sasAddress0="5057a8e1770800bf" sasAddress1="0000000000000000"
sasAddress2="0000000000000000" sasAddress3="0000000000000000"
sasAddress4="0000000000000000" sasAddress5="0000000000000000"
sasAddress6="0000000000000000" sasAddress7="0000000000000000"
serial="SV21400468" firmwarePackageBuild="23.12.0-0021" ttyLogStatus="Not
Downloaded" status="modified"/>
  <storageRaidBattery rn="raid-battery" batteryType="No Battery"
health="N/A" batteryStatus="BBU Not Present" batteryPresent="false"
chargingState="no battery" retentionTime="N/A hours" temperature="0
degrees C" temperatureHigh="false" designVoltage="0.000 V" voltage="0.000
V" current="0.000 A" learnMode="Auto" completedChargeCycles="0"
learnCycleStatus="Successful" learnCycleRequested="false"
nextLearnCycle="N/A" designCapacity="0 mAh" fullCapacity="Unknown"
remainingCapacity="Unknown" relativeStateOfCharge="Unknown"
absoluteStateOfCharge="Unknown" expectedMarginOfError="0 %"
manufacturer="" dateOfManufacture="0000-00-00" serialNumber="0"
firmwareVersion="" adminAction="no-op" status="modified"/>
  <storageVirtualDriveCreatorUsingUnusedPhysicalDrive
rn="virtual-drive-create" description="Create a new virtual drive from
unused physical drive(s) available in the rack server. Children objects of
this object, lists all currently available unused physical drives."
minRequiredPhysicalDrives="RAID 0 at least 1 physical drive, RAID 1 at
least 2 physical drives, RAID 5 at least 3 physical drives, RAID 6 at
least 3 physical drives, RAID 10 at least 4 physical drives, RAID 50 or
RAID 60 at least 6 physical drives" virtualDriveName="" raidLevel=""
```



```

    size="" driveGroup="[span1_pd_id1,span1_pd_id2,span1_pd_id3...,span1_pd_idN]
    [span2_pd_id1,span2_pd_id2,span2_pd_id3...,span2_pd_idN]..." writePolicy=""
    createdVirtualDriveDn="" operStatus="" adminState="triggered"
    status="modified">
<storageUnusedLocalDisk id="8" pdStatus="Unconfigured Good"
  coercedSize="139648 MB" health="Good" mediaType="HDD" vendor="FUJITSU"
  rn="pd-8" status="modified"/>
</storageVirtualDriveCreatorUsingUnusedPhysicalDrive>
  <storageVirtualDriveCreatorUsingVirtualDriveGroup
  rn="virtual-drive-carve" description="Create a new virtual drive from an
  existing virtual drive, with available physical drive group space.
  Children objects of this object, lists all virtual drives with available
  drive group space." sharedVirtualDriveId="" virtualDriveName="" size=""
  writePolicy="" createdVirtualDriveDn="" operStatus=""
  adminState="triggered" status="modified">
    <storageVirtualDriveWithDriveGroupSpace id="1" name="test4"
    raidLevel="1" usedPhysicalDriveIds="4,5" maxAvailableSpace="136648 MB"
    rn="vd-1" status="modified"/>
    <storageVirtualDriveWithDriveGroupSpace id="2" name="testshared"
    raidLevel="1" usedPhysicalDriveIds="4,5" maxAvailableSpace="136648 MB"
    rn="vd-2" status="modified"/>
  </storageVirtualDriveCreatorUsingVirtualDriveGroup>
  <storageLocalDisk id="1" pdStatus="Online" health="Good"
  predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
  mediaType="HDD" coercedSize="139648 MB" vendor="FUJITSU"
  productId="MBE2147RC" driveFirmware="5701"
  driveSerialNumber="D310PBC01PDS" driveState="online" online="true"
  dedicatedHotSpareForVDId="" adminAction="no-op" rn="pd-1"
  status="modified">
    <storageLocalDiskProps rn="general-props" physicalDrive="1"
    pdStatus="Online" health="Good" enclosureDeviceId="40" deviceId="36"
    sequenceNumber="2" mediaErrorCount="0" otherErrorCount="0"
    predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
    mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
    rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
    powerState="active" sasAddress0="500000e11912c4e2" sasAddress1="0x0"
    status="modified"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0"
    elapsedSeconds="0" status="modified"/>
  </storageLocalDisk>
  <storageLocalDisk id="2" pdStatus="Online" health="Good"
  predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
  mediaType="HDD" coercedSize="139648 MB" vendor="FUJITSU"
  productId="MBE2147RC" driveFirmware="5701"
  driveSerialNumber="D310PBC01PNJ" driveState="online" online="true"
  dedicatedHotSpareForVDId="" adminAction="no-op" rn="pd-2"
  status="modified">
    <storageLocalDiskProps rn="general-props" physicalDrive="2"
    pdStatus="Online" health="Good" enclosureDeviceId="40" deviceId="37"
    sequenceNumber="2" mediaErrorCount="0" otherErrorCount="0"
    predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
    mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
    rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
    powerState="active" sasAddress0="500000e1191306e2" sasAddress1="0x0"
    status="modified"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0"
    elapsedSeconds="0" status="modified"/>
  </storageLocalDisk>
  <storageLocalDisk id="3" pdStatus="Dedicated Hot Spare"
  health="Good" predictiveFailureCount="0" linkSpeed="6.0 Gb/s"
  interfaceType="SAS" mediaType="HDD" coercedSize="139648 MB"
  vendor="FUJITSU" productId="MBE2147RC" driveFirmware="5701"

```

```

driveSerialNumber="D310PBC01PL1" driveState="hot spare" online="false"
dedicatedHotSpareForVDId="" adminAction="no-op" rn="pd-3"
status="modified">
  <storageLocalDiskProps rn="general-props" physicalDrive="3"
pdStatus="Dedicated Hot Spare" health="Good" enclosureDeviceId="40"
deviceId="38" sequenceNumber="2" mediaErrorCount="0" otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
powerState="active" sasAddress0="500000e11912f0a2" sasAddress1="0x0"
status="modified"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0"
elapsedSeconds="0" status="modified"/>
</storageLocalDisk>
  <storageLocalDisk id="4" pdStatus="Online" health="Good"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
mediaType="HDD" coercedSize="139648 MB" vendor="FUJITSU"
productId="MBE2147RC" driveFirmware="5701"
driveSerialNumber="D310PBC01PR4" driveState="online" online="true"
dedicatedHotSpareForVDId="" adminAction="no-op" rn="pd-4"
status="modified">
  <storageLocalDiskProps rn="general-props" physicalDrive="4"
pdStatus="Online" health="Good" enclosureDeviceId="40" deviceId="39"
sequenceNumber="2" mediaErrorCount="0" otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
powerState="active" sasAddress0="500000e119130c02" sasAddress1="0x0"
status="modified"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0"
elapsedSeconds="0" status="modified"/>
</storageLocalDisk>
  <storageLocalDisk id="5" pdStatus="Online" health="Good"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
mediaType="HDD" coercedSize="139648 MB" vendor="FUJITSU"
productId="MBE2147RC" driveFirmware="5701"
driveSerialNumber="D310PBC01PPW" driveState="online" online="true"
dedicatedHotSpareForVDId="" adminAction="no-op" rn="pd-5"
status="modified">
  <storageLocalDiskProps rn="general-props" physicalDrive="5"
pdStatus="Online" health="Good" enclosureDeviceId="40" deviceId="41"
sequenceNumber="2" mediaErrorCount="0" otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
powerState="active" sasAddress0="500000e119130af2" sasAddress1="0x0"
status="modified"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0"
elapsedSeconds="0" status="modified"/>
</storageLocalDisk>
  <storageLocalDisk id="6" pdStatus="Foreign Configuration"
health="Good" predictiveFailureCount="0" linkSpeed="6.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="139648 MB"
vendor="FUJITSU" productId="MBE2147RC" driveFirmware="5701"
driveSerialNumber="D310PBC01MLC" driveState="unconfigured good"
online="true" dedicatedHotSpareForVDId="" adminAction="no-op" rn="pd-6"
status="modified">
  <storageLocalDiskProps rn="general-props" physicalDrive="6"
pdStatus="Foreign Configuration" health="Good" enclosureDeviceId="40"
deviceId="42" sequenceNumber="1" mediaErrorCount="0" otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"

```

```
mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
powerState="active" sasAddress0="500000e1191153a2" sasAddress1="0x0"
status="modified"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0"
elapsedSeconds="0" status="modified"/>
  <faultInst ack="yes" cause="equipment-degraded" code="F0996"
created="Thu Feb 20 12:02:03 2014" descr="Storage Local disk 6 is
degraded: please check if rebuild or copyback of drive is required"
affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-6"
highestSeverity="critical" id="3506701824" lastTransition="Thu Feb 20
11:59:16 2014" lc="flapping" occur="3" origSeverity="cleared"
prevSeverity="cleared" rule="fltStorageLocalDiskDegraded"
severity="warning" tags="storage" type="server" rn="fault-F0996"
status="modified"/>
</storageLocalDisk>
  <storageLocalDisk id="7" pdStatus="Foreign Configuration"
health="Good" predictiveFailureCount="0" linkSpeed="6.0 Gb/s"
interfaceType="SAS" mediaType="HDD" coercedSize="139648 MB"
vendor="FUJITSU" productId="MBE2147RC" driveFirmware="5701"
driveSerialNumber="D310PBC01PMS" driveState="unconfigured good"
online="true" dedicatedHotSpareForVDId="" adminAction="no-op" rn="pd-7"
status="modified">
  <storageLocalDiskProps rn="general-props" physicalDrive="7"
pdStatus="Foreign Configuration" health="Good" enclosureDeviceId="40"
deviceId="43" sequenceNumber="1" mediaErrorCount="0" otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
powerState="active" sasAddress0="500000e1191302c2" sasAddress1="0x0"
status="modified"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0"
elapsedSeconds="0" status="modified"/>
  <faultInst ack="yes" cause="equipment-degraded" code="F0996"
created="Thu Feb 20 12:02:08 2014" descr="Storage Local disk 7 is
degraded: please check if rebuild or copyback of drive is required"
affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-4/pd-7"
highestSeverity="critical" id="3506702080" lastTransition="Thu Feb 20
11:59:21 2014" lc="flapping" occur="3" origSeverity="cleared"
prevSeverity="cleared" rule="fltStorageLocalDiskDegraded"
severity="warning" tags="storage" type="server" rn="fault-F0996"
status="modified"/>
</storageLocalDisk>
  <storageLocalDisk id="8" pdStatus="Unconfigured Good" health="Good"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
mediaType="HDD" coercedSize="139648 MB" vendor="FUJITSU"
productId="MBE2147RC" driveFirmware="5701"
driveSerialNumber="D310PBC01PSC" driveState="unconfigured good"
online="true" dedicatedHotSpareForVDId="" adminAction="no-op" rn="pd-8"
status="modified">
  <storageLocalDiskProps rn="general-props" physicalDrive="8"
pdStatus="Unconfigured Good" health="Good" enclosureDeviceId="40"
deviceId="44" sequenceNumber="1" mediaErrorCount="0" otherErrorCount="0"
predictiveFailureCount="0" linkSpeed="6.0 Gb/s" interfaceType="SAS"
mediaType="HDD" blockSize="512" blockCount="287277984" bootDrive="false"
rawSize="140272 MB" nonCoercedSize="139760 MB" coercedSize="139648 MB"
powerState="active" sasAddress0="500000e1191313e2" sasAddress1="0x0"
status="modified"/>
  <storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0"
elapsedSeconds="0" status="modified"/>
</storageLocalDisk>
```

```

    <storageVirtualDrive id="0" name="RAID1_12" raidLevel="RAID 1"
    size="139648 MB" vdStatus="Cache Degraded" health="Moderate Fault"
    bootDrive="false" stripSize="64 KB" drivesPerSpan="2" spanDepth="1"
    accessPolicy="Read-Write" cachePolicy="Direct" readAheadPolicy="Adaptive"
    requestedWriteCachePolicy="Write Back Good BBU"
    currentWriteCachePolicy="Write Through" diskCachePolicy="Unchanged"
    allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="true"
    driveState="Optimal" adminAction="no-op" targetId="0" rn="vd-0"
    status="modified">
      <storageLocalDiskUsage startingBlock="0"
    numberOfBlocks="285999104" virtualDrive="0" physicalDrive="1"
    state="online" span="0" rn="pd-1" status="modified"/>
      <storageLocalDiskUsage startingBlock="0"
    numberOfBlocks="285999104" virtualDrive="0" physicalDrive="2"
    state="online" span="0" rn="pd-2" status="modified"/>
      <storageLocalDiskUsage startingBlock="0"
    numberOfBlocks="285999104" virtualDrive="0" physicalDrive="3" state="hot
    spare" span="0" rn="pd-3" status="modified"/>
      <storageOperation rn="storage-operation" lropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0"
    elapsedSeconds="0" status="modified"/>
      <faultInst ack="yes" cause="equipment-degraded" code="F1008"
    created="Thu Feb 20 12:02:17 2014" descr="Storage Virtual Drive 0
    Degraded: please check the storage controller, or reseal the storage
    drive" affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-0"
    highestSeverity="critical" id="3523280896" lastTransition="Thu Feb 20
    11:59:30 2014" lc="flapping" occur="3" origSeverity="cleared"
    prevSeverity="cleared" rule="fltStorageVirtualDriveDegraded"
    severity="warning" tags="storage" type="server" rn="fault-F1008"
    status="modified"/>
    </storageVirtualDrive>
    <storageVirtualDrive id="1" name="test4" raidLevel="RAID 1"
    size="1000 MB" vdStatus="Optimal" health="Good" bootDrive="true"
    stripSize="64 KB" drivesPerSpan="2" spanDepth="1"
    accessPolicy="Read-Write" cachePolicy="Direct" readAheadPolicy="Adaptive"
    requestedWriteCachePolicy="Always Write Back"
    currentWriteCachePolicy="Write Back" diskCachePolicy="Unchanged"
    allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="true"
    driveState="Optimal" adminAction="no-op" targetId="1" rn="vd-1"
    status="modified">
      <storageLocalDiskUsage startingBlock="0" numberOfBlocks="2048000"
    virtualDrive="1" physicalDrive="4" state="online" span="0" rn="pd-4"
    status="modified"/>
      <storageLocalDiskUsage startingBlock="0" numberOfBlocks="2048000"
    virtualDrive="1" physicalDrive="5" state="online" span="0" rn="pd-5"
    status="modified"/>
      <storageOperation rn="storage-operation" lropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0"
    elapsedSeconds="0" status="modified"/>
    </storageVirtualDrive>
    <storageVirtualDrive id="2" name="testshared" raidLevel="RAID 1"
    size="2000 MB" vdStatus="Cache Degraded" health="Moderate Fault"
    bootDrive="false" stripSize="64 KB" drivesPerSpan="2" spanDepth="1"
    accessPolicy="Read-Write" cachePolicy="Direct" readAheadPolicy="Adaptive"
    requestedWriteCachePolicy="Write Back Good BBU"
    currentWriteCachePolicy="Write Through" diskCachePolicy="Unchanged"
    allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="true"
    driveState="Optimal" adminAction="no-op" targetId="2" rn="vd-2"
    status="modified">
      <storageLocalDiskUsage startingBlock="2048000"
    numberOfBlocks="4096000" virtualDrive="2" physicalDrive="4" state="online"
    span="0" rn="pd-4" status="modified"/>
      <storageLocalDiskUsage startingBlock="2048000"
    numberOfBlocks="4096000" virtualDrive="2" physicalDrive="5" state="online"

```

```

span="0" rn="pd-5" status="modified"/>
  <storageOperation rn="storage-operation" dropInProgress="false"
currentDrop="No operation in progress" progressPercent="0"
elapsedSeconds="0" status="modified"/>
  <faultInst ack="yes" cause="equipment-degraded" code="F1008"
created="Thu Feb 20 12:34:48 2014" descr="Storage Virtual Drive 2
Degraded: please check the storage controller, or reseal the storage
drive" affectedDN="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2"
highestSeverity="critical" id="3523281408" lastTransition="" lc="flapping"
occur="1" origSeverity="cleared" prevSeverity="cleared"
rule="fltStorageVirtualDriveDegraded" severity="warning" tags="storage"
type="server" rn="fault-F1008" status="modified"/>
</storageVirtualDrive>
  <firmwareRunning rn="fw-boot-loader" deployment="boot-loader"
type="storage-controller" version="5.42.00_4.14.05.00_0x05280000"
status="modified"/>
  <firmwareRunning rn="fw-system" deployment="system"
type="storage-controller" version="3.240.95-2788" status="modified"/>
  <firmwareBootDefinition rn="fw-boot-def" type="storage-controller"
status="modified">
    <firmwareBootUnit rn="bootunit-combined" adminState="triggered"
image="running" resetOnActivate="no" type="combined"
version="5.42.00_4.14.05.00_0x05280000" status="modified"/>
  </firmwareBootDefinition>
  <storageControllerSettings rn="controller-settings" pciSlot="SLOT-4"
predictiveFailPollInterval="300 sec" rebuildRate="30 %" patrolReadRate="30
%" consistencyCheckRate="30 %" reconstructionRate="30 %"
cacheFlushInterval="4 sec" spinupDriveCount="2" spinupDelay="12 sec"
physDriveCoercionMode="128 MB" clusterEnable="false" batteryWarning="true"
eccBucketLeakRate="1440 min" exposeEnclosureDevices="true"
maintainPdFailHistory="false" enableCopybackOnSmart="false"
enableCopybackToSsdOnSmartError="true" disableNcq="false"
enableJbod="false" spinDownUnconfigured="true" enableSsdPatrolRead="false"
autoEnhancedImport="true" status="modified"/>
</storageController>
</outConfig>
</configConfMo>

```

MegaRAID ストレージ用のサポート対象コントローラにおける JBOD モードの有効化

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4'
inHierarchical='true' cookie='1397214630/61b2d990-f6c2-16c2-8002-7f9eeabd2200'>
  <inConfig>
    <storageController dn='sys/rack-unit-1/board/storage-SAS-SLOT-4'
adminAction='enable-jbod' />
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-5"
cookie="1392988666/72ab0028-f2ea-12ea-8003-bb4ee9bd2200" response="yes">
  <outConfig>
    <storageController id="SLOT-5" model="MegaRAID 9240-8i (RAID
0,1,10,5)" pciSlot="SLOT-5" presence="equipped" raidSupport="yes"
serial="SP23807568" type="SAS" vendor="LSI Logic" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-5" status="modified">
      .
      .
      .
      .
      .

