



共通タスクの例

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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。

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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"
cimResetReason="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 :

```

<configConfMo cookie="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>

```

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。

G240 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"/>
    </biosSettings>
  </outConfigs>
</configResolveClass>
```

```

<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-redirectation" 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"/>
<biosVfASPMsSupport rn="ASPM-Support" vpASPMsSupport="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"/>
<biosVfLegacyUSBsSupport rn="LegacyUSB-Support" vpLegacyUSBsSupport="enabled"/>
<biosVfUCSMBootOrderRuleControl rn="Boot-Order-Rules"
  vpUCSMBootOrderRule="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="10.10.10.10"
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>

```

```
</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>
```

```
</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-colusal.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>
```

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" >
    </huuFirmwareUpdateStatus>
  </huuFirmwareUpdater>
</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="tfttpapi.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="cruzfwl.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" numOfVMFexIfs="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" numOfVMFexIfs="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" receiveSideScalingExtTCPIPv6Hash="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"
    numOfVMFexIifs="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"/>
    </adaptorHostEthIf>
  </outConfigs>
</configResolveClass>
```

```

    <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"/>

  <adaptorIpV4RssHashProfile rn="ipv4-rss-hash" ipHash="enabled" tcpHash="enabled"
status="created"/>
<adaptorExtIpV6RssHashProfile rn="ext-ipv6-rss-hash" ipHash="disabled"
  tcpHash="disabled" status="created"/>
<adaptorEthWorkQueueProfile rn="eth-work-q" count="1" ringSize="256" status="created"/>

  <adaptorIpV6RssHashProfile rn="ipv6-rss-hash" ipHash="enabled" tcpHash="enabled"
status="created"/>
<adaptorRssProfile rn="rss" receiveSideScaling="enabled" status="created"/>
<adaptorEthInterruptProfile rn="eth-int" coalescingType="MIN" coalescingTime="125"
count="8" mode="MSIx" status="created"/>
</adaptorHostEthIf>
</out Config>
</configConfMo>

```

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。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>
    <adaptorFcBootTable 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>
    <adaptorFcBootTable 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="s11huu.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="s11huu.iso"
    mountOptions="nolock,noexec,soft,timeo=100,retry=2,rsiz=3072,wsiz=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 Adapter" 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="networkAdaptorEthIf"/>

```

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-adaptor-L"/>

```

応答：

```

<configResolveDn cookie="1270945253/00566da0-83eb-13eb-8002-98219ee53d50" response="yes"
dn="sys/rack-unit-1/network-adaptor-L/eth-1">
  <outConfig>
    <networkAdaptorEthIf id="1" mac="50:3D:E5:9E:21:9C" linkStateAtPOST="Up"
dn="sys/rack-unit-1/network-adaptor-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"
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="S1Z1COVN0000K5486L16"
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-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"/>
</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"
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" lropInProgress="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="500e004aaaae0000"
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" lropInProgress="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="500e004aaaae0000" 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" lropInProgress="false" currentLrop="No
  operation in progress"
  progressPercent="0" elapsedSeconds="0"/>
  </storageLocalDisk>
  <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="500e004aaae0000" 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
  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"
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="500e004aaae0000"
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" lropInProgress="false"
currentLrop="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="500e004aaae0000"
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" lropInProgress="false"
currentLrop="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="500e004aaae0000" 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="500e004aaeee0000"
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="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-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="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-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="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-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="S1Z1CORB0000K5486KXG" 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" 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="500e004aaae0000"
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="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-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="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-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="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-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="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-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="1350515994/821a1d18-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="tff.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、パ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.djddjd.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.djddjd.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

要求

```

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

```

応答

```

<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

要求

```

<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>

```

応答

```

<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>
```

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 reset 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"
vpIntelVTDInterruptRemapping="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" vpLvDDRMode="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
/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"/>
<biosVfQPIConfig 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"/>
<biosVfUCSMBootOrderRuleControl dn="sys/rack-unit-1/bios
/bios-settings/Boot-Order-Rules" vpUCSMBootOrderRule="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" vpLvDDRMMode="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="0x80000B16-1.997.9"
    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"
bootMode="Legacy" status="modified" >
<lsbootIscsi name="iscsil05" type="ISCSI" slot="3" port="6" order="1"
state="Enabled" rn="iscsi-iscsil05" status="modified">
</lsbootIscsi>
<lsbootIscsi name="iscsil01" type="ISCSI" slot="3"
port="6" order="2" state="Enabled" rn="iscsi-iscsil01"
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='iscsil09' 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="iscsil06" type="ISCSI" slot="3" port="6" order="1"
state="Enabled" rn="iscsi-iscsil06" status="modified">
</lsbootIscsi>
<lsbootIscsi name="iscsil05" type="ISCSI" slot="3" port="6" order="2"
state="Enabled" rn="iscsi-iscsil05" status="modified" >
</lsbootIscsi>
<lsbootIscsi name="iscsil09" type="ISCSI" slot="1" port="9" order="3"
state="Disabled" rn="iscsi-iscsil09" status="modified">
</lsbootIscsi>
<lsbootIscsi name="iscsil01" type="ISCSI" slot="3" port="6" order="4"
state="Enabled" rn="iscsi-iscsil01" 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>
```

```

    </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。

- [LOCALHDD ブート デバイスの作成](#), (86 ページ)
- [LOCALHDD ブート デバイスの削除](#), (86 ページ)
- [LOCALHDD ブート デバイスの変更](#), (87 ページ)
- [SDCARD ブート デバイスの作成](#), (87 ページ)
- [SDCARD ブート デバイスの削除](#), (88 ページ)

- SDCARD ブート デバイスの変更, (88 ページ)
- USB ブート デバイスの作成, (89 ページ)
- USB ブート デバイスの削除, (89 ページ)
- USB ブート デバイスの変更, (89 ページ)
- VMEDIA ブート デバイスの作成, (90 ページ)
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- PCI インベントリの詳細の取得, (91 ページ)
- Windows セキュア ブートの詳細の取得, (92 ページ)
- Cisco IMC セキュア ブートの有効化, (92 ページ)
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- IPV6 プロパティの設定, (93 ページ)
- 仮想ドライブの作成, (94 ページ)
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- 仮想ドライブの書き込みキャッシュの変更, (95 ページ)
- グローバル ホット スペアとしての物理ドライブの設定, (96 ページ)
- 専用ホット スペアとしての物理ドライブの設定, (97 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='sdcards' 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="sdcards" type="SDCARD" order="1" state="Disabled"
    rn="sd-sdcards" status="modified" >
  </lsbootSd>
  <lsbootSd name="sdcards5" type="SDCARD" order="2" state="Enabled"
    rn="sd-sdcards5" 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='sdcards6' 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="sdcards6" type="SDCARD" order="1"
    state="Disabled" rn="sd-sdcards" status="modified" >
  </lsbootSd>
  <lsbootSd name="sdcards6" type="SDCARD" order="2"
    state="Enabled" rn="sd-sdcards6" status="modified" >
  </lsbootSd>
  <lsbootSd name="sdcards6" type="SDCARD" order="3"
    state="Enabled" rn="sd-sdcards5" 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' />
  </inConfig>
</configConfMo>
```

```

    </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='10.10.10.10' 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' />
</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-f2d5-12d5-8003-0977ela85750" 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-8005-0977e1a85750" 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-f2d5-12d5-8002-0977e1a85750' 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'
      status='modified' />
  </outConfig>
</configConfMo>
```

```

        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" dedicatedHotSpareForVdiId="" 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" dedicatedHotSpareForVdiId="" 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" dedicatedHotSpareForVdiId="" 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" 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>
  <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"
      supportsRaidle="false" supportsRaidlerlq0="true"
      supportsRaidle0rlq0="true" supportsRaidsrl03="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 バッテリー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>

```



```
</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"
configuredBootMode="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 :

```

<configConfMo cookie="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 LDAP CA 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="10.10.10.10" 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">
  </pidCatalogDimm>
  </outConfigs>
</configResolveClass>
```

```

    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'
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>
</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>
    <commSnm dn="sys/svc-ext/snmp-svc" adminState="enabled"
      engineIdKey="Test_Engine_Key">
    </commSnm>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/svc-ext/snmp-svc"
  cookie="1468979398/1fd17a6c-3808-1808-8002-ac988322e470" response="yes">
  <outConfig>
    <commSnm 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" >
    </commSnm>
  </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="commSnm"/>
```

応答 :

```
<configResolveClass cookie="1468979398/1fd17a6c-3808-1808-8002-ac988322e470"
  response="yes" classId="commSnm">
  <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) HHL 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"
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" cimcResetReason="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"
cimcResetReason="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-8008-40da39fcl88"
  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-8008-40da39fcl88"
  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-8008-40da39fcl88"
  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="hhu" 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-vmmmap-hhu" >
</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/vmmmap-HUU">
  <inConfig>
    <commVMediaMap dn="sys/svc-ext/vmedia-svc/vmmmap-HUU"
volumeName="HUU" map="nfs" remoteShare="10.10.196.156:/home/hprabhu/bmc"
remoteFile="hhu/hhu-3.0-23.iso" mountOptions="nolock," status="created" />
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo cookie="$COOKIE$" dn="sys/svc-ext/vmedia-svc/vmmmap-RHEL">
  <inConfig>
    <commVMediaMap dn="sys/svc-ext/vmedia-svc/vmmmap-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="10.10.10.33-10.10.10.32"
      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>

```

```
</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、（134 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, (134 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, (135 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, (135 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, (136 ページ)
- 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, (137 ページ)
- ストレージ仮想ドライブの非表示, (138 ページ)
- セキュアなキー管理の有効化または無効化, (139 ページ)
- KMIP サーバの設定, (139 ページ)
- KMIP サーバの削除, (139 ページ)
- KMIP サーバとの接続のテスト, (141 ページ)
- セキュアなキー管理設定の表示, (140 ページ)
- ルート CA 証明書のダウンロード (ftf), (140 ページ)
- ルート CA 証明書のエクスポート (scp), (141 ページ)
- ルート CA 証明書の削除, (141 ページ)
- クライアント秘密キーのダウンロード, (142 ページ)
- クライアント秘密キーのエクスポート, (142 ページ)
- ルート CA 証明書の削除, (141 ページ)
- クライアント秘密キーのダウンロード, (142 ページ)
- クライアント秘密キーのエクスポート, (142 ページ)
- クライアント秘密キーの削除, (143 ページ)
- クライアント証明書のダウンロード, (143 ページ)
- クライアント証明書のエクスポート, (143 ページ)
- クライアント証明書の削除, (144 ページ)
- KMIP サーバ ログインの詳細の削除, (144 ページ)
- 自己暗号化ドライブの外部設定のロック解除, (145 ページ)
- 自己暗号化ドライブの外部設定のインポート, (145 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, (145 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, (146 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, (147 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, (147 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, (148 ページ)

電子メール アラートの受信用に SMTP サーバを設定

要求 :

```
<configConfMo dn="sys/svc-ext/mail-alert-svc">
cookie="1484920480/dd879b5e-8746-1687-8003-be18652a6ca4" inHierarchical="true">
<inConfig>
<commMailAlert adminState="enabled" port="25" ipAddress="10.10.10.10"
minSeverityLevel="critical" dn="sys/svc-ext/mail-alert-svc" >
  <mailRecipient id="1" dn="sys/svc-ext/mail-alert-svc/mail-recipient-1"
rn="mail-recipient-1"
  email="john@example.com" adminAction="send-test-mail"> </mailRecipient>
  <mailRecipient id="2" dn="sys/svc-ext/mail-alert-svc/mail-recipient-2"
rn="mail-recipient-2"
  email="mary@example.com" adminAction="send-test-mail"> </mailRecipient>
  <mailRecipient id="3" dn="sys/svc-ext/mail-alert-svc/mail-recipient-3"
rn="mail-recipient-3"
  email="tom@example.com" adminAction="send-test-mail"> </mailRecipient>
</commMailAlert>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/svc-ext/mail-alert-svc"
cookie="1484920480/dd879b5e-8746-1687-8003-be18652a6ca4" response="yes">
<outConfig>
<commMailAlert dn="sys/svc-ext/mail-alert-svc"
adminState="enabled" port="25" minSeverityLevel="critical"
ipAddress="10.10.10.10" status="modified">
  <mailRecipient id="1" email="john@example.com" adminAction="no-op"
testMailStatus="yes" rn="mail-recipient-1" status="modified"/>
  <mailRecipient id="2" email="mary@example.com" adminAction="no-op"
testMailStatus="no" rn="mail-recipient-2" status="modified"/>
  <mailRecipient id="3" email="tom@example.com" adminAction="no-op"
testMailStatus="no" rn="mail-recipient-3" status="modified"/>
</commMailAlert>
</outConfig>
</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спан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__204aeee1" 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'
  <b>adminAction='unlock-secured-drives'</b> />
  </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'
  existingSecurityKey='Existing security key' keyManagement=''
  adminAction='no-op' <b>status='modified'</b> >
  </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'
  <b>adminAction='import-foreign-config'</b> />
  </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' <b>selfEncryptEnabled='yes'</b> 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' <b>adminAction='enable-self-encrypt'</b>
```