```

```

<storageControllerSettings rn="controller-settings" pciSlot="SLOT-5"
predictiveFailPollInterval="300 sec" rebuildRate="30 %" patrolReadRate="30
%" consistencyCheckRate="30 %" reconstructionRate="30 %"
cacheFlushInterval="4 sec" spinupDriveCount="4" spinupDelay="2 sec"
physDriveCoercionMode="128 MB" clusterEnable="false"
batteryWarning="false" eccBucketLeakRate="1440 min"
exposeEnclosureDevices="true" maintainPdFailHistory="false"
enableCopybackOnSmart="false" enableCopybackToSsdOnSmartError="true"
disableNcq="false" enableJbod="true" spinDownUnconfigured="true"
enableSsdPatrolRead="false" autoEnhancedImport="true" status="modified"/>
</storageController>
</outConfig>
</configConfMo>

```

MegaRAID ストレージ用のサポート対象構成におけるブートドライブのクリア

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4'
inHierarchical='true' cookie='1397214630/61b2d990-f6c2-16c2-8002-7f9eeabd2200'>
<inConfig>
<storageController dn='sys/rack-unit-1/board/storage-SAS-SLOT-4'
adminAction='clear-boot-drive'/>
</inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4"
cookie="1393009392/46069e38-f2ef-12ef-8008-0977e1a85750" response="yes">
<outConfig>
<storageController id="SLOT-4" model="LSI MegaRAID SAS 9266-8i"
pciSlot="SLOT-4" presence="equipped" raidSupport="yes" serial="SV21400468"
type="SAS" vendor="LSI Logic" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-4" status="modified">
<storageControllerProps rn="controller-props" pciSlot="SLOT-4"
health="Moderate Fault" controllerStatus="Optimal" batteryStatus="no
battery" bbuPresent="false" raidChipTempCentigrade="52"
backendPortCount="8" memorySize="1024 MB" cacheMemorySize="873 MB"
virtualDriveCount="2" degradedVirtualDriveCount="0"
offlineVirtualDriveCount="0" physicalDriveCount="8"
criticalPhysicalDriveCount="0" failedPhysicalDriveCount="0"
memoryCorrectableErrors="0" memoryUncorrectableErrors="0" bootDrive="none"
bootDriveIsPhysicalDrive="false" supportsRaid0="true" supportsRaid1="true"
supportsRaid5="true" supportsRaid6="true" supportsRaid00="true"
supportsRaid10="true" supportsRaid50="true" supportsRaid60="true"
supportsRaid1e="false" supportsRaidlerlq0="true"
supportsRaid1e0rlq0="true" supportsRaid50="true" supportsRaid60="true"
dateOfManufacture="2012-04-01" revision="03A"
.
.
.
.
.
<storageControllerSettings rn="controller-settings" pciSlot="SLOT-4"
predictiveFailPollInterval="300 sec" rebuildRate="30 %" patrolReadRate="30
%" consistencyCheckRate="30 %" reconstructionRate="30 %"
cacheFlushInterval="4 sec" spinupDriveCount="2" spinupDelay="12 sec"
physDriveCoercionMode="128 MB" clusterEnable="false" batteryWarning="true"
eccBucketLeakRate="1440 min" exposeEnclosureDevices="true"
maintainPdFailHistory="false" enableCopybackOnSmart="false"
enableCopybackToSsdOnSmartError="true" disableNcq="false"
enableJbod="false" spinDownUnconfigured="true" enableSsdPatrolRead="false"

```

```

    autoEnhancedImport="true" status="modified"/>
  </storageController>
</outConfig>
</configConfMo>

```

RAID バッテリ用のサポート対象構成における自動学習の有効化

要求：

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-2/raid-battery'
inHierarchical='true' cookie='1392964576/d6be88d8-f2e4-12e4-8003-5e47f122c7e4'>
  <inConfig>
    <storageRaidBattery dn='sys/rack-unit-1/board/storage-SAS-SLOT-2/raid-battery'
      adminAction='enable-auto-learn' />
  </inConfig>
</configConfMo>

```

既存の仮想ドライブグループを使用した仮想ドライブの作成

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/virtual-drive-carve'
inHierarchical='false' cookie='1397214630/61b2d990-f6c2-16c2-80027f9eeabd2200'>
  <inConfig>
    <storageVirtualDriveCreatorUsingVirtualDriveGroup
      dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/virtual-drive-carve'
      status='modified' adminState='trigger' writePolicy='Write Through'
      sharedVirtualDriveId='2' size='200 MB' virtualDriveName='test1' />
  </inConfig>
</configConfMo>

```

応答：

```

<configConfMo
dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/virtual-drive-carve"
cookie="1397214630/61b2d990-f6c2-16c2-8002-7f9eeabd2200" response="yes">
  <outConfig>
    <storageVirtualDriveCreatorUsingVirtualDriveGroup
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/virtual-drive-carve"
      description="Create a new virtual drive from an existing virtual drive,
with available physical drive group space. Children objects of this
object, lists all virtual drives with available drive group space."
      sharedVirtualDriveId="2" virtualDriveName="test1" size="200 MB"
      writePolicy="Write Through"
      createdVirtualDriveDn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-3"
      operStatus="The requested virtual drive creation is under way. Query the
storageVirtualDrive class to retrieve details of the newly created virtual
drive." adminState="triggered" status="modified"/>
  </outConfig>
</configConfMo>

```

ストレージ仮想ドライブの作成者の詳細の取得

要求:

```

<configResolveClass cookie='1397214630/61b2d990-f6c2-16c2-8002-7f9eeabd2200'
classId='storageVirtualDriveCreatorUsingVirtualDriveGroup' inHierarchical='true'>
</configResolveClass>

```

応答：

```

<configResolveClass
cookie="1397214630/61b2d990-f6c2-16c2-8002-7f9eeabd2200" response="yes"

```

```

classId="storageVirtualDriveCreatorUsingVirtualDriveGroup">
  <outConfigs>
    <storageVirtualDriveCreatorUsingVirtualDriveGroup
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/virtual-drive-carve"
      description="Create a new virtual drive from an existing virtual drive,
        with available physical drive group space. Children objects of this
        object, lists all virtual drives with available drive group space."
      sharedVirtualDriveId="" virtualDriveName="" size="" writePolicy=""
      createdVirtualDriveDn="" operStatus="" adminState="triggered">
    <storageVirtualDriveWithDriveGroupSpace id="2" name="RAID0_357"
      raidLevel="0" usedPhysicalDriveIds="3,5,7" maxAvailableSpace="417543 MB"
      rn="vd-2"/>
    <storageVirtualDriveWithDriveGroupSpace id="3" name="test1" raidLevel="0"
      usedPhysicalDriveIds="3,5,7" maxAvailableSpace="417543 MB" rn="vd-3"/>
    <storageVirtualDriveWithDriveGroupSpace id="4" name="" raidLevel="0"
      usedPhysicalDriveIds="3,5,7" maxAvailableSpace="417543 MB" rn="vd-4"/>
    </storageVirtualDriveCreatorUsingVirtualDriveGroup>
  </outConfigs>
</configResolveClass>

```

仮想ドライブの再構成においてドライブを追加することによる RAID レベルの変更

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2'
inHierarchical='false' cookie='1394109081/5096bd00-f3ef-13ef-80020977e1a85750'>
  <inConfig>
    <storageVirtualDrive dn='sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2'
      adminAction='reconstruct-virtual-drive' physicalDrivesList='3,4'
      raidLevel='1'/>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2"
cookie="1394402794/b33dfc40-f433-1433-8003-0977e1a85750" response="yes">
  <outConfig>
    <storageVirtualDrive id="2" name="RAID0_6" raidLevel="RAID 0"
      size="500 MB" vdStatus="Cache Degraded" health="Moderate Fault"
      bootDrive="false" stripSize="64 KB" drivesPerSpan="1" spanDepth="1"
      accessPolicy="Read-Write" cachePolicy="Cached I/O" readAheadPolicy="None"
      requestedWriteCachePolicy="Write Back Good BBU"
      currentWriteCachePolicy="Write Through" diskCachePolicy="Unchanged"
      allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="false"
      driveState="Optimal" adminAction="no-op" targetId="2"
      physicalDrivesList="Physical drives to be used for virtual drive
        reconstruction. pd_id1,pd_id2,...pd_idN"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-4/vd-2" status="modified"/>
  </outConfig>
</configConfMo>

```

configureBootMode での Legacy/Uefi、reapply='yes/no'、rebootOnUpdate='yes/no' の設定

要求:

```

<configConfMo cookie='1390349461/f5c79390-f083-1083-8005-93536d0df730'
dn='sys/rack-unit-1/boot-precision' inHierarchical='true'>
  <inConfig>
    <lsbootDevPrecision dn='sys/rack-unit-1/boot-precision'
      rebootOnUpdate='no' configuredBootMode='Legacy' reapply='no'
      status='modified'>
    </lsbootDevPrecision>

```



```
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/boot-precision"
cookie="1390349461/f5c79390-f083-1083-8005-93536d0df730" response="yes">
<outConfig>
<lsbootDevPrecision dn="sys/rack-unit-1/boot-precision"
name="boot-precision" purpose="operational" rebootOnUpdate="no"
confoguredBootMode="Legacy" reapply="no" status="modified" >
<lsbootVMedia name="kvm-fdd" type="VMEDIA" subtype="kvm-mapped-dvd"
access= "read-only-local" order="1" state="Enabled" rn="vm-kvm-fdd"
status="modified" >
</lsbootVMedia>
<lsbootPxe name="pxe_slot1_port1" type="PXE" slot='2' port='1' order="1"
state="Enabled" rn="pxe-pxe_slot1_port1" status="modified" >
</lsbootPxe>
</lsbootDevPrecision>
</outConfig>
</configConfMo>
```

特定の ID に対する SNMP プロパティの設定

要求:

```
<configConfMo cookie='1398652603/2f9bf4c8-f811-1811-8005-79bdaa4c93a4'
inHierarchical='true' dn='sys/svc-ext/snmp-svc/snmp-trap-2'>
<inConfig>
<commSnmpTrap id='2' adminState='enabled' port='900' version='v3'
notificationType='traps' hostname='10.10.10.10' user='test'>
</commSnmpTrap>
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/svc-ext/snmp-svc/snmp-trap-2"
cookie="1398652603/2f9bf4c8-f811-1811-8005-79bdaa4c93a4" response="yes">
<outConfig>
<commSnmpTrap id="2" adminState="enabled" version="v3"
notificationType="traps" port="900" hostname="10.10.10.10" user="test"
dn="sys/svc-ext/snmp-svc/snmp-trap-2" status="modified">
</commSnmpTrap>
</outConfig>
</configConfMo>
```

証明書の詳細の取得

要求:

```
<configResolveClass cookie="1448761796/eb8a8234-25a4-15a4-8002-9a6ae7925a88"
classId="currentCertificate" inHierarchical="false"></configResolveClass>
```

応答：

```
<configResolveClass cookie="1448761796/eb8a8234-25a4-15a4-8002-9a6ae7925a88"
response="yes" classId="currentCertificate">
<outConfigs>
<currentCertificate dn="sys/cert-mgmt/curr-cert" serialNumber="C764DC592E154539"
countryCode="US" state="California" locality="San Jose" organization="cisco"
organizationalUnit="cisco" commonName="cisco" issuerCountryCode="US"
issuerState="California" issuerLocality="San Jose" issuerOrganization="cisco"
```

```

    issuerOrganizationalUnit="cisco" issuerCommonName="cisco"
    validFrom="Nov 20 05:11:22 2015 GMT" validTo="Nov 17 05:11:22 2025 GMT"/>
  </outConfigs>
</configResolveClass>

```

証明書署名要求の生成

要求:

```

<configConfMo cookie='1448761796/eb8a8234-25a4-15a4-8002-9a6ae7925a88'
dn="sys/cert-mgmt/gen-csr-req" inHierarchical="false">
  <inConfig>
    <generateCertificateSigningRequest commonName="cisco" organization="cisco"
      organizationalUnit="cisco" locality="San Jose" state="California" countryCode="United
      States"
      protocol="ftp" remoteServer="10.10.10.10" user="user" pwd="cisco123"
      remoteFile="/tmp/host.csr" dn="sys/cert-mgmt/gen-csr-req"/>
  </inConfig>
</configConfMo>

```

応答:

```

<configResolveClass cookie="1448761796/eb8a8234-25a4-15a4-8002-9a6ae7925a88"
response="yes" classId="currentCertificate">
  <outConfigs>
    <currentCertificate dn="sys/cert-mgmt/curr-cert" serialNumber="C764DC592E154539"
      countryCode="US" state="California" locality="San Jose" organization="cisco"
      organizationalUnit="cisco" commonName="cisco" issuerCountryCode="US"
      issuerState="California" issuerLocality="San Jose" issuerOrganization="cisco"
      issuerOrganizationalUnit="cisco" issuerCommonName="cisco"
      validFrom="Nov 20 05:11:22 2015 GMT" validTo="Nov 17 05:11:22 2025 GMT"/>
  </outConfigs>
</configResolveClass>

```

証明書署名要求のステータスの取得

要求:

```

<configResolveClass cookie="1448761796/eb8a8234-25a4-15a4-8002-9a6ae7925a88"
classId="generateCertificateSigningRequest" inHierarchical="false">
</configResolveClass>

```

応答:

```

<configResolveClass cookie="1448761796/eb8a8234-25a4-15a4-8002-9a6ae7925a88"
response="yes" classId="generateCertificateSigningRequest">
  <outConfigs>
    <generateCertificateSigningRequest dn="sys/cert-mgmt/gen-csr-req"
      commonName="Common Name" organization="Organization" organizationalUnit="Organizational
      Unit" locality="Locality" state="State" countryCode="Country Code" email="Email
      Address"
      selfSigned="no" protocol="none" remoteServer="" remoteFile="" user="" pwd=""
      csrStatus="Completed CSR"/>
  </outConfigs>
</configResolveClass>

```

自己署名証明書の生成

要求:

```
<configConfMo cookie='1448761796/eb8a8234-25a4-15a4-8002-9a6ae7925a88'  
dn="sys/cert-mgmt/gen-csr-req" inHierarchical="false">  
  <inConfig>  
    <generateCertificateSigningRequest commonName="cisco" organization="cisco"  
      organizationalUnit="cisco" locality="Banglore" state="KARNATAKA"  
      countryCode="India" dn="sys/cert-mgmt/gen-csr-req" selfSigned="yes"/>  
  </inConfig>  
</configConfMo>
```

応答:

```
<configConfMocookie="1448761796/eb8a8234-25a4-15a4-8002-9a6ae7925a88" response="yes"  
dn="sys/cert-mgmt/gen-csr-req">  
  <outConfig>  
    <generateCertificateSigningRequest dn="sys/cert-mgmt/gen-csr-req" commonName="Common  
Name"  
      organization="Organization" organizationalUnit="Organizational Unit" locality="Locality"  
  
      state="State" countryCode="Country Code" email="Email Address" selfSigned="no"  
      protocol="none" remoteServer="" remoteFile="" user="" pwd=""  
      csrStatus="Completed CSR" status="modified"/>  
  </outConfig>  
</configConfMo>
```

署名付き証明書のアップロード

要求:

```
<configConfMo cookie='1448762867/b32d6bdd-25a4-15a4-8002-9a6ae7925a88'  
dn="sys/cert-mgmt/upload-cert" inHierarchical="false">  
  <inConfig>  
    <uploadCertificate adminAction="remote-cert-upload" protocol="sftp" user="user"  
      remoteServer="10.10.10.10" remoteFile="/tmp/xmlTest.crt" pwd="cisco123"  
      dn="sys/cert-mgmt/upload-cert"/>  
  </inConfig>  
</configConfMo>
```

応答:

```
<configConfMo dn="sys/cert-mgmt/upload-cert"  
cookie="1448762867/b32d6bdd-25a4-15a4-8002-9a6ae7925a88"  
response="yes">  
  <outConfig>  
    <uploadCertificate dn="sys/cert-mgmt/upload-cert" adminAction="no-op" protocol="none"  
  
      remoteServer="" remoteFile="" user="" pwd="" certificateContent="Certificate Content"  
  
      status="modified"/>  
  </outConfig>  
</configConfMo>
```

既存の仮想ドライブグループでのセキュリティの有効化

要求:

```
<configConfMo cookie="1443751990/88100a71-2116-1116-8060-deabcdf9eca0"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/virtual-drive-create"
inHierarchical="false">
<inConfig>
<storageVirtualDriveCreatorUsingUnusedPhysicalDrive
  adminAction="enable-self-encrypt" virtualDriveName="1" raidLevel="1" size="600MB"
  driveGroup="[4,3]" writePolicy="write-through" adminState="trigger"/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo cookie="1443751990/88100a71-2116-1116-8060-deabcdf9eca0"
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/virtual-drive-create"
inHierarchical="false">
<outConfigs>
<storageVirtualDrive id="0" name="1" raidLevel="RAID 1" size="600 MB"
vdStatus="Optimal" health="Good" bootDrive="false" stripSize="64k"
drivesPerSpan="2" spanDepth="1" accessPolicy="read-write" cachePolicy="direct-io"
readPolicy="no-read-ahead" requestedWriteCachePolicy="write-through"
currentWriteCachePolicy="write-through" diskCachePolicy="unchanged"
allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="true"
driveState="Optimal" fdeCapable="yes" fdeEnabled="no" adminAction="no-op" targetId="0"

physicalDrivesList="Physical drives to be used for virtual drive reconstruction.
pd_id1,pd_id2,...pd_idN" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0"/>
</outConfigs>
</configConfMo>
```

LDAP CA 証明書のバインドの有効化

要求:

```
<configConfMo cookie='1457742601/2dd5f334-2dcf-1dcf-8005-515545067ff0'
dn='sys/ldap-ext/ldap-ca-cert-mgmt'>
<inConfig>
<ldapCACertificateManagement dn='sys/ldap-ext/ldap-ca-cert-mgmt'
  bindingCertificate='enabled'/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/ldap-ext/ldap-ca-cert-mgmt"
cookie="1470032930/13a3ed5e-38fd-18fd-800f-ad7c7d74a254" response="yes">
<outConfig>
<ldapCACertificateManagement dn="sys/ldap-ext/ldap-ca-cert-mgmt"
  description="LDAP CA Certificate Management"
  bindingCertificate="enabled" status="modified">
</ldapCACertificateManagement>
</outConfig>
</configConfMo>
```

CA 証明書のバインドの無効化

要求:

```
<configConfMo cookie='1457742601/2dd5f334-2dcf-1dcf-8005-515545067ff0'
```

```
dn='sys/ldap-ext/ldap-ca-cert-mgmt'>
<inConfig>
  <ldapCACertificateManagement
    dn='sys/ldap-ext/ldap-ca-cert-mgmt' bindingCertificate='disabled'/>
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/ldap-ext/ldap-ca-cert-mgmt"
cookie="1470032930/13a3ed5e-38fd-18fd-800f-ad7c7d74a254" response="yes">
<outConfig>
  <ldapCACertificateManagement dn="sys/ldap-ext/ldap-ca-cert-mgmt"
    description="LDAP CA Certificate Management"
    bindingCertificate="disabled" status="modified" >
  </ldapCACertificateManagement>
</outConfig>
</configConfMo>
```

TFTP プロトコルを使用した LDAP CA 証明書のダウンロード

要求：

```
<configConfMo cookie='1470032930/13a3ed5e-38fd-18fd-800f-ad7c7d74a254'
dn='sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert-download' inHierarchical='false'>
<inConfig>
  <downloadLdapCACertificate protocol='tftp'
    remoteServer='10.10.10.10' remoteFile='new_com_chain.cer'
dn='sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert-download' />
  </inConfig>
</configConfMo>
```

前述の例で使用した TFTP はデフォルトプロトコルです。FTP、SFTP、SCP および HTTP などの他の使用可能なプロトコルを使用して LDAPCA 証明書をダウンロードすることもできます。

応答：

```
<configConfMo dn="sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert-download"
cookie="1470032930/13a3ed5e-38fd-18fd-800f-ad7c7d74a254" response="yes">
<outConfig>
  <downloadLdapCACertificate dn="sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert-download"
    protocol="none" remoteServer="" remoteFile="" user="" pwd=""
downloadStatus="COMPLETED" downloadProgress="100%" status="modified" >
  </downloadLdapCACertificate>
</outConfig>
</configConfMo>
```

LDAP バインディングのテスト

要求:

```
<configConfMo cookie='1470032930/13a3ed5e-38fd-18fd-800f-ad7c7d74a254'
dn='sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert' inHierarchical='false'>
<inConfig>
  <ldapCACertificate adminAction='test-ldap-binding' user='user' pwd='Test123'
    dn='sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert' />
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert"
cookie="1470032930/13a3ed5e-38fd-18fd-800f-ad7c7d74a254" response="yes">
  <outConfig>
    <ldapCACertificate dn="sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert"
      adminAction="" user="" pwd="" status="modified" >
    </ldapCACertificate>
  </outConfig>
</configConfMo>
```

LDAP CA 証明書のエクスポート

要求:

```
<configConfMo cookie='1463635956/27a0d4af-332c-132c-8004-9206a0395bfc'
dn='sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert-export' inHierarchical='false'>
  <inConfig>
    <exportLdapCACertificate protocol='tftp' remoteServer='10.10.10.10'
      remoteFile='fasfsaf.csr'
      dn='sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert-export' />
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert-export"
cookie="1470032930/13a3ed5e-38fd-18fd-800f-ad7c7d74a254" response="yes">
  <outConfig>
    <exportLdapCACertificate dn="sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert-export"
      protocol="none" remoteServer="" remoteFile="" user="" pwd=""
      exportStatus="COMPLETED" exportProgress="100%" status="modified" >
    </exportLdapCACertificate>
  </outConfig>
</configConfMo>
```

LDAP CA 証明書の削除

要求:

```
<configConfMo cookie='1457746251/9ec8b64d-2dd0-1dd0-8008-515545067ff0'
dn='sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert' inHierarchical='false'>
  <inConfig>
    <ldapCACertificate adminAction='delete-ca-certificate'
      dn='sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert' />
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert"
cookie="1470032930/13a3ed5e-38fd-18fd-800f-ad7c7d74a254" response="yes">
  <outConfig>
    <ldapCACertificate dn="sys/ldap-ext/ldap-ca-cert-mgmt/ldap-ca-cert"
      adminAction="" user="" pwd="" status="modified" >
    </ldapCACertificate>
  </outConfig>
</configConfMo>
```

PID カタログのアップロード

要求:

```
<configConfMo cookie="1469999952/1c3dc79a-38f5-18f5-8005-9206a0395bfc"
dn="sys/rack-unit-1/board/pid/upload-catalog" inHierarchical="false">
  <inConfig>
    <uploadPIDCatalog protocol="tftp"
      remoteServer="10.10.10" remoteFile="latestpid.tar.gz"
      dn="sys/rack-unit-1/board/pid/upload-catalog"/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pid/upload-catalog"
cookie="1469999952/1c3dc79a-38f5-18f5-8005-9206a0395bfc" response="yes">
  <outConfig>
    <uploadPIDCatalog dn="sys/rack-unit-1/board/pid/upload-catalog" protocol="none"
      remoteServer="" remoteFile="" user="" pwd=""
      pidUploadStatus="Upload Successful" status="modified" >
    </uploadPIDCatalog>
  </outConfig>
</configConfMo>
```

PID カタログの有効化

要求:

```
<configConfMo cookie="1470039855/432ebd0e-38ff-18ff-8004-d5362a2fa074"
dn="sys/rack-unit-1/board/pid/activate-catalog" inHierarchical="false">
  <inConfig>
    <activatePIDCatalog adminState="trigger"
      dn="sys/rack-unit-1/board/pid/activate-catalog"/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pid/activate-catalog"
cookie="1470039855/432ebd0e-38ff-18ff-8004-d5362a2fa074" response="yes">
  <outConfig>
    <activatePIDCatalog dn="sys/rack-unit-1/board/pid/activate-catalog"
      adminState="triggered" pidActivationStatus="Activation Successful"
      status="modified" >
    </activatePIDCatalog>
  </outConfig>
```

PID カタログの表示

要求:

```
<configResolveClass cookie="1473213767/1591338e-3be2-1be2-8002-ac988322e470"
inHierarchical="false" classId="pidCatalog"/>
```