```

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/de1ed316-4be8-1be8-92d4-20be7d8bf200" inHierarchical="false"
classId="selfEncryptStorageController"/>

```

次の応答が表示されます。

```

<configResolveClass
cookie="1490834627/de1ed316-4be8-1be8-92d4-20be7d8bf200" 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。

- [FlexUtil コントローラのプロパティの表示](#)，（150 ページ）
- [FlexUtil コントローラの状態の確認](#)，（151 ページ）
- [FlexUtil カード設定のリセット](#)，（151 ページ）
- [FlexUtil の運用プロファイルのプロパティの設定](#)，（152 ページ）
- [FlexUtil の運用プロファイルのプロパティの表示](#)，（152 ページ）
- [FlexUtil 物理ドライブのプロパティの表示](#)，（152 ページ）
- [FlexUtil 仮想ドライブのプロパティの表示](#)，（153 ページ）
- [FlexUtil カード上の SCU パーティションの有効化](#)，（153 ページ）
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- [前面パネルの USB デバイスへの Cisco IMC 設定のエクスポート, \(168 ページ\)](#)
- [前面パネルの USB デバイスへのテクニカル サポート ファイルのエクスポート, \(169 ページ\)](#)

FlexUtil コントローラのプロパティの表示

要求 :

```
<configResolveClass cookie='1399460397/43d31630-f8cd-18cd-8003-1d35daf6083c'
classId='storageFlexUtilController' inHierarchical='true'>
</configResolveClass>
```

応答 :

```
<configResolveClass cookie="1486763533/58d8efa6-4834-1834-8014-f445e2caa600"
response="yes" classId="storageFlexUtilController">
<outConfigs>
<storageFlexUtilController id="Flexutil" productName="Cisco Flexutil"
controllerName="SDHC" controllerStatus="OK" internalState="OK"
physicalDriveCount="1" virtualDriveCount="5" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil" >
<storageFlexUtilHealth rn="health" health="OK" >
</storageFlexUtilHealth>
<storageFlexUtilOperationalProfile rn="oper-profile"
ioReadErrorThreshold="20" ioWriteErrorThreshold="0" >
</storageFlexUtilOperationalProfile>
<storageFlexUtilPhysicalDrive physicalDrive="microSD" controller="Flexutil"
pdStatus="present" serialNumber="0x25472b6c" manufacturerId="3" oemId="SD"
productName="SL64G" productRevision="8.0" manufacturerDate="9/2016"
writeEnabled="false" blockSize="512 bytes" capacity="60906 MB" health="healthy"
readErrorCount="0" readErrorThreshold="20" writeErrorCount="10"
writeErrorThreshold="0" partitionCount="5"
drivesEnabled="SCU Diagnostics HUU Drivers UserPartition" rn="card-microSD" >
</storageFlexUtilPhysicalDrive>
<storageFlexUtilVirtualDrive partitionId="1" partitionName="SCU"
virtualDrive="Cisco Server Configuration Utility" driveScope="Non-RAID" size="1280 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none" adminAction="no-op" rn="vd-SCU" >
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDrive partitionId="2" partitionName="Diagnostics"
virtualDrive="UCS Rack Server Diagnostics" driveScope="Non-RAID" size="256 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none" adminAction="no-op"
rn="vd-Diagnostics" >
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDrive partitionId="3" partitionName="HUU"
virtualDrive="Cisco Host Upgrade Utility" driveScope="Non-RAID" size="1536 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none" adminAction="no-op" rn="vd-HUU" >
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDrive partitionId="4" partitionName="Drivers"
virtualDrive="Cisco Drivers Update Utility" driveScope="Non-RAID" size="8192 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none" adminAction="no-op" rn="vd-Drivers"
>
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDrive partitionId="5" partitionName="UserPartition"
virtualDrive="User Partition" driveScope="Non-RAID" size="41442 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="NA" adminAction="no-op" rn="vd-UserPartition"
>
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDriveImageMap virtualDrive="SCU" map="None" remoteShare="None"
remoteFile="None" mountOptions="None" username="" password="" adminAction="no-op"
rn="vdrive-map-SCU" >
</storageFlexUtilVirtualDriveImageMap>
```

```

<storageFlexUtilVirtualDriveImageMap virtualDrive="Diagnostics" map="None"
remoteShare="None"
  remoteFile="None" mountOptions="None" username="" password="" adminAction="no-op"
  rn="vdrive-map-Diagnostics" >
</storageFlexUtilVirtualDriveImageMap>
<storageFlexUtilVirtualDriveImageMap virtualDrive="HUU" map="None" remoteShare="None"
remoteFile="None" mountOptions="None" username="" password="" adminAction="no-op"
  rn="vdrive-map-HUU" >
</storageFlexUtilVirtualDriveImageMap>
<storageFlexUtilVirtualDriveImageMap virtualDrive="Drivers" map="None" remoteShare="None"
  remoteFile="None" mountOptions="None" username="" password="" adminAction="no-op"
  rn="vdrive-map-Drivers" >
</storageFlexUtilVirtualDriveImageMap>
</storageFlexUtilController>
</outConfigs>
</configResolveClass>

```

FlexUtil コントローラの状況の確認

要求 :

```

<configResolveClass cookie='1399460397/43d31630-f8cd-18cd-8003-1d35daf6083c'
classId='storageFlexUtilHealth' inHierarchical='false'>
</configResolveClass>

```

応答 :

```

<configResolveClass cookie="1486765376/f44bcb73-4834-1834-8015-f445e2caa600"
response="yes" classId="storageFlexUtilHealth">
<outConfig>
  <storageFlexUtilHealth
    dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/health"
    health="OK" >
  </storageFlexUtilHealth>
</outConfig>
</configResolveClass>