応答:

```
<configResolveClass cookie="1473213767/1591338e-3be2-1be2-8002-ac988322e470"
```

```

response="yes" classId="pidCatalog">
  <outConfigs>
  <pidCatalog dn="sys/rack-unit-1/board/pid" name="Cisco Product Identifiers (PID)"
    version=2.0(13a)09>
  </pidCatalog>
  </outConfigs>
</configResolveClass>

```

CPU の PID カタログの取得

要求:

```

<configResolveClass cookie='1282522267/f91bd068-8e72-1e72-8002-7e573e8f835c'
inHierarchical='false' classId='pidCatalogCpu' />

```

応答:

```

<configResolveClass cookie="1470739643/d6acc6cc-a139-19a1-8002-5a45145daae4"
response="yes" classId="pidCatalogCpu">
  <outConfigs>
  <pidCatalogCpu id="1" socketdesignation="CPU1" description="Intel(R)
    Xeon(R) CPU E5-2620 v4 @ 2.10GHz/85W 8C/20MB Cache/DDR4 2133MHz"
    pid="UCS-CPU-E52620E" model="Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz"
    signature="Type 0, Family 6, Model 79, Stepping 1" currentspeed="2100"
    operState="Enabled" dn="sys/chassis-1/server-1/board/pid/pid-cpu-1" >
  </pidCatalogCpu>
  <pidCatalogCpu id="2" socketdesignation="CPU2" description="Intel(R)
    Xeon(R) CPU E5-2620 v4 @ 2.10GHz/85W 8C/20MB Cache/DDR4 2133MHz"
    pid="UCS-CPU-E52620E" model="Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz"
    signature="Type 0, Family 6, Model 79, Stepping 1" currentspeed="2100"
    operState="Enabled" dn="sys/chassis-1/server-1/board/pid/pid-cpu-2" >
  </pidCatalogCpu>
  <pidCatalogCpu id="1" socketdesignation="CPU1" description="Intel(R)
    Xeon(R) CPU E5-2695 v4 @ 2.10GHz/120W 18C/45MB Cache/DDR4 2400MHz"
    pid="UCS-CPU-E52695E" model="Intel(R) Xeon(R) CPU E5-2695 v4 @ 2.10GHz"
    signature="Type 0, Family 6, Model 79, Stepping 1" currentspeed="2100"
    operState="Enabled" dn="sys/chassis-1/server-2/board/pid/pid-cpu-1" >
  </pidCatalogCpu>
  <pidCatalogCpu id="2" socketdesignation="CPU2" description="Intel(R)
    Xeon(R) CPU E5-2695 v4 @ 2.10GHz/120W 18C/45MB Cache/DDR4 2400MHz"
    pid="UCS-CPU-E52695E" model="Intel(R) Xeon(R) CPU E5-2695 v4 @ 2.10GHz"
    signature="Type 0, Family 6, Model 79, Stepping 1" currentspeed="2100"
    operState="Enabled" dn="sys/chassis-1/server-2/board/pid/pid-cpu-2" >
  </pidCatalogCpu>
  </outConfigs>
</configResolveClass>

```

DIMM の PID カタログの取得

要求:

```

<configResolveClass cookie='1282522267/f91bd068-8e72-1e72-8002-7e573e8f835c'
inHierarchical='false' classId='pidCatalogDimm' />

```

応答:

```

<configResolveClass cookie="1470739643/d6acc6cc-a139-19a1-8002-5a45145daae4"
response="yes" classId="pidCatalogDimm">
  <outConfigs>

```



```

<pidCatalogDimm name="DIMM_G1"
description="32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v"
pid="UCS-MR-1X322RV-A" mfgid="0xCE00" manufacturer="Samsung"
serialnumber="02EB33FD" model="Mx93A4K40BB1-CRC" capacity="32768 MB"
speed="2400" datawidth="64 bits" operability="Operable"
dn="sys/chassis-1/server-2/board/pid/pid-dimm-DIMM_G1">
</pidCatalogDimm>
.
.
.
<pidCatalogDimm name="DIMM_G2"
description="32GB DDR4-2400-MHz RDIMM/PC4-19200/dual rank/x4/1.2v"
pid="UCS-MR-1X322RV-A" mfgid="0xCE00" manufacturer="Samsung"
serialnumber="02EB3481" model="Mx93A4K40BB1-CRC" capacity="32768 MB"
speed="2400" datawidth="64 bits" operability="Operable"
dn="sys/chassis-1/server-2/board/pid/pid-dimm-DIMM_G2">
</pidCatalogDimm>
</outConfigs>
</configResolveClass>

```

HDD の PID カタログの取得

要求:

```

<configResolveClass cookie='1282522267/f91bd068-8e72-1e72-8002-7e573e8f835c'
inHierarchical='false' classId='pidCatalogHdd'/>

```

応答:

```

<configResolveClass cookie="1470739643/d6acc6cc-a139-19a1-8002-5a45145daae4"
response="yes" classId="pidCatalogHdd">
<outConfigs>
<pidCatalogHdd disk="8" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
pid="UCSC-Cxxx-HD4TB" vendor="WD" model="WD4001FYYG-01SL3"
serialnumber="WMC1F1927555" dn="sys/chassis-1/server-1/board/pid/pid-hdd-8">
</pidCatalogHdd>
<pidCatalogHdd disk="9" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
pid="UCSC-Cxxx-HD4TB" vendor="WD" model="WD4001FYYG-01SL3"
serialnumber="WMC1F1930050" dn="sys/chassis-1/server-1/board/pid/pid-hdd-9" >
</pidCatalogHdd>
<pidCatalogHdd disk="6" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
pid="UCSC-Cxxx-HD4TB" vendor="WD" model="WD4001FYYG-01SL3"
serialnumber="WMC1F1927672" dn="sys/chassis-1/server-2/board/pid/pid-hdd-6" >
</pidCatalogHdd>
<pidCatalogHdd disk="7" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
pid="UCSC-Cxxx-HD4TB" vendor="WD" model="WD4001FYYG-01SL3" \
serialnumber="WMC1F1928331" dn="sys/chassis-1/server-2/board/pid/pid-hdd-7" >
</pidCatalogHdd>
<pidCatalogHdd disk="10" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
pid="UCSC-Cxxx-HD4TB" vendor="WD" model="WD4001FYYG-01SL3"
serialnumber="WMC1F1928305" dn="sys/chassis-1/server-2/board/pid/pid-hdd-10" >
</pidCatalogHdd>
<pidCatalogHdd disk="11" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
pid="UCSC-Cxxx-HD4TB" vendor="TOSHIBA" model="MG03SCA400"
serialnumber="14P0A0E8FVU4" dn="sys/chassis-1/server-2/board/pid/pid-hdd-11" >
</pidCatalogHdd>
<pidCatalogHdd disk="12" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
pid="UCSC-Cxxx-HD4TB" vendor="TOSHIBA" model="MG03SCA400"
serialnumber="14P0A069FVU4" dn="sys/chassis-1/server-2/board/pid/pid-hdd-12" >
</pidCatalogHdd>

```

```

<pidCatalogHdd disk="13" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
  pid="UCSC-Cxxx-HD4TB" vendor="TOSHIBA" model="MG03SCA400"
  serialnumber="14P0A07BFVU4" dn="sys/chassis-1/server-2/board/pid/pid-hdd-13" >
</pidCatalogHdd>
<pidCatalogHdd disk="14" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
  pid="UCSC-Cxxx-HD4TB" vendor="TOSHIBA" model="MG03SCA400"
  serialnumber="1400A06EFVU4" dn="sys/chassis-1/server-2/board/pid/pid-hdd-14">
</pidCatalogHdd>
<pidCatalogHdd disk="28" controller="SBMezz1" description="4TB 6Gb SAS 7.2K RPM 3.5"
  pid="UCSC-Cxxx-HD4TB" vendor="TOSHIBA" model="MG03SCA400"
  serialnumber="1400A08MFVU4" dn="sys/chassis-1/server-2/board/pid/pid-hdd-28" >
</pidCatalogHdd>
</outConfigs>
</configResolveClass>

```

PCI アダプタの PID カタログの取得

要求:

```

<configResolveClass cookie='1282522267/f91bd068-8e72-1e72-8002-7e573e8f835c'
inHierarchical='false' classId='pidCatalogPCIAdapter' />

```

応答:

```

<configResolveClass cookie="1470739643/d6acc6cc-a139-19a1-8002-5a45145daae4"
  response="yes" classId="pidCatalogPCIAdapter">
  <outConfigs>
    <pidCatalogPCIAdapter slot="SBNVMe1"
      description="800GB 2.5in NVMe based PCIe SSD drive"
      pid="UCSC-Cxxx-NV8" vendor="0x1c58" device="0x0003"
      subvendor="0x1137" subdevice="0x019e"
      dn="sys/chassis-1/server-1/board/pid/pid-pciadapter-SBNVMe1" >
    </pidCatalogPCIAdapter>
    <pidCatalogPCIAdapter slot="SIOC1" description="Cisco UCS 40Gb Ethernet"
      pid="UCSC-Cxxx-SIOC" vendor="0x1137" device="0x0042"
      subvendor="0x1137" subdevice="0x0157"
      dn="sys/chassis-1/server-1/board/pid/pid-pciadapter-SIOC1" >
    </pidCatalogPCIAdapter>
    <pidCatalogPCIAdapter slot="SBMezz1"
      description="Cisco UCS C3000 RAID controller for Mx Server Blade with 4G RAID Cache"

      pid="UCS-Cxxx-MxRAID" vendor="0x1000" device="0x00ce"
      subvendor="0x1137" subdevice="0x0197"
      dn="sys/chassis-1/server-1/board/pid/pid-pciadapter-SBMezz1" >
    </pidCatalogPCIAdapter>
    <pidCatalogPCIAdapter slot="SBMezz1"
      description="Cisco UCS C3000 RAID controller for Mx Server Blade with 4G RAID Cache"

      pid="UCSC-Cxxx-MxRAID" vendor="0x1000"
      device="0x00ce" subvendor="0x1137" subdevice="0x0197"
      dn="sys/chassis-1/server-2/board/pid/pid-pciadapter-SBMezz1" >
    </pidCatalogPCIAdapter>
  </outConfigs>
</configResolveClass>

```

プラットフォーム イベント フィルタの取得

要求:

```
<configResolveClass cookie='1393260215/ac3bb348-f329-1329-800a-0977e1a85750'
classId='platformEventFilters' inHierarchical='true'>
</configResolveClass>
```

応答:

```
<configResolveClass cookie="1400973402/97c009e9-fa2d-1a2d-8004-bcbec261b284"
response="yes"
classId="platformEventFilters">
<outConfigs>
  <platformEventFilters id="1" event="Temperature Critical Assert Filter" action="none"
    dn="sys/rack-unit-1/event-management/pef-1"/>
  <platformEventFilters id="2" event="Voltage Critical Assert Filter" action="none"
    dn="sys/rack-unit-1/event-management/pef-2"/>
  <platformEventFilters id="3" event="Current Critical Assert Filter" action="none"
    dn="sys/rack-unit-1/event-management/pef-3"/>
  <platformEventFilters id="4" event="Fan Critical Assert Filter" action="none"
    dn="sys/rack-unit-1/event-management/pef-4"/>
  <platformEventFilters id="5" event="Processor Assert Filter" action="none"
    dn="sys/rack-unit-1/event-management/pef-5"/>
  <platformEventFilters id="6" event="Power Supply Critical Assert Filter" action="none"
    dn="sys/rack-unit-1/event-management/pef-6"/>
  <platformEventFilters id="7" event="Memory Critical Assert Filter" action="none"
    dn="sys/rack-unit-1/event-management/pef-7"/>
</outConfigs>
</configResolveClass>
```

プラットフォーム イベント フィルタの有効化

要求:

```
<configConfMo dn='sys/rack-unit-1/event-management/pef-1 inHierarchical='false'
cookie='1394402794/b33dfc40-f433-1433-8003-0977e1a85750'>
<inConfig>
  <eventManagement
    dn='sys/rack-unit-1/event-management/pef-1' adminState='enabled' />
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/event-management"
cookie="1400975065/29082126-fa2e-1a2e-8005-bcbec261b284" response="yes">
  <outConfig>
    <eventManagement dn="sys/rack-unit-1/event-management" adminState="enabled"
      adminAction="no-op" status="modified"/>
  </outConfig>
</configConfMo>
```

プラットフォーム イベント フィルタの無効化

要求:

```
<configConfMo dn='sys/rack-unit-1/event-management/pef-1
inHierarchical='false'
cookie='1394402794/b33dfc40-f433-1433-8003-0977e1a85750'>
<inConfig>
```

```
<eventManagement dn='sys/rack-unit-1/event-management/pef-1'
adminState='disabled'/>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/event-management"
cookie="1400975065/29082126-fa2e-1a2e-8005-bcbec261b284" response="yes">
  <outConfig>
    <eventManagement dn="sys/rack-unit-1/event-management"
      adminState="disabled" adminAction="no-op" status="modified"/>
  </outConfig>
</configConfMo>
```

プラットフォーム イベント フィルタの設定およびプラットフォーム イベント フィルタの有効化または無効化

要求:

```
<configConfMo cookie="1453104667/05fda47a-2998-1998-8002-1a4c5a74a254"
dn="sys/rack-unit-1/event-management" inHierarchical="true">
  <inConfig>
    <eventManagement adminState="enabled" dn="sys/rack-unit-1/event-management">
      <platformEventFilters dn="sys/rack-unit-1/event-management/pef-1" rn="pef-1"
        id="1" action="none"/>
      <platformEventFilters dn="sys/rack-unit-1/event-management/pef-2" action="none"/>
      <platformEventFilters dn="sys/rack-unit-1/event-management/pef-7"
        rn="pef-7" action="reboot"/>
    </eventManagement>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/event-management"
cookie="1453108513/a2eb91d8-2998-1998-8003-1a4c5a74a254" response="yes">
  <outConfig>
    <eventManagement dn="sys/rack-unit-1/event-management" adminState="enabled"
      adminAction="no-op" status="modified">
      <platformEventFilters id="1" event="Temperature Critical Assert Filter"
        action="none" rn="pef-1" status="modified"/>
      <platformEventFilters id="2" event="Voltage Critical Assert Filter"
        action="none" rn="pef-2" status="modified"/>
      <platformEventFilters id="3" event="Current Critical Assert Filter"
        action="none" rn="pef-3" status="modified"/>
      <platformEventFilters id="4" event="Fan Critical Assert Filter" action="none"
        rn="pef-4" status="modified"/>
      <platformEventFilters id="5" event="Processor Assert Filter" action="none"
        rn="pef-5" status="modified"/>
      <platformEventFilters id="6" event="Power Supply Critical Assert Filter"
        action="none" rn="pef-6" status="modified"/>
      <platformEventFilters id="7" event="Memory Critical Assert Filter"
        action="reboot" rn="pef-7" status="modified"/>
    </eventManagement>
  </outConfig>
</configConfMo>
```

プラットフォーム イベント フィルタのリセット

要求:

```
<configConfMo dn='sys/rack-unit-1/event-management/pef-1
inHierarchical='false' cookie='1394402794/b33dfc40-f433-1433-8003-0977e1a85750'>
<inConfig>
<eventManagement adminAction="reset-event-filters"
dn='sys/rack-unit-1/event-management/pef-1'/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/event-management"
cookie="1453108513/a2eb91d8-2998-1998-8003-1a4c5a74a254" response="yes">
<outConfig>
<eventManagement dn="sys/rack-unit-1/event-management" adminState="enabled"
adminAction="no-op" status="modified">
<platformEventFilters id="1" event="Temperature Critical Assert Filter"
action="none" rn="pef-1" status="modified"/>
<platformEventFilters id="2" event="Voltage Critical Assert Filter"
action="none" rn="pef-2" status="modified"/>
<platformEventFilters id="3" event="Current Critical Assert Filter"
action="none" rn="pef-3" status="modified"/>
<platformEventFilters id="4" event="Fan Critical Assert Filter"
action="none" rn="pef-4" status="modified"/>
<platformEventFilters id="5" event="Processor Assert Filter" action="none"
rn="pef-5" status="modified"/>
<platformEventFilters id="6" event="Power Supply Critical Assert Filter"
action="none" rn="pef-6" status="modified"/>
<platformEventFilters id="7" event="Memory Critical Assert Filter" action="none"
rn="pef-7" status="modified"/>
</eventManagement>
</outConfig>
</configConfMo>
```

SAS エクスパンダ ファームウェアの更新

要求:

```
<configConfMo cookie='1461072403/492cc5da-30d7-10d7-8003-d4362a2fa074'
dn='sys/sas-expander-1/mgmt/fw-updatable'>
<inConfig>
<firmwareUpdatable dn='sys/sas-expander-1/mgmt/fw-updatable' adminState='trigger'
protocol='tftp' type='sas-expander' remoteServer='10.10.10.10'
remotePath='sasexp.bin'/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/sas-expander-1/mgmt/fw-updatable"
cookie="1461072403/492cc5da-30d7-10d7-8003-d4362a2fa074" response="yes">
<outConfig>
<firmwareUpdatable dn="sys/sas-expander-1/mgmt/fw-updatable"
description="SAS Expander backup firmware version"
adminState="triggered" deployment="backup" operState="DOWNLOADING" protocol="none"
remoteServer="" remotePath="" user="" pwd="" progress="0" type="sas-expander"
status="modified"/>
</outConfig>
```

```
</configConfMo>
```

SAS エクスパンダ ファームウェアの有効化

要求:

```
<configConfMo cookie='1430677438/2f89af96-3115-1531-8007-df8077e2cff4'
  dn='sys/sas-expander-1/mgmt/fw-boot-def/bootunit-combined'>
  <inConfig>
    <firmwareBootUnit dn='sys/sas-expander-1/mgmt./fw-boot-def/bootunit-combined'
      adminState='trigger' image='backup' resetOnActivate='yes' />
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/sas-expander-1/mgmt/fw-boot-def/bootunit-combined"
  cookie="1281314857/87d987c9-8d59-1d59-8002-7e573e8f835c" response="yes">
  <outConfig>
    <firmwareBootUnit dn="sys/sas-expander-1/mgmt/fw-boot-def/bootunit-combined"
      description="SAS Expander startup firmware version" adminState="triggered"
      image="running" resetOnActivate="yes" type="combined"
      version="0x0408013F" status="modified"/>
  </outConfig>
</configConfMo>
```

更新可能な SAS エクスパンダ ファームウェアの取得

要求:

```
<configResolveDn cookie='1392179711/9352dc53-f22e-122e-8002-ad7c7d74a254'
  dn='sys/sas-expander-1/mgmt/fw-updatable' inHierarchical='true'>
</configResolveDn>
```

応答:

```
<configResolveDn cookie="1392179711/9352dc53-f22e-122e-8002-ad7c7d74a254"
  response="yes" dn="sys/sas-expander-1/mgmt/fw-updatable">
  <outConfig>
    <firmwareUpdatable dn="sys/sas-expander-1/mgmt/fw-updatable"
      description="SAS Expander backup firmware version"
      adminState="triggered" deployment="backup" operState="UPDATE_FAILED"
      version="0xffffffff" protocol="none" remoteServer="" remotePath=""
      user="" pwd="" progress="0" type="sas-expander"/>
  </outConfig>
</configResolveDn>
```

Exclude-All オプションを使用した仮想ドライブのトランスポート可能としての設定

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0'
  inHierarchical='true' cookie='1390285111/1af97ad2-f075-1075-8003-bcbec261b284'>
  <inConfig>
    <storageVirtualDrive
      dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0' id='0'
      adminAction='set-transport-ready' hotspareAction='exclude-all' />
  </inConfig>
```