```

FlexUtil カード設定のリセット

要求 :

```

<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil'
cookie='1379037053/15abc180-e63a-163a-8002-7389daf6083c' inHierarchical='true'>
<inConfig>
  <storageFlexUtilController dn='sys/rack-unit-1/board/storage-flexutil-Flexutil'
  adminAction='reset-card-configuration'>
</storageFlexUtilController>
</inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil"
cookie="1490845829/45be7559-4beb-1beb-8002-1c57e2caa600" response="yes">
<outConfig>
  <storageFlexUtilController id="Flexutil" productName="Cisco Flexutil"
  controllerName="SDHC" controllerStatus="OK" internalState="Connected"
  phyveCount="5" adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil"
  status="modified">
</storageFlexUtilController>
</outConfig>
</configConfMo>

```

FlexUtil の運用プロファイルのプロパティの設定

要求 :

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/oper-profile'
cookie='1486766368/919d65ee-4835-1835-8016-f445e2caa600' inHierarchical='true'>
  <inConfig>
    <storageFlexUtilOperationalProfile
      dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/oper-profile'
      ioReadErrorThreshold='50' ioWriteErrorThreshold='50' >
    </storageFlexUtilOperationalProfile>
  </inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/oper-profile"
cookie="1486766368/919d65ee-4835-1835-8016-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilOperationalProfile
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/oper-profile"
      ioReadErrorThreshold="50" ioWriteErrorThreshold="50" status="modified" >
    </storageFlexUtilOperationalProfile>
  </outConfig>
</configConfMo>
```

FlexUtil の運用プロファイルのプロパティの表示

要求 :

```
<configResolveClass cookie='1399460397/43d31630-f8cd-18cd-8003-1d35daf6083c'
classId='storageFlexUtilOperationalProfile' inHierarchical='false'>
</configResolveClass>
```

応答 :

```
<configResolveClass cookie="1486765376/f44bcb73-4834-1834-8015-f445e2caa600"
response="yes" classId="storageFlexUtilOperationalProfile">
  <outConfig>
    <storageFlexUtilOperationalProfile
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/oper-profile"
      ioReadErrorThreshold="20" ioWriteErrorThreshold="0" >
    </storageFlexUtilOperationalProfile>
  </outConfig>
</configResolveClass>
```

FlexUtil 物理ドライブのプロパティの表示

要求 :

```
<configResolveClass cookie='1399460397/43d31630-f8cd-18cd-8003-1d35daf6083c'
classId='storageFlexUtilPhysicalDrive' inHierarchical='false'>
</configResolveClass>
```

応答 :

```
<configResolveClass cookie="1486765376/f44bcb73-4834-1834-8015-f445e2caa600"
response="yes" classId="storageFlexUtilPhysicalDrive">
  <outConfig>
    <storageFlexUtilPhysicalDrive physicalDrive="microSD" controller="Flexutil"
      pdStatus="present" serialNumber="0x25472b6c" manufacturerId="3" oemId="SD"
      productName="SL64G" productRevision="8.0" manufacturerDate="9/2016">
  </outConfig>
</configResolveClass>
```



```

writeEnabled="false" blockSize="512 bytes" capacity="60906 MB"
health="healthy" readErrorCount="0" readErrorThreshold="20"
writeErrorCount="10" writeErrorThreshold="0" partitionCount="5"
drivesEnabled="SCU Diagnostics HUU Drivers UserPartition"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/card-microSD" >
</storageFlexUtilPhysicalDrive>
</outConfig>
</configResolveClass>

```

FlexUtil 仮想ドライブのプロパティの表示

要求 :

```

<configResolveClass cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600'
classId='storageFlexUtilVirtualDrive' inHierarchical='false'>
</configResolveClass>

```

応答 :

```

<configResolveClass cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600"
response="yes" classId="storageFlexUtilVirtualDrive">
<outConfig>
<storageFlexUtilVirtualDrive partitionId="1" partitionName="SCU"
virtualDrive="Cisco Server Configuration Utility" driveScope="Non-RAID" size="1280 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU" >
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDrive partitionId="2" partitionName="Diagnostics"
virtualDrive="UCS Rack Server Diagnostics" driveScope="Non-RAID"
size="256 MB" driveStatus="Healthy" hostAccessible="Not-Connected"
driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics"
>
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDrive partitionId="3" partitionName="HUU"
virtualDrive="Cisco Host Upgrade Utility" driveScope="Non-RAID" size="1536 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU" >
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDrive partitionId="4" partitionName="Drivers"
virtualDrive="Cisco Drivers Update Utility" driveScope="Non-RAID" size="8192 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers" >
</storageFlexUtilVirtualDrive>
<storageFlexUtilVirtualDrive partitionId="5" partitionName="UserPartition"
virtualDrive="User Partition" driveScope="Non-RAID" size="41442 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="NA" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-UserPartition" >
</storageFlexUtilVirtualDrive>
</outConfig>
</configResolveClass>

```

FlexUtil カード上の SCU パーティションの有効化

要求 :

```

<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
<inConfig>
<storageFlexUtilVirtualDrive dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU'
adminAction='enable-vd'>

```

```

    </storageFlexUtilVirtualDrive>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDrive partitionId="1" partitionName="SCU"
virtualDrive="Cisco Server Configuration Utility" driveScope="Non-RAID"
size="1280 MB" driveStatus="Healthy" hostAccessible="Connected"
driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU"
status="modified" >
  </storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>

```

FlexUtil カード上の診断パーティションの有効化

要求 :

```

<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
  <inConfig>
    <storageFlexUtilVirtualDrive
dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics'
adminAction='enable-vd' >
  </storageFlexUtilVirtualDrive>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDrive partitionId="2" partitionName="Diagnostics"
virtualDrive="Diagnostics" driveScope="Non-RAID"
size="256 MB" driveStatus="Healthy" hostAccessible="Connected"
driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics"
status="modified" >
  </storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>

```

FlexUtil カード上の HUU パーティションの有効化

要求 :

```

<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
  <inConfig>
    <storageFlexUtilVirtualDrive dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU'
adminAction='enable-vd' >
  </storageFlexUtilVirtualDrive>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDrive partitionId="3" partitionName="HUU"

```

```

virtualDrive="Cisco Host Upgrade Utility" driveScope="Non-RAID"
size="1536 MB" driveStatus="Healthy" hostAccessible="Connected"
driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"
status="modified" >
</storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>

```

FlexUtil カード上のドライバパーティションの有効化

要求：

```

<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
<inConfig>
<storageFlexUtilVirtualDrive dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers'
adminAction='enable-vd'>
</storageFlexUtilVirtualDrive>
</inConfig>
</configConfMo>

```

応答：

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
<outConfig>
<storageFlexUtilVirtualDrive partitionId="4" partitionName="Drivers"
virtualDrive="Drivers" driveScope="Non-RAID"
size="8192 MB" driveStatus="Healthy" hostAccessible="Connected"
driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers"
status="modified" >
</storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>

```

FlexUtil カード上のユーザパーティションの有効化

要求：

```

<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-UserPartition'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
<inConfig>
<storageFlexUtilVirtualDrive
dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/UserPartition'
adminAction='enable-vd'>
</storageFlexUtilVirtualDrive>
</inConfig>
</configConfMo>

```

応答：

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-UserPartition"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
<outConfig>
<storageFlexUtilVirtualDrive partitionId="5" partitionName="UserPartition"
virtualDrive="User Partition" driveScope="Non-RAID"
size="41442 MB" driveStatus="Healthy" hostAccessible="Connected"
driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-UserPartition"
status="modified" >
</storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>

```

ホスト上の FlexUtil SCU パーティションの無効化

要求 :

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
<inConfig>
  <storageFlexUtilVirtualDrive dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU'
    adminAction='disable-vd'>
  </storageFlexUtilVirtualDrive>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
<outConfig>
  <storageFlexUtilVirtualDrive partitionId="1" partitionName="SCU"
virtualDrive="Cisco Server Configuration Utility" driveScope="Non-RAID"
size="1280 MB" driveStatus="Healthy" hostAccessible="Not-Connected"
driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-SCU"
status="modified" >
  </storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>
```

ホスト上の FlexUtil 診断パーティションの無効化

要求 :

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
<inConfig>
  <storageFlexUtilVirtualDrive
dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics'
    adminAction='disable-vd'>
  </storageFlexUtilVirtualDrive>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
<outConfig>
  <storageFlexUtilVirtualDrive partitionId="2" partitionName="Diagnostics"
virtualDrive="UCS Rack Server Diagnostics" driveScope="Non-RAID" size="256 MB"
driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Diagnostics"
status="modified" >
  </storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>
```

ホスト上の FlexUtil HUU パーティションの無効化

要求 :

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
<inConfig>
  <storageFlexUtilVirtualDrive dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU'
```

```

    adminAction='disable-vd'>
  </storageFlexUtilVirtualDrive>
</inConfig>
</configConfMo>

```

応答：

```

<configConfMo cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDrive partitionId="3" partitionName="HUU"
      virtualDrive="Cisco Host Upgrade Utility" driveScope="Non-RAID"
      size="1536 MB" driveStatus="Healthy" hostAccessible="Not-Connected"
      driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
      adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"
      status="modified" >
    </storageFlexUtilVirtualDrive>
  </outConfig>
</configConfMo>

```

ホスト上の FlexUtil ドライバパーティションの無効化

要求：

```

<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
  <inConfig>
    <storageFlexUtilVirtualDrive dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers'
      adminAction='disable-vd'>
    </storageFlexUtilVirtualDrive>
  </inConfig>
</configConfMo>

```

応答：

```

<configConfMo cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDrive partitionId="4" partitionName="Drivers"
      virtualDrive="Cisco Drivers Update Utility" driveScope="Non-RAID" size="8192 MB"
      driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
      operationInProgress="NA" lastOperationStatus="none" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-Drivers" status="modified" >
    </storageFlexUtilVirtualDrive>
  </outConfig>
</configConfMo>

```

ホスト上の FlexUtil ユーザパーティションの無効化

要求：

```

<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-UserPartition'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
  <inConfig>
    <storageFlexUtilVirtualDrive
      dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-UserPartition'
      adminAction='disable-vd'>
    </storageFlexUtilVirtualDrive>
  </inConfig>
</configConfMo>

```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-UserPartition"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDrive partitionId="5" partitionName="UserPartition"
      virtualDrive="User Partition" driveScope="Non-RAID" size="41442 MB"
      driveStatus="Healthy" hostAccessible="Not-Connected" driveType="Removable"
      operationInProgress="NA" lastOperationStatus="NA" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-UserPartition" status="modified"
    >
  </storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>
```

ホスト上の FlexUtil HUU パーティションの消去

要求 :

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU'
cookie='1486774652/887cbaa6-4837-1837-8017-f445e2caa600' inHierarchical='false'>
  <inConfig>
    <storageFlexUtilVirtualDrive dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU'
      adminAction='erase-vd'>
    </storageFlexUtilVirtualDrive>
  </inConfig>
</configConfMo>
```

応答 :

```
<configResolveDn dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"
cookie="1486774652/887cbaa6-4837-1837-8017-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDrive partitionId="3" partitionName="HUU"
      virtualDrive="Cisco Host Upgrade Utility" driveScope="Non-RAID"
      size="1536 MB" driveStatus="Healthy" hostAccessible="Not-Connected"
      driveType="Removable" operationInProgress="Erasing" lastOperationStatus="none"
      adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU" >
    </storageFlexUtilVirtualDrive></outConfig>
</configResolveDn>
```



(注) 同じ消去操作を、SCU、診断、ユーザ、およびドライバパーティションでも同様に行うことができます。

FlexUtil パーティションへの NFS 共有のマッピング

要求 :

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU'
cookie='1486779436/44127f73-4838-1838-8019-f445e2caa600' inHierarchical='true'>
  <inConfig>
    <storageFlexUtilVirtualDriveImageMap
      dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU'
      map='nfs' remoteShare='10.10.10.1:/nfsshare' remoteFile='ucs-cxxxmx-huu-3.1.0.25.iso'
      mountOptions='nolock' username='' password='' adminAction='map' />
    </inConfig>
  </configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU"
cookie="1486779436/44127f73-4838-1838-8019-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDriveImageMap virtualDrive="HUU" map="nfs"
      remoteShare="10.10.10.1\:/nfsshare" remoteFile="ucs-cxxxxmx-huu-3.1.0.25.iso"
      mountOptions="nolock,noexec,noac,soft,timeo=60,retry=2,rsize=3072,wsiz=3072"
      username="" password="" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU"
      status="modified" >
    </storageFlexUtilVirtualDriveImageMap>
  </outConfig>
</configConfMo>
```

FlexUtil パーティションへの CIFS 共有のマッピング

要求：

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU'
cookie='1486779436/44127f73-4838-1838-8019-f445e2caa600' inHierarchical='true'>
  <inConfig>
    <storageFlexUtilVirtualDriveImageMap
      dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU'
      map='cifs' remoteShare='10.10.10.1:/utility' remoteFile='ucs-cxxxxmx-huu-3.1.0.54.iso'
      username='' password='' adminAction='map' />
    </inConfig>
  </configConfMo>
```