```
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0"
  cookie="1390285111/1af97ad2-f075-1075-8003-bcbec261b284" response="yes">
<outConfig>
  <storageVirtualDrive id="0" name="RAID1_12" raidLevel="RAID 1"
    size="952720 MB" vdStatus="Optimal" health="Good" bootDrive="false"
    stripSize="64k" drivesPerSpan="2" spanDepth="1" accessPolicy="Transport Ready"
    cachePolicy="direct-io" readPolicy="no-read-ahead"
    requestedWriteCachePolicy="write-through" currentWriteCachePolicy="write-through"
    diskCachePolicy="unchanged" allowBackgroundInit="true" autoSnapshot="false"
    autoDeleteOldest="true" driveState="Optimal" fdeCapable="no" fdeEnabled="no"
    adminAction="no-op" hotspareAction="no-op" targetId="0"
    physicalDrivesList="Physical drives to be used for virtual drive reconstruction.
    pd_id1,pd_id2,...pd_idN" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0"
    status="modified">
<storageLocalDiskUsage startingBlock="0" numberOfBlocks="1951170560" virtualDrive="0"

  physicalDrive="1" state="online" span="0" rn="pd-1" status="modified"/>
<storageLocalDiskUsage startingBlock="0" numberOfBlocks="1951170560" virtualDrive="0"

  physicalDrive="2" state="online" span="0" rn="pd-2" status="modified"/>
  <storageOperationVD rn="storage-operation" lropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0"
    elapsedSeconds="0" status="modified"/>
</storageVirtualDrive>
</outConfig>
</configConfMo>
```



(注) **include-all** および **include-dhsp** で **hotspareAction** 値を使用して、仮想ドライブをトランスポート可能として設定することもできます。

トランスポート可能としての仮想ドライブのクリア

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0'
  inHierarchical='true' cookie='1390285111/1af97ad2-f075-1075-8003-bcbec261b284'>
<inConfig>
  <storageVirtualDrive dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0' id='0'
    adminAction='clear-transport-ready' />
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0"
  cookie="1390285111/1af97ad2-f075-1075-8003-bcbec261b284" response="yes">
<outConfig>
  <storageVirtualDrive id="0" name="RAID1_12" raidLevel="RAID 1"
    size="952720 MB" vdStatus="Optimal" health="Good" bootDrive="false"
    stripSize="64k" drivesPerSpan="2" spanDepth="1" accessPolicy="read-write"
    cachePolicy="direct-io" readPolicy="no-read-ahead"
```

```

requestedWriteCachePolicy="write-through" currentWriteCachePolicy="write-through"
diskCachePolicy="unchanged" allowBackgroundInit="true" autoSnapshot="false"
autoDeleteOldest="true" driveState="Optimal" fdeCapable="no" fdeEnabled="no"

adminAction="no-op" hotspareAction="no-op" targetId="0"
physicalDrivesList="Physical drives to be used for virtual drive reconstruction.
pd_id1,pd_id2,...pd_idN" dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/vd-0"
status="modified">
<storageLocalDiskUsage startingBlock="0" numberOfBlocks="1951170560" virtualDrive="0"

  physicalDrive="1" state="online" span="0" rn="pd-1" status="modified"/>
<storageLocalDiskUsage startingBlock="0" numberOfBlocks="1951170560" virtualDrive="0"

  physicalDrive="2" state="online" span="0" rn="pd-2" status="modified"/>
<storageOperationVD rn="storage-operation" lropInProgress="false"
  currentLrop="No operation in progress" progressPercent="0" elapsedSeconds="0"
  status="modified"/>
</storageVirtualDrive>
</outConfig>
</configConfMo>

```

SNMP エンジン ID の設定

要求:

```

<configConfMo cookie="1468979398/1fd17a6c-3808-1808-8002-ac988322e470"
  inHierarchical="false" dn="sys/svc-ext/snmp-svc">
  <inConfig>
    <commSnmp dn="sys/svc-ext/snmp-svc" adminState="enabled"
      engineIdKey="Test_Engine_Key">
    </commSnmp>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/svc-ext/snmp-svc"
  cookie="1468979398/1fd17a6c-3808-1808-8002-ac988322e470" response="yes">
  <outConfig>
    <commSnmp dn="sys/svc-ext/snmp-svc" descr="SNMP Service"
      name="snmp" adminState="enabled" port="161" proto="udp" community=""
      trapCommunity="" com2Sec="disabled" sysContact="who@where" sysLocation="unknown"
      engineId="" engineIdKey="Test_Engine_Key" status="modified" >
    </commSnmp>
  </outConfig>
</configConfMo>

```

設定済み SNMP エンジン ID の取得

要求:

```

<configResolveClass cookie="1468979398/1fd17a6c-3808-1808-8002-ac988322e470"
  inHierarchical="false" classId="commSnmp"/>

```

応答:

```

<configResolveClass cookie="1468979398/1fd17a6c-3808-1808-8002-ac988322e470"
  response="yes" classId="commSnmp">
  <outConfigs>

```



```

<commSnmp dn="sys/svc-ext/snmp-svc" descr="SNMP Service"
  name="snmp" adminState="enabled" port="161" proto="udp" community=""
  trapCommunity="" com2Sec="disabled" sysContact="who@where" sysLocation="unknown"
  engineId="80 00 00 09 04 54 65 73 74 5F 45 6E 67 69 6E 65 5F 4B 65 79"
  engineIdKey="Test_Engine_Key">
</commSnmp>
</outConfigs>
</configResolveClass>

```

ストレージコントローラのプロパティの取得

要求:

```

<configResolveClass cookie='1472027101/557ad6d6-3acd-1acd-8007-95542a2fa074'
  inHierarchical='false' classId='storageControllerProps' />

```

応答:

```

<configResolveClass cookie="1472027101/557ad6d6-3acd-1acd-8007-95542a2fa074"
  response="yes" classId="storageControllerProps">
  <outConfigs>
    <storageControllerProps dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/controller-props"

      pciSlot="SLOT-HBA" health="Good" controllerStatus="Optimal"
      batteryStatus="BBU Not Supported" raidChipTempCentigrade="50"
      backendPortCount="2" physicalDriveCount="7" criticalPhysicalDriveCount="0"
      failedPhysicalDriveCount="0" memoryCorrectableErrors="0"
      memoryUncorrectableErrors="0" bootDrive="2" bootDriveIsPhysicalDrive="true"
      flashPresent="true" sasAddress0="0000000000000001" sasAddress1="0000000000000001"
      sasAddress2="" sasAddress3="" sasAddress4="" sasAddress5=""
      sasAddress6="" sasAddress7="" serial="5142631FC3D" firmwarePackageBuild="1.58-0"
      ttyLogStatus="Not Downloaded" >
    </storageControllerProps>
  </outConfigs>
</configResolveClass>

```

NVMe ストレージコントローラの詳細の取得

要求:

```

<configResolveClass cookie='1472022403/94a78a4a-3acc-1acc-8003-95542a2fa074'
  inHierarchical='true' classId='storageControllerNVMe' />

```

応答:

```

<configResolveClass cookie="1472022403/94a78a4a-3acc-1acc-8003-95542a2fa074"
  response="yes" classId="storageControllerNVMe">
  <outConfigs>
    <storageControllerNVMe id="SLOT-5"
      model="Cisco UCS (SN150) HHHH 3800 GB NVMe based PCIe SSD"
      vendor="HGST" serial="STM0001A7BD9" health="Good" controllerStatus="Optimal"
      controllerChipTempCelsius="39" driveLifeUsed="0" performanceLevel="100"
      ledFaultStatus="Healthy" percentageTotalPowerOnHour="6"
      dn="sys/rack-unit-1/board/storage-NVMe-SLOT-5">
    <firmwareRunning rn="fw-boot-loader"
      description="NVMe Storage controller currently running boot loader firmware version"

      deployment="boot-loader" type="storage-controller-NVMe"
    </firmwareRunning>
  </storageControllerNVMe>
  </outConfigs>
</configResolveClass>

```

```

    version="N/A" >
  </firmwareRunning>
<firmwareRunning rn="fw-system"
description="NVMe Storage controller currently running firmware version"
deployment="system" type="storage-controller-NVMe"
version="KMCCP105">
</firmwareRunning>
</storageControllerNVMe>
<storageControllerNVMe
id="SLOT-4" model="Cisco UCS (P3700) HHHH 800 GB NVMe based PCIe SSD"
vendor="Intel"
serial="CVFT6024002U800CGN" health="Good" controllerStatus="Optimal"
controllerChipTempCelsius="24" driveLifeUsed="0" performanceLevel="100"
ledFaultStatus="Healthy" percentageTotalPowerOnHour="5"
dn="sys/rack-unit-1/board/storage-NVMe-SLOT-4" >
<firmwareRunning rn="fw-boot-loader"
description="NVMe Storage controller currently running boot loader firmware version"

deployment="boot-loader" type="storage-controller-NVMe"
version="N/A" >
</firmwareRunning>
<firmwareRunning
rn="fw-system"
description="NVMe Storage controller currently running firmware version"
deployment="system" type="storage-controller-NVMe"
version="8DV1CP01" >
</firmwareRunning>
</storageControllerNVMe>
<storageControllerNVMe
id="SLOT-2" model="Cisco UCS (P3700) HHHH 1600 GB NVMe based PCIe SSD"
vendor="Intel" serial="CVFT5433007S1P6DGN" health="Good"
controllerStatus="Optimal" controllerChipTempCelsius="27"
driveLifeUsed="0" performanceLevel="100"
ledFaultStatus="Healthy" percentageTotalPowerOnHour="3"
dn="sys/rack-unit-1/board/storage-NVMe-SLOT-2">
<firmwareRunning
rn="fw-boot-loader"
description="NVMe Storage controller currently running boot loader firmware version"

deployment="boot-loader" type="storage-controller-NVMe" version="N/A">
</firmwareRunning>
<firmwareRunning
rn="fw-system"
description="NVMe Storage controller currently running firmware version"
deployment="system" type="storage-controller-NVMe" version="8DV1CP01">
</firmwareRunning>
</storageControllerNVMe>
</outConfigs>
</configResolveClass>

```

NVMe コントローラのファームウェアバージョンの取得

要求:

```
<configResolveDn cookie='1405200895/c56a2fcc-fe06-1e06-8062-f4f25b78ac58'
inHierarchical='false' dn='sys/rack-unit-1/board/storage-NVMe-FrontPCIe1/fw-system'/'>
```

応答:

```
<configResolveDn cookie="1405200895/c56a2fcc-fe06-1e06-8062-f4f25b78ac58"
response="yes" dn="sys/rack-unit-1/board/storage-NVMe-FrontPCIe1/fw-system">
```

```

<outConfig>
<firmwareRunning dn="sys/rack-unit-1/board/storage-NVMe-FrontPCIe1/fw-system"
description="NVMe Storage controller currently running firmware version"
deployment="system" type="storage-controller-NVMe"
version="KMCCP105">
</firmwareRunning>
</outConfig>
</configResolveDn>

```

セキュアなアダプタ ファームウェア更新の有効化

要求:

```

<configConfMo inHierarchical="false"
cookie="1472686105/f4cebeba-3b66-1b66-8003-fad0998bc800"
dn="sys/rack-unit-1">
<inConfig>
<computeRackUnit adaptorSecureUpdate="enabled" dn="sys/rack-unit-1"/>
</inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1" cookie="1472686105/f4cebeba-3b66-1b66-8003-fad0998bc800"
response="yes">
<outConfig>
<computeRackUnit dn="sys/rack-unit-1" adminPower="policy" availableMemory="131072"
model="UCSC-Cxxx-MxS" memorySpeed="1866" name="UCS Cxxx MxS" numOfAdaptors="1"
numOfCores="16" numOfCoresEnabled="16" numOfCpus="2"
numOfEthHostIfs="2" numOfFcHostIfs="2" numOfThreads="32" operPower="on"
originalUuid="E320FC46-31AC-4D93-BA64-C7FE5A139628" presence="equipped"
serverId="1" serial="FCH2005V1E4" totalMemory="131072" usrLbl=""
uuid="E320FC46-31AC-4D93-BA64-C7FE5A139628"
vendor="Cisco Systems Inc" cimResetReason="graceful-reboot "
adaptorSecureUpdate="Enabled" status="modified"/>
</outConfig>
</configConfMo>

```

アダプタのセキュアなファームウェア更新の有効化のステータスの表示

要求:

```

<configResolveDn cookie="1472686105/f4cebeba-3b66-1b66-8003-fad0998bc800"
inHierarchical="false" dn="sys/rack-unit-1"/>

```

応答:

```

<configResolveDn cookie="1472686105/f4cebeba-3b66-1b66-8003-fad0998bc800"
response="yes" dn="sys/rack-unit-1">
<computeRackUnit dn="sys/rack-unit-1" adminPower="policy" availableMemory="131072"
model="UCSC-Cxxx-MxS" memorySpeed="1866" name="UCS Cxxx MxS" numOfAdaptors="1"
numOfCores="16" numOfCoresEnabled="16" numOfCpus="2" numOfEthHostIfs="2"
numOfFcHostIfs="2" numOfThreads="32" operPower="on"
originalUuid="E320FC46-31AC-4D93-BA64-C7FE5A139628" presence="equipped"
serverId="1" serial="FCH2005V1E4" totalMemory="131072" usrLbl=""
uuid="E320FC46-31AC-4D93-BA64-C7FE5A139628" vendor="Cisco Systems Inc"
cimResetReason="graceful-reboot " adaptorSecureUpdate="Enabled" />

```

```
</outConfig>
</configConfMo>
```

BIOS プロファイルのアップロード

要求：

```
<configConfMo cookie="1456439239/b9c2ed1f-2c9f-1c9f-8008-40da39fc1d88"
dn="sys/rack-unit-1/bios/profile-mgmt/upload-bios-profile" inHierarchical="false">
  <inConfig>
    <uploadBiosProfile protocol="scp" user="user" remoteServer="10.10.10.10"
remoteFile="/tmp/performance" pwd="cisco123"
dn="sys/rack-unit-1/bios/profile-mgmt/upload-bios-profile"/>
  </inConfig>
</configConfMo>
```

ダウンロード済み BIOS プロファイルのリストの取得

要求:

```
<configResolveClass cookie="1464957311/f56dfe52-345e-145e-800e-4e0916608cc0"
inHierarchical="false" classId="biosProfile"/>
```

応答：

```
<configResolveClass cookie="1464957311/f56dfe52-345e-145e-800e-4e0916608cc0"
response="yes" classId="biosProfile">
  <outConfigs>
    <biosProfile name="Performance" isActive="yes" adminAction="no-op"
dn="sys/rack-unit-1/bios/profile-mgmt/bios-profile-Performance" />
    <biosProfile name="Virtualization" isActive="no" adminAction="no-op"
dn="sys/rack-unit-1/bios/profile-mgmt/bios-profile-Virtualization" />
    <biosProfile name="Lowpower" isActive="no" adminAction="no-op"
dn="sys/rack-unit-1/bios/profile-mgmt/bios-profile-Lowpower" />
    <biosProfile name="Cisco_backup" isActive="no" adminAction="no-op"
dn="sys/rack-unit-1/bios/profile-mgmt/bios-profile-Cisco_backup" />
  </outConfigs>
</configResolveClass>
```

特定の BIOS プロファイルの有効化

要求：

```
<configConfMo cookie="1456439239/b9c2ed1f-2c9f-1c9f-8008-40da39fc1d88"
dn="sys/rack-unit-1/bios/profile-mgmt/bios-profile-Virtualization"
inHierarchical="false">
  <inConfig>
    <biosProfile dn="sys/rack-unit-1/bios/profile-mgmt/
bios-profile-Virtualization" adminAction="activate"/>
  </inConfig>
</configConfMo>
```

BIOS プロファイルの削除

要求：

```
<configConfMo cookie="1456439239/b9c2ed1f-2c9f-1c9f-8008-40da39fc1d88"
```

```

    dn="sys/rack-unit-1/bios/profile-mgmt/bios-profile-Virtualization"
inHierarchical="false">
  <inConfig>
    <biosProfile dn="sys/rack-unit-1/bios/profile-mgmt/bios-profile-Virtualization"

      adminAction="delete"/>
  </inConfig>
</configConfMo>

```

現在の BIOS 設定のバックアップの作成

要求：

```

<configResolveClass cookie="1464957311/f56dfe52-345e-145e-800e-4e0916608cc0"
inHierarchical="false" classId="biosProfile"/>
<configConfMo cookie="1456439239/b9c2ed1f-2c9f-1c9f-8008-40da39fc1d88"
  dn="sys/rack-unit-1/bios/profile-mgmt" inHierarchical="false">
  <inConfig>
    <biosProfileManagement dn="sys/rack-unit-1/bios/profile-mgmt"
      adminAction="backup"/>
  </inConfig>
</configConfMo>

```

BIOS プロファイルのトークンのリストの取得

要求:

```

<configResolveClass cookie="1464957311/f56dfe52-345e-145e-800e-4e0916608cc0"
inHierarchical="false" classId="BIOSprofileToken"/>

```

応答：

```

<configResolveClass cookie="1464957311/f56dfe52-345e-145e-800e-4e0916608cc0"
response="yes" classId="BIOSprofileToken">
  <outConfigs>
    <BIOSprofileToken name="TPMAdminCtrl" configuredValue="disabled"
      actualValue="disabled" dn="sys/rack-unit-1/bios/profile-mgmt/
        bios-profile-Performance/token-TPMAdminCtrl" />
  </outConfigs>
</configResolveClass>

```

現在構成済みのユーザ検索の優先順位の取得

要求:

```

<configResolveClass cookie="1474080970/a8ae85db-ab3c-1cab-8006-be18652a6ca4"
inHierarchical="false" classId="aaaLdap"/>

```

応答：

```

<configResolveClass cookie="1474080970/a8ae85db-ab3c-1cab-8006-be18652a6ca4"
response="yes" classId="aaaLdap">
  <outConfigs>
    <aaaLdap dn="sys/ldap-ext" adminState="enabled" basedn="DC=new,DC=com"
      domain="new.com" filter="sAMAccountName" attribute="CiscoAvPair" timeout="60"
      encryption="enabled" locateDirectoryUsingDNS="no" dnsDomainSource="extracted-domain"

      dnsSearchDomain="" dnsSearchForest="" ldapServer1="test.com"

```

```

ldapServerPort1="389" ldapServer2="10.10.10.61" ldapServerPort2="389"
ldapServer3="" ldapServerPort3="389" ldapServer4="" ldapServerPort4="3268"
ldapServer5="" ldapServerPort5="3268" ldapServer6="" ldapServerPort6="3268"
bindMethod="login-credentials" bindDn="" password="" groupAuth="enabled"
groupAttribute="memberOf" userSearchPrecedence="ldap-user-db"/>
</outConfigs>
</configResolveClass>

```

ローカルユーザデータベースからのユーザ検索の優先順位の設定

要求:

```

<configConfMo cookie="1474080970/a8ae85db-ab3c-1cab-8006-be18652a6ca4"
inHierarchical="false" dn="sys/ldap-ext" >
  <inConfig>
    <aaaLdap userSearchPrecedence="local-user-db" dn="sys/ldap-ext" />
  </inConfig>
</configConfMo>

```

応答:

```

<configResolveClass cookie="1474080970/a8ae85db-ab3c-1cab-8006-be18652a6ca4"
response="yes" classId="aaaLdap">
  <outConfigs>
    <aaaLdap dn="sys/ldap-ext" adminState="enabled" basedn="DC=new,DC=com"
      domain="new.com" filter="sAMAccountName" attribute="CiscoAvPair" timeout="60"
      encryption="enabled" locateDirectoryUsingDNS="no" dnsDomainSource="extracted-domain"

      dnsSearchDomain="" dnsSearchForest="" ldapServer1="test.com" ldapServerPort1="389"

      ldapServer2="10.10.10.61" ldapServerPort2="389" ldapServer3=""
      ldapServerPort3="389" ldapServer4="" ldapServerPort4="3268" ldapServer5=""
      ldapServerPort5="3268" ldapServer6="" ldapServerPort6="3268"
      bindMethod="login-credentials" bindDn="" password="" groupAuth="enabled"
      groupAttribute="memberOf" userSearchPrecedence="local-user-db"/>
    </outConfigs>
  </configResolveClass>

```

LDAP ユーザデータベースからのユーザ検索の優先順位の設定

要求:

```

<configConfMo cookie="1474080970/a8ae85db-ab3c-1cab-8006-be18652a6ca4"
inHierarchical="false" dn="sys/ldap-ext" >
  <inConfig>
    <aaaLdap userSearchPrecedence="ldap-user-db" dn="sys/ldap-ext" />
  </inConfig>
</configConfMo>

```

応答:

```

<configResolveClass cookie="1474080970/a8ae85db-ab3c-1cab-8006-be18652a6ca4"
response="yes" classId="aaaLdap">
  <outConfigs>
    <aaaLdap dn="sys/ldap-ext" adminState="enabled" basedn="DC=new,DC=com"
      domain="new.com" filter="sAMAccountName" attribute="CiscoAvPair" timeout="60"
      encryption="enabled" locateDirectoryUsingDNS="no" dnsDomainSource="extracted-domain"

      dnsSearchDomain="" dnsSearchForest="" ldapServer1="test.com" ldapServerPort1="389"

```

```

ldapServer2="10.10.10.61" ldapServerPort2="389" ldapServer3=""
ldapServerPort3="389" ldapServer4="" ldapServerPort4="3268"
ldapServer5="" ldapServerPort5="3268" ldapServer6="" ldapServerPort6="3268"
bindMethod="login-credentials" bindDn="" password="" groupAuth="enabled"
groupAttribute="memberOf" userSearchPrecedence="ldap-user-db"/>
</outConfigs>
</configResolveClass>

```

Cisco IMC vMedia の保存済みマッピングの表示

要求:

```

<configResolveClass cookie="0000012218/d9022327-0002-1002-8007-0c0bcf506dd4"
inHierarchical="false" classId="commSavedVMediaMap"/>

```

応答:

```

<outConfigs>
<commSavedVMediaMap volumeName="huu" map="www"
  remoteShare="https://10.10.10.10/Browse/ISO-Images/"
  remoteFile="8GB_HDD.img" mountOptions="noauto" mappingStatus=""
  password="" adminAction="no-op"
  dn="sys/svc-ext/vmedia-svc/saved-vmmap-huu" >
</commSavedVMediaMap>
</outConfigs>

```

Cisco IMC vMedia のマッピングの設定

要求:

```

<configConfMo cookie="$COOKIE$" dn="sys/svc-ext/vmedia-svc/vmmap-HUU">
  <inConfig>
    <commVMediaMap dn="sys/svc-ext/vmedia-svc/vmmap-HUU"
      volumeName="HUU" map="nfs" remoteShare="10.10.196.156:/home/hprabhu/bmc"
      remoteFile="hhu/huu-3.0-23.iso" mountOptions="nolock," status="created" />
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo cookie="$COOKIE$" dn="sys/svc-ext/vmedia-svc/vmmap-RHEL">
  <inConfig>
    <commVMediaMap dn="sys/svc-ext/vmedia-svc/vmmap-RHEL"
      volumeName="HUU" map="cifs" remoteShare="//10.10.196.156/home/hprabhu/bmc"
      remoteFile="rhel.iso" mountOptions="username=xyz,password=123" status="created"
    />
  </inConfig>
</configConfMo>