応答：

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU"
cookie="1486779436/44127f73-4838-1838-8019-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDriveImageMap virtualDrive="HUU" map="cifs"
      remoteShare="//10.127.45.252/utility" remoteFile="ucs-cxxxxmx-huu-3.1.0.54.iso"
      mountOptions="username=Administrator,
      password*****,soft,nounix,noserverino,rsiz=3072,wsiz=3072"
      username="" password="" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU" status="modified"/>
    </outConfig>
  </configConfMo>
```

パーティションのマッピング後の FlexUtil 仮想ドライブ マップの表示

要求：

```
<configResolveClass cookie='1379140830/3f492a88-e652-1652-8004-7389daf6083c'
classId='storageFlexUtilVirtualDriveImageMap' inHierarchical='false'>
</configResolveClass>
```

応答：

```
<configResolveClass cookie="1486779436/44127f73-4838-1838-8019-f445e2caa600"
response="yes" classId="storageFlexUtilVirtualDriveImageMap">
  <outConfigs>
    <storageFlexUtilVirtualDriveImageMap virtualDrive="SCU" map="None"
      remoteShare="None" remoteFile="None" mountOptions="None" username=""
      password="" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-SCU" >
    </storageFlexUtilVirtualDriveImageMap>
    <storageFlexUtilVirtualDriveImageMap virtualDrive="Diagnostics" map="None"
      remoteShare="None" remoteFile="None" mountOptions="None" username="" password=""
      adminAction="no-op">
    </storageFlexUtilVirtualDriveImageMap>
  </outConfigs>
```

```

dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-Diagnostics" >
</storageFlexUtilVirtualDriveImageMap>
<storageFlexUtilVirtualDriveImageMap virtualDrive="HUU" map="nfs"
remoteShare="10.104.236.81\:/nfsshare" remoteFile="ucs-cxxxmx-huu-3.1.0.25.iso"
mountOptions="nolock,noexec,noac,soft,timeo=60,retry=2,rsz=3072,wsz=3072"
username="" password="" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU" >
</storageFlexUtilVirtualDriveImageMap>
</storageFlexUtilVirtualDriveImageMap virtualDrive="Drivers" map="None" remoteShare="None"

remoteFile="None" mountOptions="None" username="" password="" adminAction="no-op"
dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-Drivers" >
</storageFlexUtilVirtualDriveImageMap>
</outConfigs>
</configResolveClass>

```



(注) 上記の応答で、HUU パーティションは現在マッピングされています。

イメージのマッピング後の FlexUtil 仮想ドライブのプロパティの更新

要求 :

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"
cookie="0000096648/22434b82-0017-1017-8002-0247e2caa600" inHierarchical="false">
<inConfig>
<storageFlexUtilVirtualDrive dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"

adminAction="update-vd" >
</storageFlexUtilVirtualDrive>
</inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"
cookie="1486781086/a60be5c6-4838-1838-801a-f445e2caa600" response="yes">
<outConfig>
<storageFlexUtilVirtualDrive partitionId="3" partitionName="HUU"
virtualDrive="Cisco Host Upgrade Utility" driveScope="Non-RAID"
size="1536 MB" driveStatus="Healthy" hostAccessible="Not-Connected"
driveType="Removable" operationInProgress="Updating" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU" >
</storageFlexUtilVirtualDrive>
</outConfig>
</configConfMo>

```

FlexUtil 仮想ドライブの更新操作のキャンセル

要求 :

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"
cookie="0000096648/22434b82-0017-1017-8002-0247e2caa600" inHierarchical="false">
<inConfig>
<storageFlexUtilVirtualDrive dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"

adminAction="cancel-update" >
</storageFlexUtilVirtualDrive>
</inConfig>
</configConfMo>

```


応答 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU"
cookie="1488698676/3405e6d4-49f7-19f7-8018-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDrive partitionId="3" partitionName="HUU"
      virtualDrive="Cisco Host Upgrade Utility" driveScope="Non-RAID"
      size="1536 MB" driveStatus="Healthy" hostAccessible="Not-Connected"
      driveType="Removable" operationInProgress="NA"
      lastOperationStatus="Update-Failed"
      adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vd-HUU" >
    </storageFlexUtilVirtualDrive>
  </outConfig>
</configConfMo>
```

FlexUtil パーティション上の共有のマッピング解除

要求 :

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-SCU'
cookie='1486781086/a60be5c6-4838-1838-801a-f445e2caa600' inHierarchical='true'>
  <inConfig>
    <storageFlexUtilVirtualDriveImageMap
      dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-SCU'
      adminAction='unmap' />
    </inConfig>
  </configConfMo>
```

応答 :

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-SCU'
cookie="1486781086/a60be5c6-4838-1838-801a-f445e2caa600" response="yes">
  <outConfig>
    <storageFlexUtilVirtualDriveImageMap virtualDrive="SCU" map="None"
      remoteShare="None" remoteFile="None" mountOptions="None" username=""
      password="" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-SCU" >
    </storageFlexUtilVirtualDriveImageMap>
    <storageFlexUtilVirtualDriveImageMap virtualDrive="Diagnostics"
      map="None" remoteShare="None" remoteFile="None" mountOptions="None"
      username="" password="" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-Diagnostics" >
    </storageFlexUtilVirtualDriveImageMap>
    <storageFlexUtilVirtualDriveImageMap virtualDrive="HUU" map="nfs"
      remoteShare="10.104.236.81\:/nfsshare" remoteFile="ucs-cxxxmx-huu-3.1.0.25.iso"
      mountOptions="&apos;nolock,noexec,noac,soft,timeo=60,retry=2,rsize=3072,wsiz&apos;"
      username="" password=""
      adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-HUU"
    >
  </storageFlexUtilVirtualDriveImageMap>
  <storageFlexUtilVirtualDriveImageMap virtualDrive="Drivers" map="None"
    remoteShare="None" remoteFile="None" mountOptions="None" username="" password=""
    adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexutil-Flexutil/vdrive-map-Divers"
  >
  </storageFlexUtilVirtualDriveImageMap>
</outConfig>
</configConfMo>
```