```

Cisco IMC vMedia のマッピングのマッピング解除

要求:

```

<configConfMo cookie="$COOKIE$" dn="sys/svc-ext/vmedia-svc/vmmap-HUU">
  <inConfig>
    <commVMediaMap dn="sys/svc-ext/vmedia-svc/vmmap-HUU"

```

```

        volumeName="HUU" map="nfs" status="deleted" />
    </inConfig>
</configConfMo>

```

BMC へのセキュアなアクセスを提供するために、選択した IP のセットのみにアクセスを許可するフィルタを設定できるようになりました。このオプションは、IP アドレスを格納するための 4 つのスロットを提供します。IP フィルタの設定時に、単一の IP アドレスまたは IP アドレスの範囲を割り当てることができます。IP フィルタリングが有効になっておらず（または有効になっているがフィルタが設定されていない）だれでもアクセスできる場合、BMC または CMC へのアクセスは安全ではありません。

次に、単一の IP アドレスおよび一定範囲の IP アドレスの IP フィルタリングを有効にして設定する例を示します。

セキュアな BMC アクセスのための IP フィルタリングの有効化と設定

要求:

```

<configConfMo cookie="1452215343/72eabb72-28c8-18c8-8002-9a6ae7925a88"
inHierarchical="false" dn="sys/rack-unit-1/mgmt/if-1/ip-filter">
  <inConfig>
    <ipFiltering dn="sys/rack-unit-1/mgmt/if-1/ip-filter" enable="yes"
      filter1="10.10.10.160-10.10.10.170"
      filter2="10.10.10.33-10.10.150.32"
      filter3="10.10.10.161-10.10.10.163"
      filter4="2001:db8::-2001:db8::0001"/>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/mgmt/if-1/ip-filter"
cookie="1452215343/72eabb72-28c8-18c8-8002-9a6ae7925a88" response="yes">
<outConfig>
  <ipFiltering dn="sys/rack-unit-1/mgmt/if-1/ip-filter" enable="yes"
    filter1="10.10.10.10-10.10.10.20"
    filter2="10.10.10.33-10.10.10.40"
    filter3="10.10.10.161-10.10.10.163"
    filter4="2001:db8::- 2001:db8::0001" adminAction="no-op"
    status="modified"/>
  </outConfig>
</configConfMo>

```

IP フィルタリングの無効化

要求:

```

<configConfMo cookie="1452215343/72eabb72-28c8-18c8-8002-9a6ae7925a88"
inHierarchical="false" dn="sys/rack-unit-1/mgmt/if-1/ip-filter">
  <inConfig>
    <ipFiltering dn="sys/rack-unit-1/mgmt/if-1/ip-filter" enable="no"/>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/mgmt/if-1/ip-filter"
cookie="1452215343/72eabb72-28c8-18c8-8002-9a6ae7925a88" response="yes">
<outConfig>

```



```
<ipFiltering dn="sys/rack-unit-1/mgmt/if-1/ip-filter"
  enable="no" filter1="10.10.10.160-10.10.10.170"
  filter2="10.10.10.33-10.10.150.32" filter3="10.10.10.161-10.10.10.163"
  filter4="2001:db8::-2001:db8::0001" adminAction="no-op"
  status="modified"/>
</outConfig>
</configConfMo>
```

特定の IP フィルタのクリア

要求:

```
<configConfMo cookie="1452215343/72eabb72-28c8-18c8-8002-9a6ae7925a88"
inHierarchical="false" dn="sys/rack-unit-1/mgmt/if-1/ip-filter">
<inConfig>
  <ipFiltering dn="sys/rack-unit-1/mgmt/if-1/ip-filter" adminAction="clearFilter1"/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/mgmt/if-1/ip-filter"
cookie="1452215343/72eabb72-28c8-18c8-8002-9a6ae7925a88" response="yes">
<outConfig>
  <ipFiltering dn="sys/rack-unit-1/mgmt/if-1/ip-filter" enable="no"
    filter1="" filter2="10.10.10.33-10.10.10.32"
    filter3="10.10.10.10-10.10.10.10" filter4="2001:db8::-2001:db8::0001"
    adminAction="no-op" status="modified"/>
</outConfig>
</configConfMo>
```

すべての IP フィルタのクリア

要求:

```
<configConfMo cookie="1452215343/72eabb72-28c8-18c8-8002-9a6ae7925a88"
inHierarchical="false" dn="sys/rack-unit-1/mgmt/if-1/ip-filter">
<inConfig>
  <ipFiltering dn="sys/rack-unit-1/mgmt/if-1/ip-filter" adminAction="clearAll"/>
</inConfig>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/mgmt/if-1/ip-filter"
cookie="1452215343/72eabb72-28c8-18c8-8002-9a6ae7925a88" response="yes">
<outConfig>
  <ipFiltering dn="sys/rack-unit-1/mgmt/if-1/ip-filter"
    enable="no" filter1="" filter2="" filter3="" filter4=""
    adminAction="no-op" status="modified"/>
</outConfig>
</configConfMo>
```

次に、ハードウェア インベントリを生成し、保存する例を示します。この例では SCP プロトコルを使用しますが、このタスクの実行時は HTTP、FTP、SFTP、TFTP プロトコルも使用できます。

ハードウェア インベントリの生成とリモート サーバへのエクスポート

要求:

```
<configConfMo cookie="1453259331/c15fc890-29bb-19bb-8003-a2fa28e6a274"
inHierarchical="true" dn="sys/inventory">
<inConfig>
  <mgmtInventory pwd="cisco123" user="user" adminState="trigger"
    hostname="10.10.10.10" remoteFile="/home/user/pynj/FP_XMLAPI_SCP.txt"
    proto="scp" dn="sys/inventory" >
  </mgmtInventory>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo cookie="1453259331/c15fc890-29bb-19bb-8003-a2fa28e6a274"
dn="sys/inventory" response="yes" >
<outConfig>
  <mgmtInventory dn="sys/inventory" adminState="triggered" proto="none"
    hostname="" remoteFile="" user="" pwd="" fsmStatus="IN-PROGRESS"
    progress="5%" status="modified" >
  </mgmtInventory>
</outConfig>
</configConfMo>
```

SSD スマート情報の表示

要求:

```
<configResolveDn cookie="1474028533/2aff24a6-3c9f-1c9f-8004-1aa09e4965e8"
inHierarchical="false" dn="sys/rack-unit-1/board/storage-SAS-SAS/pd-10/general-props"/>
```

応答 :

```
<outConfig>
<storageLocalDiskProps dn="sys/rack-unit-1/board/storage-SAS-SAS/pd-10/general-props"
  physicalDrive="10" pdStatus="Online" health="Good" enclosureDeviceId="13" deviceId="30"
  sequenceNumber="2" mediaErrorCount="0" otherErrorCount="0" predictiveFailureCount="0"
  linkSpeed="6.0 Gb/s" interfaceType="SATA" mediaType="SSD" blockSize="512"
  blockCount="1875385008" bootDrive="false" rawSize="915715 MB" nonCoercedSize="915203
MB"
  coercedSize="914573 MB" powerState="active" sasAddress0="500fec85874ad189"
  sasAddress1="0x0" physicalBlockSize="512" powerCycleCount="41" powerOnHours="1006"
  percentageLifeLeft="80" wearStatusInDays="130" operatingTemperature="70"
  copybackOperationStatus="Unknown" copybackPercentComplete="0%"
  percentageReservedCapConsumed="Not Available" timeOfLastRefresh=""
  capacityConsumed="Not Available" >
</storageLocalDiskProps>
</outConfig>
</configResolveDn>
```

製品アセットタグの表示

要求:

```
<configResolveClass cookie="1455087241/daaba151-2b65-1b65-8003-0d0bcf506dd4"
response="yes" classId="computeRackUnit">
<outConfigs>
```

応答 :

```
<configResolveClass cookie="1455087241/daaba151-2b65-1b65-8003-0d0bcf506dd4"
response="yes" classId="computeRackUnit">
<outConfigs>
<computeRackUnit dn="sys/rack-unit-1" adminPower="policy"
availableMemory="393216" model="UCSC-Cxxx-MxS" memorySpeed="1866" name="UCS Cxxx MxS"

numOfAdaptors="2" numOfCores="20" numOfCoresEnabled="20" numOfCpus="2"
numOfEthHostIfs="4" numOfFcHostIfs="4" numOfThreads="40" operPower="on"
originalUuid="62FC0EEC-69AF-4CCD-9B1B-02280115EC80" presence="equipped"
serverId="1" serial="FCH1848V11Y" totalMemory="393216" usrLbl="adsadsa"
uuid="62FC0EEC-69AF-4CCD-9B1B-02280115EC80" vendor="Cisco Systems Inc"
cimcResetReason="graceful-reboot " assetTag="CIMC-QA"/>
</outConfigs>
</configResolveClass>
```

アセットタグの変更

要求:

```
<configConfMo cookie="1455093669/2cdda0b-2b67-1b67-8004-0d0bcf506dd4"
inHierarchical="false" dn="sys/rack-unit-1">
<inConfig>
<computeRackUnit dn="sys/rack-unit-1" assetTag="AssetTag#1234567890 " >
</computeRackUnit>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1" cookie="1455093669/2cdda0b-2b67-1b67-8004-0d0bcf506dd4"

response="yes">
<outConfig>
<computeRackUnit dn="sys/rack-unit-1" adminPower="policy" availableMemory="393216"
model="UCSC-Cxxx-MxS" memorySpeed="1866" name="UCS Cxxx MxS" numOfAdaptors="2"
numOfCores="20" numOfCoresEnabled="20" numOfCpus="2" numOfEthHostIfs="4"
numOfFcHostIfs="4" numOfThreads="40" operPower="on"
originalUuid="62FC0EEC-69AF-4CCD-9B1B-02280115EC80" presence="equipped"
serverId="1" serial="FCH1848V11Y" totalMemory="393216" usrLbl="adsadsa"
uuid="62FC0EEC-69AF-4CCD-9B1B-02280115EC80" vendor="Cisco Systems Inc"
cimcResetReason="graceful-reboot " assetTag="AssetTag#1234567890 " "
status="modified"/>
</outConfig>
</configConfMo>
```

vMedia マッピングのマッピング解除と保存

要求:

```
<configConfMo cookie="0000013783/da92cfae-0003-1003-800a-0c0bcf506dd4"
dn="sys/svc-ext/vmedia-svc/vmmap-huu" inHierarchical="false">
<inConfig>
<commVMediaMap dn="sys/svc-ext/vmedia-svc/vmmap-huu"
adminAction="save-unmapped-volume"/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/svc-ext/vmedia-svc/vmmap-huu"
  cookie="0000013783/da92cfae-0003-1003-800a-0c0bcf506dd4" response="yes">
<outConfig>
</outConfig>
</configConfMo>
```

保存済み vMedia マッピングの削除

要求:

```
<configConfMo cookie="0000017389/42642893-0004-1004-800d-0c0bcf506dd4"
dn="sys/svc-ext/vmedia-svc" inHierarchical="false">
<inConfig>
  <commVMedia dn="sys/svc-ext/vmedia-svc"
    adminAction="delete-all-saved-mappings"/>
</inConfig>
</configConfMo>
```

応答:

```
<outConfig>
<commVMedia dn="sys/svc-ext/vmedia-svc" adminState="enabled" activeSessions="0"
  encryptionState="disabled" lowPowerUsbState="enabled" adminAction="no-op"
  status="modified" >
  </commVMedia>
</outConfig>
</configConfMo>
```

保存済み vMedia マッピングの再マッピング

要求:

```
<configConfMo cookie="0000017389/42642893-0004-1004-800d-0c0bcf506dd4"
dn="sys/svc-ext/vmedia-svc/saved-vmmap-huu" inHierarchical="false">
<inConfig>
  <commSavedVMediaMap dn="sys/svc-ext/vmedia-svc/saved-vmmap-huu"
    adminAction="remap-volume"/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/svc-ext/vmedia-svc/saved-vmmap-huu"
  cookie="0000017389/42642893-0004-1004-800d-0c0bcf506dd4" response="yes">
<outConfig>
  <commSavedVMediaMap volumeName="huu" map="www"
    remoteShare="https://10.10.10.10/Browse/ISO-Images/"
    remoteFile="8GB_HDD.img" mountOptions="noauto"
    mappingStatus="" password="" adminAction="no-op"
    n="sys/svc-ext/vmedia-svc/saved-vmmap-huu" status="modified" >
  </commSavedVMediaMap>
</outConfig>
```

パスワードの有効期限切れの詳細の表示

要求:

```
<configResolveClass cookie="1475331315/175db596-3dcf-1dcf-8002-3ae500da0ee0"
inHierarchical="false"
classId="aaaUserPasswordExpiration"/>
```

応答:

```
<outConfigs>
<aaaUserPasswordExpiration dn="sys/user-ext/password-expiration"
passwordExpiryDuration="249"
passwordHistory="4" passwordNotificationPeriod="13" passwordGracePeriod="4"
adminAction="no-op" >
</aaaUserPasswordExpiration>
</outConfigs>
</configResolveClass>
```

ユーザのパスワードの有効期限切れの設定

要求:

```
<configConfMo cookie="1475835380/85150ac1-3e44-1e44-8004-e5de29114ca4"
inHierarchical="false"
dn="sys/user-ext/password-expiration">
<inConfig>
<aaaUserPasswordExpiration dn="sys/user-ext/password-expiration"
passwordExpiryDuration="55"
passwordHistory="3" passwordNotificationPeriod="3" passwordGracePeriod="3">
</aaaUserPasswordExpiration>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/user-ext/password-expiration"
cookie="1475835380/85150ac1-3e44-1e44-8004-e5de29114ca4" response="yes">
<outConfig>
<aaaUserPasswordExpiration dn="sys/user-ext/password-expiration"
passwordExpiryDuration="55" passwordHistory="3" passwordNotificationPeriod="3"
passwordGracePeriod="3" adminAction="no-op" status="modified" >
</aaaUserPasswordExpiration>
</outConfig>
</configConfMo>
```

パスワードの有効期限切れパラメータのデフォルトへの復元

要求:

```
<configConfMo cookie="1476020227/fccbae5a-3e6e-1e6e-8007-e5de29114ca4"
inHierarchical="false" dn="sys/user-ext/password-expiration">
<inConfig>
<aaaUserPasswordExpiration dn="sys/user-ext/password-expiration"
adminAction="restore-default" >
</aaaUserPasswordExpiration>
```

```
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/user-ext/password-expiration"
cookie="1476020227/fccbae5a-3e6e-1e6e-8007-e5de29114ca4" response="yes">
<outConfig>
  <aaaUserPasswordExpiration dn="sys/user-ext/password-expiration"
    passwordExpiryDuration="0" passwordHistory="0" passwordNotificationPeriod="15"
    passwordGracePeriod="0" adminAction="no-op" status="modified" >
  </aaaUserPasswordExpiration>
</outConfig>
</configConfMo>
```

共通サーバ管理タスクの例（続き）

このセクションの例は、Cisco IMC XML API を使用して共通サーバ管理タスクを実行する方法を示します。各例は、XML API 要求に続いて Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

- [電子メールアラートの受信用に SMTP サーバを設定（191 ページ）](#)
- [すべてのコンポーネントの工場出荷時の初期状態へのリセット（192 ページ）](#)
- [ストレージ、VIC、および BMC コンポーネントの工場出荷時の初期状態へのリセット（193 ページ）](#)
- [SAS エクスパンダでの 6G または 12G 混合モード速度の有効化または無効化（194 ページ）](#)
- [ストレージコントローラのすべての設定のクリア（194 ページ）](#)
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- [KMIP サーバの設定（198 ページ）](#)
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- [セキュアなキー管理設定の表示（199 ページ）](#)
- [ルート CA 証明書のダウンロード \(tftp\)（199 ページ）](#)
- [ルート CA 証明書のエクスポート \(scp\)（200 ページ）](#)
- [ルート CA 証明書の削除（200 ページ）](#)
- [クライアント秘密キーのダウンロード（201 ページ）](#)

- クライアント秘密キーのエクスポート (201 ページ)
- ルート CA 証明書の削除 (200 ページ)
- クライアント秘密キーのダウンロード (201 ページ)
- クライアント秘密キーのエクスポート (201 ページ)
- クライアント秘密キーの削除 (202 ページ)
- クライアント証明書のダウンロード (202 ページ)
- クライアント証明書のエクスポート (203 ページ)
- クライアント証明書の削除 (203 ページ)
- **KMIP** サーバ ログインの詳細の削除 (204 ページ)
- 自己暗号化ドライブの外部設定のロック解除 (204 ページ)
- 自己暗号化ドライブの外部設定のインポート (205 ページ)
- ローカルおよび **KMIP** としてのキー管理が無効の自己暗号化ドライブの有効化 (205 ページ)
- リモートおよび **KMIP** としてのキー管理が有効の自己暗号化ドライブの有効化 (206 ページ)
- 既存のセキュリティ キーでのローカルからリモートへのキー管理の切り替え (207 ページ)
- キー ID とセキュリティ キーでのリモートからローカルへのキー管理の切り替え (207 ページ)
- キー管理がローカルの場合のセキュリティが有効になっているドライブの無効化 (208 ページ)

電子メール アラートの受信用に **SMTP** サーバを設定

Get Request

```
<configResolveClass cookie="d55a90fac7/82dcfd65-f21e-7fd5-98b8-c31fdd7c988e"
inHierarchical="false" classId="mailRecipient"/>
```

応答

```
<configResolveClass cookie="d55a90fac7/82dcfd65-f21e-7fd5-98b8-c31fdd7c988e"
response="yes" classId="mailRecipient">
  <outConfigs>
    <mailRecipient id="1" email="xxxxx@cisco.com" severity="minor" adminAction="no-op"
testMailStatus="na" dn="sys/svc-ext/mail-alert-svc/mail-recipient-1"/>
    <mailRecipient id="2" email="xxxxx@cisco.com" severity="major" adminAction="no-op"
testMailStatus="na" dn="sys/svc-ext/mail-alert-svc/mail-recipient-2"/>
    <mailRecipient id="3" email="test@cisco.com" severity="informational"
adminAction="no-op" testMailStatus="na" dn="sys/svc-ext/mail-alert-svc/mail-recipient-3"/>
    <mailRecipient id="4" email="user@cisco.com" severity="informational"
adminAction="no-op" testMailStatus="na" dn="sys/svc-ext/mail-alert-svc/mail-recipient-4"/>
```

```
</outConfigs>
</configResolveClass>
```

Set Request

メール受信者とともに SMTP プロパティを構成する

```
<configConfMo cookie="1531920597/067cf5f8-7147-1147-8003-1a4c5a74a254"
inHierarchical="false" dn="sys/svc-ext/mail-alert-svc">
  <inConfig>
    <commMailAlert dn="sys/svc-ext/mail-alert-svc" adminState="enabled"
ipAddress="1.1.1.1" port="25" fromAddress="abc@cisco.com" >
      <mailRecipient dn="sys/svc-ext/mail-alert-svc/mail-recipient-1"
email="test@cisco.com" severity="informational"/>
      <mailRecipient dn="sys/svc-ext/mail-alert-svc/mail-recipient-2"
email="user@cisco.com" severity="major"/>
    </commMailAlert>
  </inConfig>
</configConfMo>
```

個別の重大度が設定されていないメール受信者に沿って SMTP プロパティの構成をリクエストする

```
<configConfMo cookie="1531920597/067cf5f8-7147-1147-8003-1a4c5a74a254"
inHierarchical="false" dn="sys/svc-ext/mail-alert-svc">
  <inConfig>
    <commMailAlert dn="sys/svc-ext/mail-alert-svc" adminState="enabled"
ipAddress="1.1.1.1" port="25" fromAddress="abc@cisco.com" >
      <mailRecipient dn="sys/svc-ext/mail-alert-svc/mail-recipient-1"
email="test@cisco.com"/>
      <mailRecipient dn="sys/svc-ext/mail-alert-svc/mail-recipient-2"
email="user@cisco.com"/>
    </commMailAlert>
  </inConfig>
</configConfMo>
```

メール受信者のみ設定をリクエスト

```
<configConfMo cookie="1531920597/067cf5f8-7147-1147-8003-1a4c5a74a254"
inHierarchical="false" dn="sys/svc-ext/mail-alert-svc/mail-recipient-3">
  <inConfig>
    <mailRecipient dn="sys/svc-ext/mail-alert-svc/mail-recipient-3"
email="user@cisco.com" severity="major"/>
  </inConfig>
</configConfMo>
```

重大度なしでメール受信者のみを構成するようにリクエストします

```
<configConfMo cookie="1531920597/067cf5f8-7147-1147-8003-1a4c5a74a254"
inHierarchical="false" dn="sys/svc-ext/mail-alert-svc/mail-recipient-3">
  <inConfig>
    <mailRecipient dn="sys/svc-ext/mail-alert-svc/mail-recipient-3"
email="user@cisco.com"/>
  </inConfig>
</configConfMo>
```

すべてのコンポーネントの工場出荷時の初期状態へのリセット

要求:

```
<configConfMo dn='sys/rack-unit-1'
cookie="1484920480/dd879b5e-8746-1687-8003-be18652a6ca4" inHierarchical="true">
  <inConfig>
```



```

    <computeRackUnit dn='sys/rack-unit-1' resetComponents='all'>
    </computeRackUnit>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn='sys/rack-unit-1'
cookie="1484920480/dd879b5e-8746-1687-8003-be18652a6ca4" response="yes">
  <outConfig>
    <computeRackUnit dn="sys/rack-unit-1" adminPower="policy"
availableMemory="40960" model="UCSC-Cxxx-MxS" memorySpeed="2133"
name="UCS Cxxx MxS" numOfAdaptors="1" numOfCores="14" numOfCoresEnabled="14"
numOfCpus="1" numOfEthHostIfs="2" numOfFcHostIfs="2" numOfThreads="28"
operPower="on" originalUuid="414949AC-22D6-4D0D-B0C0-F7950E9217C1"
presence="equipped" serverId="1" serial="FCH1834V23X" totalMemory="40960"
usrLbl="" uuid="414949AC-22D6-4D0D-B0C0-F7950E9217C1" vendor="Cisco Systems Inc"
cimcResetReason="graceful-reboot " assetTag="Unknown" adaptorSecureUpdate="Enabled"
resetComponents="components" storageResetStatus="Completed" vicResetStatus="Completed"

    bmcResetStatus="Completed" status="modified"/>
  </outConfig>
</configConfMo>

```

ストレージ、VIC、および BMC コンポーネントの工場出荷時の初期状態へのリセット

要求:

```

<configConfMo dn='sys/rack-unit-1'
cookie="1484920480/dd879b5e-8746-1687-8003-be18652a6ca4" inHierarchical="true">
  <inConfig>
    <computeRackUnit dn='sys/rack-unit-1' resetComponents='storage,vic,bmc'>
    </computeRackUnit>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn='sys/rack-unit-1'
cookie="1484920480/dd879b5e-8746-1687-8003-be18652a6ca4" response="yes">
  <outConfig>
    <computeRackUnit dn="sys/rack-unit-1" adminPower="policy"
availableMemory="40960" model="UCSC-Cxxx-MxS" memorySpeed="2133"
name="UCS Cxxx MxS" numOfAdaptors="1" numOfCores="14" numOfCoresEnabled="14"
numOfCpus="1" numOfEthHostIfs="2" numOfFcHostIfs="2" numOfThreads="28"
operPower="on" originalUuid="414949AC-22D6-4D0D-B0C0-F7950E9217C1"
presence="equipped" serverId="1" serial="FCH1834V23X" totalMemory="40960"
usrLbl="" uuid="414949AC-22D6-4D0D-B0C0-F7950E9217C1" vendor="Cisco Systems Inc"
cimcResetReason="graceful-reboot " assetTag="Unknown" adaptorSecureUpdate="Enabled"
resetComponents="components" storageResetStatus="Completed" vicResetStatus="Completed"

    bmcResetStatus="Completed" status="modified"/>
  </outConfig>
</configConfMo>

```

SAS エクスパンダでの 6G または 12G 混合モード速度の有効化または無効化

要求:

```
<configConfMo dn='sys/rack-unit-1/sas-expander-1'
cookie="1484806041/908bffd4-6c46-166c-807c-67f2642a6ca4" inHierarchical="false" >
  <inConfig>
    <storageSasExpander dn='sys/rack-unit-1/sas-expander-1' mixed6G12GDriveSupport='Enabled' />
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn='sys/rack-unit-1/sas-expander-1'
cookie="1484806041/908bffd4-6c46-166c-807c-67f2642a6ca4" response="yes"
<outConfig>
  <storageSasExpander id="1" name="SASEXP1" currentFwVersion="04.08.01_B075"
sasAddress="N/A" description="Storage controller - SAS Expander"
  mixed6G12GDriveSupport="Pending" status="modified" >
  </storageSasExpander>
</outConfig>
</configConfMo>
```



(注) 6G または 12G 混合モード速度を無効にするには、コマンドで「mixed6G12GDriveSupport=disabled」属性を使用します。

ストレージコントローラのすべての設定のクリア

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'
cookie="1488466281/3ee53bc7-49c1-19c1-8004-505545067ff0" inHierarchical='true'>
  <inConfig>
    <storageController dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'
  adminAction='clear-all-config' />
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'
cookie="1488466281/3ee53bc7-49c1-19c1-8004-505545067ff0" response="yes">
  <outConfig>
    <storageController id="SLOT-HBA" model="Cisco 12G SAS Modular Raid Controller"
  ...
  adminAction="no-op"
  dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA" status="modified">
  <storageControllerProps rn="controller-props" pciSlot="SLOT-HBA" health="Good"
  ...
  serial="" firmwarePackageBuild="24.12.1-0107"
  ttyLogStatus="Not Downloaded" status="modified"/>
  <storageControllerHealth rn="controller-health" id="SLOT-HBA">
```

```

health="Good" status="modified"/>
<generatedStorageControllerKeyId rn="gen-key-id"
generatedKeyId="UCSC-MRAID12G__204aeeal" status="modified"/>
<suggestedStorageControllerSecurityKey rn="suggested-sec-key"
suggestedSecurityKey="4m5szE8z6@ELQ3Jlb3UkxbPI4m5szE8z" status="modified"/>
<selfEncryptStorageController rn="ctr-self-encrypt" keyId="x" securityKey="Security
key"
existingSecurityKey="Existing security key"
keyManagement="" adminAction="no-op" status="modified"/>
<storageRaidBattery rn="raid-battery" batteryType="No Battery" health="N/A"
batteryStatus="BBU Not Present" batteryPresent="false" adminAction="no-op"
status="modified"/>
<storageVirtualDriveCreatorUsingUnusedPhysicalDrive rn="virtual-drive-create"
...
createdVirtualDriveDn="" operStatus="" adminAction="no-op"
adminState="triggered" status="modified">
<storageUnusedLocalDisk id="1" pdStatus="Unconfigured Good" coercedSize="475883 MB"

health="Good" mediaType="HDD" status="modified"/>
<storageLocalDisk id="1" pdStatus="Unconfigured Good" health="Good"
...
foreignLocked="no" adminAction="no-op" rn="pd-1" status="modified">
<storageLocalDiskProps rn="general-props" physicalDrive="1" pdStatus="Unconfigured
Good"
...
timeOfLastRefresh="" status="modified"/>
<storageOperation rn="storage-operation" lropInProgress="false"
currentLrop="No operation in progress" progressPercent="0"
elapsedSeconds="0" status="modified"/>
</storageLocalDisk>
<firmwareRunning rn="fw-boot-loader"
description="LSI Storage controller currently running boot loader firmware version"
...
status="modified"/>
<firmwareRunning rn="fw-system"
description="LSI Storage controller currently running firmware version"
...
status="modified"/>
<firmwareBootDefinition rn="fw-boot-def"
type="storage-controller" status="modified">
<firmwareBootUnit rn="bootunit-combined"
description="LSI Storage controller startup BIOS firmware version"
...
status="modified"/>
</firmwareBootDefinition>
<storageControllerSettings rn="controller-settings" pciSlot="SLOT-HBA"
...
autoEnhancedImport="true" status="modified"/>
</storageController>
</outConfig>
</configConfMo>

```

ストレージコントローラの工場出荷時の初期状態へのリセット

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'
cookie='1488466281/3ee53bc7-49c1-19c1-8004-505545067ff0' inHierarchical='true'>
<inConfig>
<storageController dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'

```

```

    adminAction='reset-default-config' />
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'
cookie='1488466281/3ee53bc7-49c1-19c1-8004-505545067ff0' response="yes">
  <outConfig>
    <storageController id="SLOT-HBA" model="Cisco 12G SAS Modular Raid Controller"
    ...
    adminAction="no-op"
    dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA" status="modified">
    <storageControllerProps rn="controller-props" pciSlot="SLOT-HBA" health="Good"
    ...
    serial="" firmwarePackageBuild="24.12.1-0107"
    ttyLogStatus="Not Downloaded" status="modified"/>
    <storageControllerHealth rn="controller-health" id="SLOT-HBA"
    health="Good" status="modified"/>
    <generatedStorageControllerKeyId rn="gen-key-id"
    generatedKeyId="UCSC-MRAID12G__204aeeal" status="modified"/>
    <suggestedStorageControllerSecurityKey rn="suggested-sec-key"
    suggestedSecurityKey="4m5szE8z6@ELQ3Jlb3UkxbPI4m5szE8z" status="modified"/>
    <selfEncryptStorageController rn="ctr-self-encrypt" keyId="x" securityKey="Security
    key"
    existingSecurityKey="Existing security key"
    keyManagement="" adminAction="no-op" status="modified"/>
    <storageRaidBattery rn="raid-battery" batteryType="No Battery" health="N/A"
    batteryStatus="BBU Not Present" batteryPresent="false" adminAction="no-op"
    status="modified"/>
    <storageVirtualDriveCreatorUsingUnusedPhysicalDrive rn="virtual-drive-create"
    ...
    createdVirtualDriveDn="" operStatus="" adminAction="no-op"
    adminState="triggered" status="modified">
    <storageUnusedLocalDisk id="1" pdStatus="Unconfigured Good" coercedSize="475883 MB"

    health="Good" mediaType="HDD" status="modified"/>
    <storageLocalDisk id="1" pdStatus="Unconfigured Good" health="Good"
    ...
    foreignLocked="no" adminAction="no-op" rn="pd-1" status="modified">
    <storageLocalDiskProps rn="general-props" physicalDrive="1" pdStatus="Unconfigured
    Good"
    ...
    timeOfLastRefresh="" status="modified"/>
    <storageOperation rn="storage-operation" lropInProgress="false"
    currentLrop="No operation in progress" progressPercent="0"
    elapsedSeconds="0" status="modified"/>
  </storageLocalDisk>
  <firmwareRunning rn="fw-boot-loader"
  description="LSI Storage controller currently running boot loader firmware version"
  ...
  status="modified"/>
  <firmwareRunning rn="fw-system"
  description="LSI Storage controller currently running firmware version"
  ...
  status="modified"/>
  <firmwareBootDefinition rn="fw-boot-def"
  type="storage-controller" status="modified">
  <firmwareBootUnit rn="bootunit-combined"
  description="LSI Storage controller startup BIOS firmware version"
  ...

```

```

    status="modified"/>
  </firmwareBootDefinition>
  <storageControllerSettings rn="controller-settings" pciSlot="SLOT-HBA"
    ...
    autoEnhancedImport="true" status="modified"/>
  </storageController>
</outConfig>
</configConfMo>

```

ストレージ仮想ドライブの非表示

要求:

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-2/vd-1"
cookie="1490290813/f5921ed8-4b69-1b69-8006-e5de29114ca4" inHierarchical='true'>
  <inConfig>
    <storageVirtualDrive dn="sys/rack-unit-1/board/storage-SAS-SLOT-2/vd-1"
      adminAction="hide-virtual-drive" />
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-2/vd-1"
cookie="1490290813/f5921ed8-4b69-1b69-8006-e5de29114ca4" response="yes">
  <outConfig>
    <storageVirtualDrive id="1" name="test1" raidLevel="RAID 0"
      size="285148 MB" vdStatus="Optimal" health="Good"
      bootDrive="false" stripSize="64k" drivesPerSpan="1"
      spanDepth="1" accessPolicy="hidden" cachePolicy="direct-io"
      readPolicy="no-read-ahead" requestedWriteCachePolicy="write-through"
      currentWriteCachePolicy="write-through" diskCachePolicy="unchanged"
      allowBackgroundInit="true" autoSnapshot="false" autoDeleteOldest="true"
      driveState="Optimal" fdeCapable="no" fdeEnabled="no" adminAction="no-op"
      hotspareAction="no-op" targetId="1"
      physicalDrivesList="Physical drives to be used for virtual drive reconstruction.
      pd_id1,pd_id2,...pd_idN" status="modified" >
    </storageVirtualDrive>
  </outConfig>
</configConfMo>

```



- (注) ストレージ仮想ドライブの非表示を解除するには、コマンドで `adminAction="unhide-virtual-drive"` を使用します。

セキュアなキー管理の有効化または無効化

要求:

```

<configConfMo dn="sys/kmip-mgmt"
cookie="1486744606/2436e891-3048-1830-8002-be18652a6ca4" inHierarchical="false" >
  <inConfig>
    <kmipManagement dn="sys/kmip-mgmt" secureKeyManagement="enabled">
  </kmipManagement>

```

```
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/kmip-mgmt"
cookie="1486744606/2436e891-3048-1830-8002-be18652a6ca4" response="yes">
<outConfig>
<kmipManagement dn="sys/kmip-mgmt"
description="Key Management Interoperability Protocol"
secureKeyManagement="enabled" serverRootCACertificate="Available"
clientCertificate="Available" clientPrivateKey="Available"
adminAction="no-op" status="modified"/>>
</outConfig>
</configConfMo>
```



(注) セキュアなキー管理を無効にするには、コマンドで `secureKeyManagement="disabled"` を使用します。

KMIP サーバの設定

要求:

```
<configConfMo dn="sys/kmip-mgmt/kmip-server"
cookie="1478249230/3d18c6f9-4076-1076-8002-e8374190b1d8" inHierarchical="false">
<inConfig>
<kmipServer dn="sys/kmip-mgmt/kmip-server"
ipAddress="10.10.10.10" port="6000" timeout="25">
</kmipServer>
</inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/kmip-mgmt/kmip-server"
cookie="1478249230/3d18c6f9-4076-1076-8002-e8374190b1d8" response="yes">
<outConfig>
<kmipServer id="1" ipAddress="10.10.10.10" port="6000" timeout="25"
testConnectionStatus="Unavailable" adminAction="no-op"
dn="sys/kmip-mgmt/kmip-server" status="modified"/>>
</outConfig>
</configConfMo>
```

KMIP サーバの削除

要求:

```
<configConfMo dn="sys/kmip-mgmt/kmip-server"
cookie="1478249230/3d18c6f9-4076-1076-8002-e8374190b1d8" inHierarchical="false">
<inConfig>
<kmipServer dn="sys/kmip-mgmt/kmip-server" adminAction="delete" >
```

```

    </kmipServer>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/kmip-mgmt/kmip-server"
cookie="1478249230/3d18c6f9-4076-1076-8002-e8374190b1d8" response="yes">
  <outConfig>
    <kmipServer id="1" ipAddress="" port="5696" timeout="5"
      adminAction="no-op" dn="sys/kmip-mgmt/kmip-server" status="modified"/>
  </outConfig>
</configConfMo>

```

セキュアなキー管理設定の表示

要求:

```

< <configResolveClass dn="sys/kmip-mgmt"
cookie="1478234140/28bb863a-4073-1073-8002-e8374190b1d8" inHierarchical="false"
classId="kmipManagement">

```

応答 :

```

<configResolveClass dn="sys/kmip-mgmt/"
cookie="1478235085/94b63d5a-4072-1072-8002-e8374190b1d8" response="yes" >
  <outConfig>
    <kmipManagement dn="sys/kmip-mgmt" description="Key Management Interoperability Protocol"

      secureKeyManagement="enabled" serverRootCACertificate="Available"
      clientCertificate="Not Available" clientPrivateKey="Available"
      adminAction="no-op"/>
  </outConfig>
</configResolveClass>

```

ルート CA 証明書のダウンロード (tftp)

要求:

```

<configConfMo dn="sys/kmip-mgmt/kmip-ca-cert-download"
cookie="1478184218/cf931a62-4066-1066-8003-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <downloadRootCACertificate dn="sys/kmip-mgmt/kmip-ca-cert-download"
      protocol="tftp" remoteServer="10.10.10.10"
      remoteFile="/home/ss/cert/RootCA.pem">
    </downloadRootCACertificate>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/kmip-mgmt/kmip-ca-cert-download"
cookie="1478184218/cf931a62-4066-1066-8003-e8374190b1d8" response="yes">
  <outConfig>

```

```

    <downloadRootCACertificate dn="sys/kmip-mgmt/kmip-ca-cert-download"
      protocol="none" remoteServer="" remoteFile="" user="" pwd=""
      downloadStatus="COMPLETED" downloadProgress="100%" status="modified"/>
  </outConfig>
</configConfMo>

```

ルート CA 証明書のエクスポート (scp)

要求:

```

<configConfMo dn="sys/kmip-mgmt/kmip-ca-cert-export"
  cookie="1478189648/3db712b5-4068-1068-8004-e8374190b1d8" inHierarchical="false" >
  <inConfig>
    <exportRootCACertificate dn="sys/kmip-mgmt/kmip-ca-cert-export"
      protocol="scp" remoteServer="10.10.10.10" user="jsmith" pwd="johnpwd1980"
      remoteFile="/home/jsmith/cert/RootCA.pem">
    </exportRootCACertificate>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/kmip-mgmt/kmip-ca-cert-export"
  cookie="1478189648/3db712b5-4068-1068-8004-e8374190b1d8" response="yes">
  <outConfig>
    <exportRootCACertificate dn="sys/kmip-mgmt/kmip-ca-cert-export"
      protocol="none" remoteServer="" remoteFile="" user="" pwd=""
      exportStatus="COMPLETED" exportProgress="100%" status="modified"/>
  </outConfig>
</configConfMo>

```

ルート CA 証明書の削除

要求:

```

<configConfMo dn="sys/kmip-mgmt"
  cookie="1478237721/12423b5d-4073-1073-8002-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <kmipManagement dn="sys/kmip-mgmt"
      adminAction="delete-root-ca-certificate" >
    </kmipManagement>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/kmip-mgmt"
  cookie="1478237721/12423b5d-4073-1073-8002-e8374190b1d8" response="yes">
  <outConfig>
    <kmipManagement dn="sys/kmip-mgmt"
      description="Key Management Interoperability Protocol"
      secureKeyManagement="enabled" serverRootCACertificate="Not Available"
      clientCertificate="Not Available" clientPrivateKey="Not Available"
      adminAction="no-op" status="modified"/>
  </outConfig>

```



```
</configConfMo>
```

KMIP サーバとの接続のテスト

要求:

```
<configConfMo dn="sys/kmip-mgmt/kmip-server"
cookie="1478249230/3d18c6f9-4076-1076-8002-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <kmipServer dn="sys/kmip-mgmt/kmip-server" adminAction="test-connection" >
      </kmipServer>
    </inConfig>
  </configConfMo>
```

応答:

```
<configConfMo dn="sys/kmip-mgmt/kmip-server"
cookie="1478249230/3d18c6f9-4076-1076-8002-e8374190b1d8" response="yes">
  <outConfig>
    <kmipServer id="1" ipAddress="10.10.10.10" port="5696"
      timeout="5" adminAction="no-op" dn="sys/kmip-mgmt/kmip-server"
      status="modified"/>
    </outConfig>
  </configConfMo>
```

クライアント秘密キーのダウンロード

要求:

```
<configConfMo dn="sys/kmip-mgmt/kmip-private-key-download"
cookie="1478184218/cf931a62-4066-1066-8003-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <downloadClientPrivateKey dn="sys/kmip-mgmt/kmip-private-key-download"
      protocol="scp" remoteServer="10.10.10.10" user="jsmith" pwd="pwd1234"
      remoteFile="/home/ss/cert/client_private.pem">
    </downloadClientPrivateKey>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/kmip-mgmt/kmip-private-key-download"
cookie="1478184218/cf931a62-4066-1066-8003-e8374190b1d8" response="yes">
  <outConfig>
    <downloadClientPrivateKey dn="sys/kmip-mgmt/kmip-private-key-download"
      protocol="none" remoteServer="" remoteFile="" user="" pwd=""
      downloadStatus="COMPLETED" downloadProgress="100%" status="modified"/>
    </outConfig>
  </configConfMo>
```

クライアント秘密キーのエクスポート

要求:

```
<configConfMo dn="sys/kmip-mgmt/kmip-private-key-export"
cookie="1478247863/eb2fa9cd-4075-1075-8002-e8374190b1d8" inHierarchical="false" >
<inConfig>
  <exportClientPrivateKey dn="sys/kmip-mgmt/kmip-private-key-export"
    protocol="scp" remoteServer="10.10.10.10" user="jsmith" pwd="Johnpwd1982"
    remoteFile="/home/ss/cert/KMIP/Client-Pvt-Key.pem">
  </exportClientPrivateKey>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/kmip-mgmt/kmip-private-key-export"
cookie="1478247863/eb2fa9cd-4075-1075-8002-e8374190b1d8" response="yes">
<outConfig>
  <exportClientPrivateKey dn="sys/kmip-mgmt/kmip-private-key-export"
    protocol="none" remoteServer="" remoteFile="" user="" pwd=""
    exportStatus="COMPLETED" exportProgress="100%" status="modified"/>
</outConfig>
</configConfMo>
```

クライアント秘密キーの削除

要求:

```
<configConfMo dn="sys/kmip-mgmt"
cookie="1478236687/46db1685-4073-1073-8003-e8374190b1d8" inHierarchical="false" >
<inConfig>
  <kmipManagement dn="sys/kmip-mgmt" adminAction="delete-client-private-key" >
</kmipManagement>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/kmip-mgmt"
cookie="1478236687/46db1685-4073-1073-8003-e8374190b1d8" response="yes">
<outConfig>
  <kmipManagement dn="sys/kmip-mgmt"
    description="Key Management Interoperability Protocol"
    secureKeyManagement="enabled" serverRootCACertificate="Not Available"
    clientCertificate="Not Available" clientPrivateKey="Not Available"
    adminAction="no-op" status="modified"/>
</outConfig>
</configConfMo>
```

クライアント証明書のダウンロード

要求 :