FlexFlash コントローラのプロパティの表示

要求 :

```
<configResolveClass cookie='1487358764/81211fa8-48bf-18bf-8009-8446e2caa600'
```

```
classId='storageFlexFlashController' inHierarchical='false'>
```

応答:

```
<configResolveClass cookie="1487358764/81211fa8-48bf-18bf-8009-8446e2caa600"
response="yes" classId="storageFlexFlashController">
<outConfig>
  <storageFlexFlashController id="FlexFlash-0" productName="Cisco FlexFlash"
  fwVersion="1.3.2 build 166" vendor="Cypress" controllerStatus="OK"
  internalState="Connected" cardsManageable="Yes"e="" autoSync=""
  cardSlot="" nonUtilPartitionName="" adminAction="no-op"
  dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0" >
  </storageFlexFlashController>
</outConfig>
</configResolveClass>
```

FlexFlash コントローラのリセット

要求:

```
<configConfMo dn='sys/rack-unit-1/board/storage-flexflash-FlexFlash-0'
cookie='1486398317/ddd019fb-47df-17df-8009-3a42e2caa600' inHierarchical='false' >
<inConfig>
  <storageFlexFlashController dn='sys/rack-unit-1/board/storage-flexflash-FlexFlash-0'
  adminAction='reset-flexflash-controller'/'>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0"
cookie="1486398317/ddd019fb-47df-17df-8009-3a42e2caa600" response="yes">
<outConfig>
  <storageFlexFlashController id="FlexFlash-0" productName="Cisco FlexFlash"
  fwVersion="1.3.2 build 165" vendor="Cypress" controllerStatus="OK"
  internalState="Connected" cardsManageable="Yes" partitionName="" autoSync=""
  cardSlot="" nonUtilPartitionName="" adminAction="no-op"
  dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0"
  status="modified" >
  </storageFlexFlashController>
</outConfig>
</configConfMo>
```

FlexFlash カードの設定

要求:

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0"
cookie="1486399519/3d53f281-47e0-17e0-800a-3a42e2caa600" inHierarchical="false">
<inConfig>
  <storageFlexFlashController
  dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0"
  adminAction="configure-cards" cardSlot="slot-2"
  partitionName="HV-home" autoSync="yes" >
  </storageFlexFlashController>
</inConfig>
</configConfMo>
```

応答:

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0"
cookie="1486399519/3d53f281-47e0-17e0-800a-3a42e2caa600" response="yes">
<outConfig>
  <storageFlexFlashController id="FlexFlash-0" productName="Cisco FlexFlash"
  fwVersion="1.3.2 build 165" vendor="Cypress" controllerStatus="OK"
  internalState="Disconnected" cardsManageable="Yes" partitionName=""
  autoSync="" cardSlot="" nonUtilPartitionName="" adminAction="no-op"
```

```

    dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0" status="modified" >
  </storageFlexFlashController>
</outConfig>
</configConfMo>

```

FlexFlash コントローラの仮想ドライブの有効化

要求：

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
cookie="1486401111/94fb4c13-47e0-17e0-800b-3a42e2caa600" inHierarchical="false">
  <inConfig>
    <storageFlexFlashVirtualDrive
      dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
      adminAction="enable-vd"/>
    </inConfig>
  </configConfMo>

```

応答：

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
cookie="1486401111/94fb4c13-47e0-17e0-800b-3a42e2caa600" response="yes">
  <outConfig>
    <storageFlexFlashVirtualDrive virtualDrive="HV-sys"
      partitionId="1" driveScope="Raid" size="60901 MB"
      driveStatus="Healthy" hostAccessible="Connected"
      driveType="Removable" operationInProgress="NA"
      lastOperationStatus="none" adminAction="no-op"
      dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
      status="modified" >
    </storageFlexFlashVirtualDrive>
  </outConfig>
</configConfMo>

```

FlexFlash コントローラの仮想ドライブの無効化

要求：

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
cookie="1486401111/94fb4c13-47e0-17e0-800b-3a42e2caa600" inHierarchical="false">
  <inConfig>
    <storageFlexFlashVirtualDrive dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
      adminAction="disable-vd"/>
    </inConfig>
  </configConfMo>

```

応答：

```

<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
cookie="1486401111/94fb4c13-47e0-17e0-800b-3a42e2caa600" response="yes">
  <outConfig>
    <storageFlexFlashVirtualDrive virtualDrive="HV-Velu" partitionId="1"
      driveScope="Raid" size="60901 MB" driveStatus="Healthy"
      hostAccessible="Not-Connected" driveType="Removable"
      operationInProgress="NA" lastOperationStatus="none"
      adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
      status="modified" >
    </storageFlexFlashVirtualDrive>
  </outConfig>
</configConfMo>

```

FlexFlash コントローラの仮想ドライブの消去

要求 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
cookie="1486401111/94fb4c13-47e0-17e0-800b-3a42e2caa600" inHierarchical="false">
<inConfig>
  <storageFlexFlashVirtualDrive dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"

    adminAction="erase-vd"/>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
cookie="1486401111/94fb4c13-47e0-17e0-800b-3a42e2caa600" response="yes">
<outConfig>
  <storageFlexFlashVirtualDrive virtualDrive="HV-Velu" partitionId="1"
driveScope="Raid" size="60901 MB" driveStatus="Healthy" hostAccessible="Connected"
driveType="Removable" operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
status="modified" >
</storageFlexFlashVirtualDrive>
</outConfig>
</configConfMo>
```