```
<configConfMo dn="sys/kmip-mgmt/kmip-client-cert-download"
cookie="1478184218/cf931a62-4066-1066-8003-e8374190b1d8" inHierarchical="false" >
<inConfig>
  <downloadClientCertificate dn="sys/kmip-mgmt/kmip-client-cert-download">
```

```

    protocol="scp" remoteServer="10.10.10.10" user="jsmith" pwd="Johnpwd1982"
    remoteFile="/home/ss/cert/Client_cert.pem">
  </downloadClientCertificate>
</inConfig>
</configConfMo>

```

```

<configConfMo dn="sys/kmip-mgmt/kmip-client-cert-download"
cookie="1478184218/cf931a62-4066-1066-8003-e8374190b1d8" response="yes">
  <outConfig>
    <downloadClientCertificate dn="sys/kmip-mgmt/kmip-client-cert-download"
      protocol="none" remoteServer="" remoteFile="" user="" pwd=""
      downloadStatus="COMPLETED" downloadProgress="100%" status="modified"/>
  </outConfig>
</configConfMo>

```

クライアント証明書のエクスポート

要求:

```

<configConfMo dn="sys/kmip-mgmt/kmip-client-cert-export"
cookie="1478187971/13b8e805-4068-1068-8003-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <exportClientCertificate dn="sys//rack-unit-1/kmip-mgmt/kmip-client-cert-export"
      protocol="scp" remoteServer="10.10.10.10" user="jsmith" pwd="Johnpwd1982"
      remoteFile="/home/ss/cert/KMIP/ClientCert.pem">
    </exportClientCertificate>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/kmip-mgmt/kmip-client-cert-export"
cookie="1478247863/eb2fa9cd-4075-1075-8002-e8374190b1d8" response="yes">
  <outConfig>
    <exportClientCertificate dn="sys/kmip-mgmt/kmip-client-cert-export"
      protocol="none" remoteServer="" remoteFile="" user="" pwd=""
      exportStatus="COMPLETED" exportProgress="100%" status="modified"/>
  </outConfig>
</configConfMo>

```

クライアント証明書の削除

要求:

```

<configConfMo dn="sys/kmip-mgmt"
cookie="1478237721/12423b5d-4073-1073-8002-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <kmipManagement dn="sys/kmip-mgmt" adminAction="delete-client-certificate" >
    </kmipManagement>
  </inConfig>
</configConfMo>

```

応答:

```
<configConfMo dn="sys/kmip-mgmt"
cookie="1478237721/12423b5d-4073-1073-8002-e8374190b1d8" response="yes">
  <outConfig>
    <kmipManagement dn="sys/kmip-mgmt" description="Key Management Interoperability
Protocol"
      secureKeyManagement="enabled" serverRootCACertificate="Not Available"
      clientCertificate="Not Available" clientPrivateKey="Not Available" adminAction="no-op"
      status="modified"/>
    </outConfig>
  </configConfMo>
```

KMIP サーバ ログインの詳細の削除

要求:

```
<configConfMo dn="sys/kmip-mgmt/kmip-login"
cookie="1478254180/02b1c8b1-4077-1077-8003-e8374190b1d8" inHierarchical="false" >
  <inConfig>
    <kmipServerLogin dn="sys/kmip-mgmt/kmip-login" adminAction="clear">
    </kmipServerLogin>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/kmip-mgmt/kmip-login"
cookie="1478254180/02b1c8b1-4077-1077-8003-e8374190b1d8" response="yes">
  <outConfig>
    <kmipServerLogin dn="sys/kmip-mgmt/kmip-login"
      accountStatus="disabled" name="" pwd="" adminAction="no-op" status="modified"/>
    </outConfig>
  </configConfMo>
```

自己暗号化ドライブの外部設定のロック解除

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt'
cookie='1480557066/0583da3f-4290-1290-8021-127a1e1b0ff4' inHierarchical='false'>
  <inConfig>
    <selfEncryptStorageController
dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt'
      adminAction='unlock-secured-drives' />
    </inConfig>
  </configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1480557066/0583da3f-4290-1290-8021-127a1e1b0ff4" response="yes">
  <outConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
      keyId="UCSC-MRAID12G_SV53647770_1fd23aac" securityKey="Security key"
    </selfEncryptStorageController>
  </outConfig>
</configConfMo>
```

```

    existingSecurityKey="Existing security key" keyManagement=""
    adminAction="no-op" status="modified" >
  </selfEncryptStorageController>
</outConfig>
</configConfMo>

```

自己暗号化ドライブの外部設定のインポート

要求:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'
cookie='1480557066/0583da3f-4290-1290-8021-127a1e1b0ff4' inHierarchical='false'>
  <inConfig>
    <storageController dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'
      adminAction='import-foreign-config'/>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn='sys/rack-unit-1/board/storage-SAS-SLOT-HBA'
cookie="1480557500/2d74a062-428f-128f-8022-127a1e1b0ff4" response="yes" >
  <outConfig>
    <storageController id="SLOT-HBA" model="Cisco 12G SAS Modular Raid Controller"
      pciSlot="SLOT-HBA" presence="equipped" raidSupport="yes" serial="SV53647770"
      type="SAS" vendor="LSI Logic" selfEncryptEnabled="yes" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA" >
    </storageController>
  </outConfig>
</configConfMo>

```

ローカルおよび KMIP としてのキー管理が無効の自己暗号化ドライブの有効化

要求:

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478342437/3c993fcb-408c-108c-8002-e8374190b1d8" inHierarchical="false" >
  <inConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
      keyId="test123" securityKey="test123" adminAction="enable-self-encrypt"
      keyManagement="local">
    </selfEncryptStorageController>
  </inConfig>
</configConfMo>

```

応答:

設定には時間がかかるため、空の応答が表示されます。

```

<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478342437/3c993fcb-408c-108c-8002-e8374190b1d8" response="yes">
  <outConfig>
  </outConfig>

```

```
</configConfMo>
```

設定が完了した後は、次の要求を送信します。

```
<configResolveClass
cookie="1490834627/deled316-4be8-1be8-92d4-20be7d8bf200" inHierarchical="false"
classId="selfEncryptStorageController"/>
```

次の応答が表示されます。

```
<configResolveClass
cookie="1490834627/deled316-4be8-1be8-92d4-20be7d8bf200" response="yes"
classId="selfEncryptStorageController">
  <outConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
keyId="testkeyid" securityKey="Security key" existingSecurityKey="Existing security
key"
keyManagement="" adminAction="no-op" >
    </selfEncryptStorageController>
  </outConfig>
</configResolveClass>
```

リモートおよび KMIP としてのキー管理が有効の自己暗号化ドライブの有効化

要求:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478340466/cde62027-408b-108b-8002-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
adminAction="enable-self-encrypt" keyManagement="remote"
    </selfEncryptStorageController>
  </inConfig>
</configConfMo>
```

応答:

設定には時間がかかるため、空の応答が表示されます。

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478340466/cde62027-408b-108b-8002-e8374190b1d8" response="yes">
  <outConfig>
  </outConfig>
</configConfMo>
```

設定が完了した後は、次の要求を送信します。

```
<configResolveClass
cookie="1490834627/deled316-4be8-1be8-92d4-20be7d8bf200" inHierarchical="false"
classId="selfEncryptStorageController"/>
```

次の応答が表示されます。

```
<configResolveClass
cookie="1490834627/deled316-4be8-1be8-92d4-20be7d8bf200" response="yes"
classId="selfEncryptStorageController">
  <outConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
keyId="testkeyid" securityKey="Security key" existingSecurityKey="Existing security
key"
keyManagement="" adminAction="no-op" >
  </selfEncryptStorageController>
</outConfig>
</configResolveClass>
```

既存のセキュリティ キーでのローカルからリモートへのキー管理の切り替え

要求:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478343933/7da81dea-408c-108c-8002-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
  adminAction="switch-local-to-remote" keyManagement="remote"
  existingSecurityKey="test123">
    </selfEncryptStorageController>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478343933/7da81dea-408c-108c-8002-e8374190b1d8" response="yes">
  <outConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
keyId="UCSC-MRAID12G_SV52731947_1fb07b15" securityKey="Security key"
existingSecurityKey="Existing security key" keyManagement=""
adminAction="no-op" status="modified"/>
  </outConfig>
</configConfMo>
```

キー ID とセキュリティ キーでのリモートからローカルへのキー管理の切り替え

要求:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478343933/7da81dea-408c-108c-8002-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
  adminAction="switch-remote-to-local" keyManagement="local"
  keyId="test1234" securityKey="test1234">
    </selfEncryptStorageController>
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478343933/7da81dea-408c-108c-8002-e8374190b1d8" response="yes">
  <outConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
keyId="test1234" securityKey="Security key" existingSecurityKey="Existing security
key"
keyManagement="" adminAction="no-op" status="modified"/>
  </outConfig>
</configConfMo>
```

キー管理がローカルの場合のセキュリティが有効になっているドライブの無効化

要求:

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478342437/3c993fcb-408c-108c-8002-e8374190b1d8" inHierarchical="false">
  <inConfig>
    <selfEncryptStorageController
dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
adminAction="disable-self-encrypt" >
  </selfEncryptStorageController>
  </inConfig>
</configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/board/storage-SAS-SLOT-HBA/ctr-self-encrypt"
cookie="1478342437/3c993fcb-408c-108c-8002-e8374190b1d8" response="yes">
  <outConfig>
  </outConfig>
</configConfMo>
```

共通サーバ管理タスクの例（続き）

このセクションの例は、Cisco IMC XML API を使用して共通サーバ管理タスクを実行する方法を示します。各例は、XML API 要求に続いて Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

- [ファストブート トークンの設定（209 ページ）](#)
- [14xx VIC アダプタの MultiQueue の設定（209 ページ）](#)
- [EFI Shell オプションの設定（210 ページ）](#)
- [デバイス コネクタ \(DC\) の更新（210 ページ）](#)
- [単一 IP プロパティの設定とポートの開始（213 ページ）](#)

ファストブートトークンの設定

要求:

```
curl -k -N -d "<configConfMo cookie='1538744526/72a14829-777b-177b-8003-c8571c735d00'
inHierarchical='false' dn='sys/rack-unit-1/bios/bios-settings/Cisco-Opromlaunch-Optimize'>
<inConfig><biosVfCiscoOpromLaunchOptimization
dn='sys/rack-unit-1/bios/bios-settings/Cisco-Opromlaunch-Optimize'
vpCiscoOpromLaunchOptimization='enabled'/></inConfig></configConfMo>"
https://10.10.10.10/nuova | xmllint -schema RACK-OUT.xsd -
```

応答:

```
<configConfMo dn="sys/rack-unit-1/bios/bios-settings/Cisco-Opromlaunch-Optimize"
cookie="1538744526/72a14829-777b-177b-8003-c8571c735d00"
response="yes">
<outConfig>
<biosVfCiscoOpromLaunchOptimization
dn="sys/rack-unit-1/bios/bios-settings/Cisco-Opromlaunch-Optimize"
vpCiscoOpromLaunchOptimization="Enabled" status="modified"/></outConfig>
</configConfMo>
```

14xx VIC アダプタの MultiQueue の設定

S シリーズの場合

要求:

```
curl -k -d "<configConfMo cookie='1538482028/a18ec421-3e77-173e-8003-6ca87fa59038'
dn='sys/chassis-1/server-1/adaptor-SIOCl/host-eth-eth1/general'>
<inConfig> <adaptorEthGenProfile
dn='sys/chassis-1/server-1/adaptor-SIOCl/host-eth-eth1/general'
vmq='enabled' multiQueue='enabled'> </adaptorEthGenProfile> </inConfig> </configConfMo>"
https://10.10.10.10/nuova
```

応答:

```
<configConfMo dn="sys/chassis-1/server-1/adaptor-SIOCl/host-eth-eth1/general"
cookie="1538482028/a18ec421-3e77-173e-8003-6ca87fa59038"
response="yes">
<outConfig>
<adaptorEthGenProfile dn="sys/chassis-1/server-1/adaptor-SIOCl/host-eth-eth1/general"
vmq="enabled" multiQueue="enabled" arfs="disabled" uplinkFailover="N/A"
uplinkFailbackTimeout="N/A"
order="1" trustedClassOfService="disabled" rateLimit="OFF" vlan="NONE" vlanMode="TRUNK"
pciLink="0" nvgre="disabled" vxlan="disabled"
status="modified" ></adaptorEthGenProfile></outConfig>
</configConfMo>
```

C シリーズの場合

要求:

```
curl -k -d "<configConfMo cookie='1538547165/c90fcd7-774d-174d-8002-ce1460e81a02'
dn='sys/rack-unit-1/adaptor-2/host-eth-eth1/general'> <inConfig> <adaptorEthGenProfile
dn='sys/rack-unit-1/adaptor-2/host-eth-eth1/general' vmq='enabled' multiQueue='enabled'>
</adaptorEthGenProfile>
```

```
</inConfig> </configConfMo>"
https://10.10.10.10/nuova | xmllint -schema RACK-OUT-janus.xsd -
```

応答:

```
<?xml version="1.0"?>
<configConfMo dn="sys/rack-unit-1/adaptor-2/host-eth-eth1/general"
cookie="1538547165/c90fced7-774d-174d-8002-ce1460e81a02" response="yes">
<outConfig>
<adaptorEthGenProfile dn="sys/rack-unit-1/adaptor-2/host-eth-eth1/general"
vmq="enabled" multiQueue="enabled" arfs="disabled" uplinkFailover="N/A"
uplinkFailbackTimeout="N/A"
order="1" trustedClassOfService="disabled" rateLimit="OFF" vlan="NONE" vlanMode="TRUNK"
pciLink="0" nvgre="disabled" vxlan="disabled"
status="modified"/></outConfig>
</configConfMo>
- validates
```

EFI Shell オプションの設定

要求:

```
<configConfMo cookie='1535509137/a97fdef4-7489-1489-814d-e29a5b735d00'
inHierarchical='false'
dn='sys/rack-unit-1/boot-precision/hdd-xmltest1'><inConfig><lsbootHdd
dn='sys/rack-unit-1/boot-precision/hdd-xmltest1' type='LOCALHDD' slot='RAID'
name='xmltest1' state='Enabled'
boot-loader-name='BOOTX64.EFI' boot-loader-path='\EFI\BOOT\'
boot-loader-descr='EFIBOOT'/></inConfig></configConfMo>"
https://10.10.10.10/nuova
```

応答:

```
<configConfMo dn="sys/rack-unit-1/boot-precision/hdd-xmltest1"
cookie="1535509137/a97fdef4-7489-1489-814d-e29a5b735d00"
response="yes"><outConfig><lsbootHdd name="xmltest1" type="LOCALHDD" slot="RAID"
order="1" state="Enabled" boot-loader-name="BOOTX64.EFI" boot-loader-path="\EFI\BOOT\"
boot-loader-descr="EFIBOOT"
dn="sys/rack-unit-1/boot-precision/hdd-xmltest1"
status="modified" ></lsbootHdd> </outConfig></configConfMo>
```

デバイス コネクタ (DC) の更新

DC イメージを更新するための XML API クエリ

要求:

```
<configConfMo cookie="1536659363/827d72d2-7595-1595-8002-6253e2caa600"
dn="sys/device-connector/mgmt/fw-updatable">
<inConfig>
<firmwareUpdatable adminState="trigger"
dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable" protocol="scp"
remoteServer="10.10.10.10"
remotePath="/tftpboot/ucsc-m5-cimc-cloud-connector-1.0.9-328.bin" user="" pwd=""
type="device-connector"/>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/device-connector/mgmt/fw-updatable"
cookie="1536659363/827d72d2-7595-1595-8002-6253e2caa600"
response="yes">
  <outConfig>
    <firmwareUpdatable dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable"
description="Cisco Device Connector firmware"
adminState="triggered" deployment="primary" operState="updating" version=""
protocol="none" remoteServer="" remotePath="" user=""
pwd="" progress="5" type="device-connector" status="modified"/>
  </outConfig>
</configConfMo>
```

デバイス コネクタのアップグレード

リクエスト

```
curl -k -d "<configConfMo cookie='1542698731/9bbf476b-7b13-1b13-8003-a256cbf9ba78'
dn='sys/cloud-mgmt/device-connector/mgmt/fw-updatable'
inHierarchical='true'><inConfig><firmwareUpdatable adminState='trigger'
dn='sys/cloud-mgmt/device-connector/mgmt/fw-updatable' protocol='tftp'
remoteServer='10.10.10.10' remotePath='c240-m4-cimc.4.0.2S14-cloud-connector.bin'
user='' pwd='' type='device-connector' /> </inConfig></configConfMo">
https://10.10.10.10/nuova
```

レスポンス

```
<configConfMo dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable"
cookie="1542698731/9bbf476b-7b13-1b13-8003-a256cbf9ba78" response="yes">
<outConfig>
<firmwareUpdatable dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable"
description="Cisco Device Connector firmware"
adminState="triggered" deployment="primary" operState="updating" version="NA"
protocol="none"
remoteServer="" remotePath="" user="" pwd="" progress="5" type="device-connector"
status="modified" ></firmwareUpdatable></outConfig>
</configConfMo>
```

デバイス コネクタのダウングレード

リクエスト

```
curl -k -d "<configConfMo cookie='1542695757/1a8febb6-7b13-1b13-8004-9102c05a6970'
dn='sys/cloud-mgmt/device-connector/mgmt/fw-updatable'
inHierarchical='true'><inConfig><firmwareUpdatable adminState='trigger'
dn='sys/cloud-mgmt/device-connector/mgmt/fw-updatable' protocol='tftp'
remoteServer='10.10.10.10' remotePath='c240-m5-cimc.4.0.2S12-cloud-connector.bin'
user='' pwd='' type='device-connector' /> </inConfig></configConfMo">
https://10.10.10.10/nuova
```

レスポンス

```
<configConfMo dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable"
cookie="1542695757/1a8febb6-7b13-1b13-8004-9102c05a6970" response="yes">
<outConfig>
<firmwareUpdatable dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable"
description="Cisco Device Connector firmware" adminState="triggered" deployment="primary"
operState="ready" version="NA" protocol="none" remoteServer="" remotePath="" user=""
pwd=""
progress="Success" type="device-connector" status="modified"
></firmwareUpdatable></outConfig>
```

```
></firmwareUpdatable></outConfig>
</configConfMo>
```

tftp プロトコルの使用

ここでは、tftp プロトコルを使用する XML API の例を示します。同じの例では、scp、sftp、ftp、http プロトコルに対して有効です。

要求:

```
<configConfMo cookie="1536659363/827d72d2-7595-1595-8002-6253e2caa600"
dn="sys/device-connector/mgmt/fw-updatable">
  <inConfig>
    <firmwareUpdatable adminState="trigger"
dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable" protocol="tftp"
  remoteServer="10.10.10.10" remotePath="ucsc-m5-cimc-cloud-connector-1.0.9-321.bin"
  type="device-connector"/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/device-connector/mgmt/fw-updatable"
cookie="1536659363/827d72d2-7595-1595-8002-6253e2caa600" response="yes">
  <outConfig>
    <firmwareUpdatable dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable"
description="Cisco Device Connector firmware" adminState="triggered"
  deployment="primary" operState="updating" version="" protocol="none" remoteServer=""
  remotePath="" user="" pwd="" progress="5"
  type="device-connector" status="modified"/>
  </outConfig></configConfMo>
```

更新のステータスの取得

要求:

```
<configResolveDn cookie="1536659363/827d72d2-7595-1595-8002-6253e2caa600"
inHierarchical="true" dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable"/>
```

応答:

```
<configResolveDn cookie="1536659363/827d72d2-7595-1595-8002-6253e2caa600"
response="yes" dn="sys/cloud-mgmt/device-connector/mgmt/fw-updatable">
  <outConfig>
    <firmwareUpdatable dn="sys/device-connector/mgmt/fw-updatable" description="Cisco
Device Connector firmware"
  adminState="triggered" deployment="primary" operState="ready" version=""
protocol="none" remoteServer="" remotePath="" user=""
  pwd="" progress="Success" type="device-connector"/>
  </outConfig>
</configResolveDn>
```

DC バージョンの取得

要求:

```
<configResolveDn cookie="1536659363/827d72d2-7595-1595-8002-6253e2caa600"
inHierarchical="true" dn="sys/cloud-mgmt/device-connector/mgmt/fw-system"/>
```

応答:

```
<configResolveDn cookie="1536659363/827d72d2-7595-1595-8002-6253e2caa600" response="yes"
dn="sys/device-connector/mgmt/fw-system">
  <outConfig>
    <firmwareRunning dn="sys/cloud-mgmt/device-connector/mgmt/fw-system"
description="Cisco Device Connector currently running firmware version"
deployment="system"
type="device-connector" version="1.0.9-321"/>
  </outConfig>
</configResolveDn>
```

単一 IP プロパティの設定とポートの開始

要求:

```
<configConfMo cookie="1531872275/fb411afd-3a71-113a-8002-3f9f77e2cff4"
dn="sys/chassis-1/if-1" inHierarchical="false">
  <inConfig>
    <mgmtIf dn="sys/chassis-1/if-1" singleIPEnable="yes" startingPort="10000"
/>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/chassis-1/if-1"
cookie="1531872275/fb411afd-3a71-113a-8002-3f9f77e2cff4" response="yes">
<outConfig>
<mgmtIf dn="sys/chassis-1/if-1" description="Virtual Management Interface Network Settings"
id="1" extEnabled="yes" extIp="10.10.10.10" v4IPAddrCmc1="" v4IPAddrCmc2="" v4IPAddrBmc1=""
v4IPAddrBmc2=""
extMask="255.255.255.0" extGw="10.10.10.10" ifType="virtual" mac="F4:CF:E2:77:9F:3F"
vHostname="colusa8-single-ip"
dhcpEnable="yes" dnsUsingDhcp="no" ddnsEnable="no" ddnsDomain="" ddnsRefreshInterval="0"
dnsPreferred="10.10.10.10"
dnsAlternate="10.10.10.10" nicMode="dedicated" vicSlot="1" nicRedundancy="none"
vlanEnable="no" vlanId="1"
vlanPriority="0" portProfile="" v6extEnabled="no" v6extIp="::" v6extGw="::" v6prefix="64"

v6linkLocal="::" v6SlaacIp="::" v6dhcpEnable="no" v6dnsUsingDhcp="no"
v6dnsPreferred="::" v6dnsAlternate="::" v6IPAddrCmc1="::" v6IPAddrCmc2="::"
v6IPAddrBmc1="::" v6IPAddrBmc2="::"
autoNeg="enabled" adminNetSpeed="auto" adminDuplex="auto" operNetSpeed="1Gbps"
operDuplex="full" subject="virtual"
singleIPEnable="yes" startingPort="10000" status="modified"/></outConfig>
</configConfMo>
```

永続メモリ モジュール XML API の例

ここでは、Cisco IMC XML API を使用して永続メモリ モジュールのタスクを実行する例を記載します。各例は、XML API 要求に続き、Cisco IMC からの応答を示しています。

ここでは、次の設定例について説明します。

- [永続メモリ ユニット インベントリの詳細の表示 \(214 ページ\)](#)

- 永続メモリ設定の詳細の表示 (215 ページ)
- 永続メモリ領域の詳細の表示 (215 ページ)
- 永続メモリの名前スペースの詳細の表示 (216 ページ)
- 永続メモリの構成結果の表示 (216 ページ)
- 永続メモリの名前スペースの構成結果の表示 (217 ページ)
- 永続メモリの論理設定の表示 (217 ページ)
- 永続メモリの目標の表示 (217 ページ)
- 永続メモリの論理名前スペースの表示 (217 ページ)
- 永続メモリの目標の設定 (218 ページ)
- 保留中の目標の変更 (218 ページ)
- ゴールの削除 (219 ページ)
- 名前スペースの設定 (219 ページ)
- 保留中の名前スペースの変更 (220 ページ)
- 名前スペースの削除 (220 ページ)
- 目標と名前スペースの設定 (221 ページ)
- セキュリティの有効化の設定 (221 ページ)
- セキュリティの無効化の設定 (222 ページ)
- セキュアなパズフレーズの変更 (222 ページ)
- DIMM のロック解除 (223 ページ)
- 安全な消去の設定 (223 ページ)
- 永続メモリの工場出荷時のデフォルトへのリセット (224 ページ)
- 永続メモリ設定のエクスポート (224 ページ)
- 永続メモリ設定のインポート (225 ページ)
- ホスト管理モードの設定 (225 ページ)
- Cisco IMC 管理モードの設定 (226 ページ)

永続メモリ ユニット インベントリの詳細の表示

要求:

```
<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970"
inHierarchical="false" classId="memoryPersistentMemoryUnit"/>
```

応答:

```

<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970" response="yes"
classId="memoryPersistentMemoryUnit">
  <outConfigs>
    <memoryPersistentMemoryUnit array="1" location="DIMM_A2" capacity="128704" clock="2666"
      formFactor="DIMM"
      id="2" model="8089A217470000C66 " operState="operable" operability="operable"
      presence="equipped"
      serial="00000C66" type="Logical non-volatile device" vendor="0x8900" visibility="yes"
      width="64"
      memoryTypeDetail="Synchronous Non-volatile " bankLocator="NODE 0 CHANNEL 0 DIMM 1"
      socketId="1"
      uid="8089-A2-1747-00000C66" totalCapacity="126" persistentMemoryCapacity="96"
      memoryCapacity="29"
      appDirectCapacity="96" reservedCapacity="0" firmwareVersion="1.0.0.4351"
      healthState="Healthy"
      socketLocalDimmNumber="2" securityStatus=" Enabled, UnLocked, Frozen, Count not expired
      "
      lastSecurityOperStatus="No Error" dn="sys/rack-unit-1/board/memarray-1/pmem-2"/>
    <memoryPersistentMemoryUnit array="1" location="DIMM_D2" capacity="128704" clock="2666"
      formFactor="DIMM"
      id="8" model="8089A217470000A63 " operState="operable" operability="operable"
      presence="equipped"
      serial="00000A63" type="Logical non-volatile device" vendor="0x8900" visibility="yes"
      width="64"
      memoryTypeDetail="Synchronous Non-volatile " bankLocator="NODE 0 CHANNEL 3 DIMM 1"
      socketId="1"
      uid="8089-A2-1747-00000A63" totalCapacity="126" persistentMemoryCapacity="96"
      memoryCapacity="29" appDirectCapacity="96" reservedCapacity="0"
      firmwareVersion="1.0.0.4351"
      healthState="Healthy" socketLocalDimmNumber="8"
      securityStatus=" Enabled, UnLocked, Frozen, Count not expired " lastSecurityOperStatus="No
      Error"
      dn="sys/rack-unit-1/board/memarray-1/pmem-8"/>
  </outConfigs>
</configResolveClass>

```

永続メモリ設定の詳細の表示

要求:

```

<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970"
inHierarchical="false" classId="memoryPersistentMemoryConfiguration"/>

```

応答:

```

<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970"
response="yes" classId="memoryPersistentMemoryConfiguration">
  <outConfigs>
    <memoryPersistentMemoryConfiguration dn="sys/rack-unit-1/board/pmemory-config"
      configState="Configured"
      totalCapacity="503" persistentMemoryCapacity="384" memoryCapacity="116"
      reservedCapacity="0" numOfRegions="4"
      numOfDimms="4" securityState="Unlocked-Frozen"/>
  </outConfigs>
</configResolveClass>

```

永続メモリ領域の詳細の表示

要求:

```

<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970"
inHierarchical="false" classId="memoryPersistentMemoryRegion"/>

```

応答：

```
<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970" response="yes"
classId="memoryPersistentMemoryRegion">
  <outConfigs>
    <memoryPersistentMemoryRegion id="1" socketLocalDimmNumber="2" socketId="1"
interleavedSetId="7c4bda90ad238a22"
persistentMemoryType="AppDirectNonInterleaved" healthState="Healthy" totalCapacity="96"
freeCapacity="86"
dimmlocatorIds="DIMM_A2" dn="sys/rack-unit-1/board/pmemory-config/region-1"/>
    <memoryPersistentMemoryRegion id="2" socketLocalDimmNumber="8" socketId="1"
interleavedSetId="5e37da90aa218a22" persistentMemoryType="AppDirectNonInterleaved"
healthState="Healthy"
totalCapacity="96" freeCapacity="96" dimmlocatorIds="DIMM_D2"
dn="sys/rack-unit-1/board/pmemory-config/region-2"/>
    <memoryPersistentMemoryRegion id="3" socketLocalDimmNumber="2" socketId="2"
interleavedSetId="8105da90941c8a22" persistentMemoryType="AppDirectNonInterleaved"
healthState="Healthy" totalCapacity="96" freeCapacity="96" dimmlocatorIds="DIMM_G2"
dn="sys/rack-unit-1/board/pmemory-config/region-3"/>
    <memoryPersistentMemoryRegion id="4" socketLocalDimmNumber="8"
socketId="2" interleavedSetId="d641da9036228a22"
persistentMemoryType="AppDirectNonInterleaved"
healthState="Healthy" totalCapacity="96" freeCapacity="96" dimmlocatorIds="DIMM_K2"
dn="sys/rack-unit-1/board/pmemory-config/region-4"/>
  </outConfigs>
</configResolveClass>
```

永続メモリの名前スペースの詳細の表示

要求:

```
<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970"
inHierarchical="false" classId="memoryPersistentMemoryNamespace"/>
```

応答：

```
<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970"
response="yes" classId="memoryPersistentMemoryNamespace">
  <outConfigs>
    <memoryPersistentMemoryNamespace name="TEST-91" operMode="raw"
capacity="10" labelVersion="1.2" uuid="894806e0-ecab-468d-8da4-5f74e6d2a7cb"
healthState="Healthy"
dn="sys/rack-unit-1/board/pmemory-config/region-1/ns-894806e0-ecab-468d-8da4-5f74e6d2a7cb"/>
  </outConfigs>
</configResolveClass>
```

永続メモリの構成結果の表示

要求:

```
<configResolveClass cookie="1551864178/d8c72c79-8369-1369-8002-943e485a6970"
inHierarchical="false" classId="memoryPersistentMemoryConfigResult"/>
```

応答：

```
<configResolveClass cookie="1551864178/d8c72c79-8369-1369-8002-943e485a6970"
response="yes" classId="memoryPersistentMemoryConfigResult">
  <outConfigs>
    <memoryPersistentMemoryConfigResult
dn="sys/rack-unit-1/board/pmemory-config/cfg-result"
configState="Configured" configResult="NotApplicable" configError="Success"/>
  </outConfigs>
</configResolveClass>
```



```
</outConfigs>  
</configResolveClass>
```

永続メモリの名前スペースの構成結果の表示

要求:

```
<configResolveClass cookie="1551335940/65142995-82ef-12ef-8002-d8e6ed6a0f70"  
inHierarchical="false" classId="memoryPersistentMemoryNamespaceConfigResult"/>
```

応答:

```
<configResolveClass cookie="1551335940/65142995-82ef-12ef-8002-d8e6ed6a0f70"  
response="yes" classId="memoryPersistentMemoryNamespaceConfigResult">  
  <outConfigs>  
    <memoryPersistentMemoryNamespaceConfigResult name=" TEST-91" socketId="1"  
socketLocalDimmNumber="4" configStatus="Success"  
dn="sys/rack-unit-1/board/pmemory-config/cfg-result/nscr-NSS-1"/>  
  </outConfigs>  
</configResolveClass>
```

永続メモリの論理設定の表示

要求:

```
<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970"  
inHierarchical="false" classId="memoryPersistentMemoryLogicalConfiguration"/>
```

応答:

```
<configResolveClass cookie="1553603882/d1f622a3-84fe-14fe-8002-943e485a6970" response="yes"  
classId="memoryPersistentMemoryLogicalConfiguration">  
  <outConfigs>  
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"  
rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"/>  
  </outConfigs>  
</configResolveClass>
```

永続メモリの目標の表示

要求:

```
<configResolveClass cookie="1551867321/750375cb-836a-136a-8002-943e485a6970"  
inHierarchical="false" classId="memoryPersistentMemoryGoal"/>
```

応答:

```
<configResolveClass cookie="1551867321/750375cb-836a-136a-8002-943e485a6970"  
response="yes" classId="memoryPersistentMemoryGoal">  
  <outConfigs>  
    <memoryPersistentMemoryGoal socketId="ALL" memoryModePercentage="70"  
persistentMemoryType="app-direct-non-interleaved"  
dn="sys/rack-unit-1/board/pmemory-lconfig/goal-ALL"/>  
  </outConfigs>  
</configResolveClass>
```

永続メモリの論理名前スペースの表示

要求:

```
<configResolveClass cookie="1553667047/a46f89ac-850d-150d-8004-943e485a6970"
inHierarchical="false" classId="memoryPersistentMemoryLogicalNamespace"/>
```

応答 :

```
<configResolveClass cookie="1553667047/a46f89ac-850d-150d-8004-943e485a6970" response="yes"
classId="memoryPersistentMemoryLogicalNamespace">
  <outConfigs>
    <memoryPersistentMemoryLogicalNamespace socketId="1" socketLocalDimmNumber="2"
name="ns2" capacity="5"
mode="raw" dn="sys/rack-unit-1/board/pmemory-lconfig/lms-ns2"/>
    <memoryPersistentMemoryLogicalNamespace socketId="1" socketLocalDimmNumber="2"
name="ns1" capacity="5"
mode="raw" dn="sys/rack-unit-1/board/pmemory-lconfig/lms-ns1"/>
  </outConfigs>
</configResolveClass>
```

永続メモリの目標の設定

要求:

```
<configConfMo cookie="1553659537/970809a2-850b-150b-8002-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="yes">
      <memoryPersistentMemoryGoal dn="sys/rack-unit-1/board/pmemory-lconfig/goal-ALL"
rn="goal-ALL" socketId="ALL" memoryModePercentage="50"
persistentMemoryType="app-direct"/>
    </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553659537/970809a2-850b-150b-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="no"
adminAction="no-op" mgmtMode="imc-managed" status="modified"/>
  </outConfig>
</configConfMo>
```

保留中の目標の変更

要求:

```
<configConfMo cookie="1553664656/92a5bb89-850d-150d-8003-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="yes" mgmtMode="imc-managed">
      <memoryPersistentMemoryGoal dn="sys/rack-unit-1/board/pmemory-lconfig/goal-ALL"
memoryModePercentage="70" persistentMemoryType="app-direct" status="modified"/>
    </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答 :

```

<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>

```

ゴールの削除

要求:

```

<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="yes">
    <memoryPersistentMemoryGoal dn="sys/rack-unit-1/board/pmemory-lconfig/goal-ALL"
socketId="ALL"
status="deleted"/>
    </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>

```

名前スペースの設定

要求:

```

<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="yes">
    <memoryPersistentMemoryLogicalNamespace
dn="sys/rack-unit-1/board/pmemory-lconfig/lms-ns1" rn="lms-ns1" name="ns1" socketId="1"

socketLocalDimmNumber="2" mode="raw" capacity="25"/>
    </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="no"

```

```
adminAction="no-op" mgmtMode="imc-managed" status="modified"/>
</outConfig>
</configConfMo>
```

保留中の名前スペースの変更

要求:

```
<configConfMo cookie="1553664656/92a5bb89-850d-150d-8003-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="yes" mgmtMode="imc-managed">
  <memoryPersistentMemoryLogicalNamespace
dn="sys/rack-unit-1/board/pmemory-lconfig/lns-ns1" rn="lns-ns1"
socketId="1" socketLocalDimmNumber="2" mode="raw" capacity="5" status="modified"/>
  </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>
```

名前スペースの削除

要求:

```
<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="yes">
  <memoryPersistentMemoryLogicalNamespace name="ns1" status="deleted"/>
  </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>
```

目標と名前スペースの設定

要求:

```
<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="yes" mgmtMode="imc-managed">
    <memoryPersistentMemoryGoal dn="sys/rack-unit-1/board/pmemory-lconfig/goal-ALL"
memoryModePercentage="70"
persistentMemoryType="app-direct-non-interleaved"/>
    <memoryPersistentMemoryLogicalNamespace
dn="sys/rack-unit-1/board/pmemory-lconfig/lns-ns2" rn="lns-ns2"
socketId="1" socketLocalDimmNumber="2" mode="raw" capacity="5"/>
    <memoryPersistentMemoryLogicalNamespace
dn="sys/rack-unit-1/board/pmemory-lconfig/lns-ns1" rn="lns-ns1"
socketId="1" socketLocalDimmNumber="2" mode="raw" capacity="5"/>
    </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>
```

セキュリティの有効化の設定

要求:

```
<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
inHierarchical="false" dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
adminAction="enable-security" forceConfig="yes" rebootOnUpdate="yes">
    <memoryPersistentMemorySecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security"
rn="pmemory-security">
    <memoryPersistentMemoryLocalSecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security/local"
rn="local" securePassphrase="password"/>
    </memoryPersistentMemorySecurity>
  </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
```

```
status="modified"/>
  </outConfig>
</configConfMo>
```

セキュリティの無効化の設定

要求:

```
<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
inHierarchical="false" dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

adminAction="disable-security" forceConfig="yes" rebootOnUpdate="yes">
      <memoryPersistentMemorySecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security"
rn="pmemory-security">
        <memoryPersistentMemoryLocalSecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security/local"
rn="local" deployedSecurePassphrase="password"/>
          </memoryPersistentMemorySecurity>
        </memoryPersistentMemoryLogicalConfiguration>
      </inConfig>
    </configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>
```

セキュアなパスワードの変更

要求:

```
<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
inHierarchical="false"
dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

adminAction="modify-passphrase" forceConfig="yes" rebootOnUpdate="yes">
      <memoryPersistentMemorySecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security"
rn="pmemory-security">
        <memoryPersistentMemoryLocalSecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security/local"
rn="local" securePassphrase="newpassword" deployedSecurePassphrase="password"/>
          </memoryPersistentMemorySecurity>
        </memoryPersistentMemoryLogicalConfiguration>
      </inConfig>
    </configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
```

```

<outConfig>
  <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
</outConfig>
</configConfMo>

```

DIMM のロック解除

要求:

```

<configConfMo cookie="1553519711/f92b8b8f-84eb-14eb-8002-d8e6ed6a0f70"
inHierarchical="false" dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
adminAction="unlock-dimms" rebootOnUpdate="yes">
      <memoryPersistentMemorySecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security"
rn="pmemory-security">
        <memoryPersistentMemoryLocalSecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security/local"
rn="local" deployedSecurePassphrase="password"/>
        </memoryPersistentMemorySecurity>
        <memoryPersistentMemoryDimms rn="pmemory-dimms-1" socketId="1"
socketLocalDimmNumbers="2"/>
      </memoryPersistentMemoryLogicalConfiguration>
    </inConfig>
  </configConfMo>

```

応答:

```

<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>

```

安全な消去の設定

要求:

```

<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
inHierarchical="false" dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
adminAction="secure-erase" forceConfig="yes" rebootOnUpdate="yes">
      <memoryPersistentMemorySecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security"
rn="pmemory-security">
        <memoryPersistentMemoryLocalSecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security/local"
rn="local" deployedSecurePassphrase="password"/>
        </memoryPersistentMemorySecurity>
        <memoryPersistentMemoryDimms rn="pmemory-dimms-1" socketId="1"
socketLocalDimmNumbers="2"/>
      </memoryPersistentMemoryLogicalConfiguration>

```

```
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>
```

永続メモリの工場出荷時のデフォルトへのリセット

要求:

```
<configConfMo cookie="1553669878/b263ca00-850e-150e-8002-943e485a6970"
inHierarchical="false" dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

adminAction="reset-factory-default" forceConfig="yes" rebootOnUpdate="yes">
      <memoryPersistentMemorySecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security"
rn="pmemory-security">
        <memoryPersistentMemoryLocalSecurity
dn="sys/rack-unit-1/board/pmemory-lconfig/pmemory-security/local"
rn="local" deployedSecurePassphrase="password"/>
      </memoryPersistentMemorySecurity>
    </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>
```

永続メモリ設定のエクスポート

要求:

```
<configConfMo cookie="1553668752/ca5726fe-850d-150d-8002-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-config/export-config">
  <inConfig>
    <memoryPersistentMemoryBackup dn="sys/rack-unit-1/board/pmemory-config/export-config"

proto="sftp" hostname="10.10.10.10" remoteFile="FilePath" user="xxx"
pwd="password"> </memoryPersistentMemoryBackup>
  </inConfig>
</configConfMo>
```

応答 :


```
<configConfMo dn="sys/rack-unit-1/board/pmemory-config/export-config"
cookie="1553668752/ca5726fe-850d-150d-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryBackup dn="sys/rack-unit-1/board/pmemory-config/export-config"

fsmDescr="export-config" proto="none" hostname="" remoteFile="" user="" pwd=""
fsmStatus="success"
status="modified"/>
  </outConfig>
</configConfMo>
```

永続メモリ設定のインポート

要求:

```
<configConfMo cookie="1553668752/ca5726fe-850d-150d-8002-943e485a6970"
dn="sys/rack-unit-1/board/pmemory-config/import-config">
  <inConfig>
    <memoryPersistentMemoryImporter dn="sys/rack-unit-1/board/pmemory-config/import-config"

rebootOnUpdate="no" proto="sftp" hostname="10.10.10.10" remoteFile="FilePath"
user="xxx" pwd="password"> </memoryPersistentMemoryImporter>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-config/import-config"
cookie="1553668752/ca5726fe-850d-150d-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryImporter dn="sys/rack-unit-1/board/pmemory-config/import-config"

fsmDescr="import-config" proto="none" hostname="" remoteFile="" user="" pwd=""
fsmStatus="success"
rebootOnUpdate="yes" status="modified"/>
  </outConfig>
</configConfMo>
```

ホスト管理モードの設定

要求:

```
<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
inHierarchical="false" dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

mgmtMode="host-managed" forceConfig="no" rebootOnUpdate="no">
</memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"

rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="host-managed"
status="modified"/>
  </outConfig>
</configConfMo>
```

Cisco IMC 管理モードの設定

要求:

```
<configConfMo cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970"
inHierarchical="false" dn="sys/rack-unit-1/board/pmemory-lconfig">
  <inConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
mgmtMode="imc-managed" forceConfig="no" rebootOnUpdate="no">
  </memoryPersistentMemoryLogicalConfiguration>
  </inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/pmemory-lconfig"
cookie="1553660570/86d0435c-850c-150c-8002-943e485a6970" response="yes">
  <outConfig>
    <memoryPersistentMemoryLogicalConfiguration dn="sys/rack-unit-1/board/pmemory-lconfig"
rebootOnUpdate="no" forceConfig="no" adminAction="no-op" mgmtMode="imc-managed"
status="modified"/>
  </outConfig>
</configConfMo>
```

翻訳について

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