FlexFlash コントローラの仮想ドライブの同期

要求 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
cookie="1486402018/3a29d74d-47e0-17e0-800c-3a42e2caa600" inHierarchical="false">
<inConfig>
  <storageFlexFlashVirtualDrive dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"

    adminAction="sync-vd"/>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
cookie="1486402018/3a29d74d-47e0-17e0-800c-3a42e2caa600" response="yes">
<outConfig>
  <storageFlexFlashVirtualDrive virtualDrive="HV-sys" partitionId="1"
driveScope="Raid" size="60901 MB" driveStatus="Degraded"
hostAccessible="Not-Connected" driveType="Removable"
operationInProgress="NA" lastOperationStatus="none"
adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1"
status="modified" >
</storageFlexFlashVirtualDrive>
</outConfig>
</configConfMo>
```

FlexFlash カードの運用プロファイルの表示

要求 :

```
<configResolveClass cookie='1487358764/81211fa8-48bf-18bf-8009-8446e2caa600'
classId='storageFlexFlashOperationalProfile' inHierarchical='false'>
</configResolveClass>
```

応答：

```
<configResolveClass cookie="1487358764/81211fa8-48bf-18bf-8009-8446e2caa600"
response="yes" classId="storageFlexFlashOperationalProfile">
  <outConfigs>
    <storageFlexFlashOperationalProfile
      dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/oper-profile"
      controller="FlexFlash-0" operatingMode="mirror"
      rdErrCountSlot1Threshold="0" wrErrCshold="0"
      rdErrCountSlot2Threshold="NA" wrErrCountSlot2Threshold="NA" adminAction="no-op" >
    </storageFlexFlashOperationalProfile>
  </outConfigs>
</configResolveClass>
```

FlexFlash 物理ドライブ情報の表示

要求：

```
<configResolveClass cookie='1487358764/81211fa8-48bf-18bf-8009-8446e2caa600'
classId='storageFlexFlashPhysicalDrive' inHierarchical='false'>
</configResolve>
```

応答：

```
<configResolveClass cookie="1487358764/81211fa8-48bf-18bf-8009-8446e2caa600"
response="yes" classId="storageFlexFlashPhysicalDrive">
  <outConfig>
    <storageFlexFlashPhysicalDrive physicalDrive="SLOT-1" physicalDriveId="1"
      controller="FlexFlash-0" slotNumber="SLOT-1" cardMode="mirror-primary"
      pdStatus="present" health="healthy" syncModedType="FX3S configured"
      cardStatus="active" capacity="30436 MB" writeEnabled="true" readErrorCount="0"
      readErrorThreshold="0" writeErrorCount="0" writeErrorThreshold="0"
      productName="SE32G"ion="8.0" serialNumber="0x23f21a2d" manufacturerId="3"
      oemId="SD" manufacturerDate="7/16" blockSize="512 bytes"
      passwordProtected="false" partitionCount="1"
      drivesEnabled="Hypervisor" signa22308534403e21a4b24085344"
      dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/card-1" >
    </storageFlexFlashPhysicalDrive>
    <storageFlexFlashPhysicalDrive physicalDrive="SLOT-2"
      physicalDriroller="FlexFlash-0" slotNumber="SLOT-2"
      cardMode="mirror-secondary" pdStatus="present"
      health="healthy" syncMode="manual" cardType="FX3S configured"
      cardStatus="active" capacity="30436 MB"="true"
      readErrorCount="0" readErrorThreshold="0" writeErrorCount="0"
      writeErrorThreshold="0" productName="SE32G" productRevision="8.0"
      serialNumber="0x244b1ae2" manufacturerId="3" oemId="SerDate="7/16"
      blockSize="512 bytes" passwordProtected="false" partitionCount="1"
      drivesEnabled="Hypervisor" signature="032d1af22308534403e21a4b24085344"
      dn="sys/rack-unit-1/board/storage-llash-0/card-2" >
    </storageFlexFlashPhysicalDrive>
  </outConfig>
</configResolveClass>
```

FlexFlash 仮想ドライブ情報の表示

要求：

```
<configResolveClass cookie='1487358764/81211fa8-48bf-18bf-8009-8446e2caa600'
classId='storageFlexFlashVirtualDrive' inHierarchical='false'>
</configResolve>
```

応答：

```
<configResolveClass cookie="1487358764/81211fa8-48bf-18bf-8009-8446e2caa600"
```

```

response="yes" classId="storageFlexFlashVirtualDrive">
<outConfig>
  <storageFlexFlashVirtualDrive virtualDrive="Hypervisor"
    partitionId="1" driveScope="Raid" size="30432 MB"
    driveStatus="Healthy" hostAccessible="Connected" driveType="Removable"
    operationInPlastOperationStatus="Sync-Success"
    adminAction="no-op" dn="sys/rack-unit-1/board/storage-flexflash-FlexFlash-0/vd-1" >
  </storageFlexFlashVirtualDrive>
</outConfig>
</configResolveClass>

```

スマート アクセス USB の有効化

要求 :

```

<configConfMo dn="sys/rack-unit-1"
  cookie="1497203212/4b22e03e-51b3-11b3-8003-8f244411332c" inHierarchical="false" >
  <inConfig>
    <computeRackUnit dn="sys/rack-unit-1" smartUsbAccess="Enabled"/>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1"
  cookie="1497203212/4b22e03e-51b3-11b3-8003-8f244411332c" response="yes">
  <outConfig>
    <computeRackUnit dn="sys/rack-unit-1" adminPower="policy"
      availableMemory="16384" model="UCSC-Cxxx-MXSN" memorySpeed="2666"
      name="UCS Cxxx MXSN" numofAdaptors="0" numofCores="24" numofCoresEnabled="24"
      numofCpus="2" numofEthHostIfs="0" numofFcHostIfs="0" numofThreads="48"
      operPower="on" originalUuid="6844CD29-C885-46F2-9D90-D57DD4DFAC93"
      presence="equipped" serverId="1" serial="WZP211704KF" totalMemory="16384"
      usrLbl="" uuid="6844CD29-C885-46F2-9D90-D57DD4DFAC93" vendor="Cisco Systems Inc"
      cimcResetReason="graceful-reboot" assetTag="Unknown" adaptorSecureUpdate="Enabled"
      resetComponents="components" storageResetStatus="NA" vicResetStatus="NA"
      bmcResetStatus="NA" smartUsbAccess="enabled"
      smartUsbStatus="MassStorageAttached" status="modified" >
    </computeRackUnit>
  </outConfig>
</configConfMo>

```

スマート アクセス USB の無効化

要求 :

```

<configConfMo dn="sys/rack-unit-1"
  cookie="1486025180/103e9486-4789-1789-8002-5bf676c63d84" inHierarchical="false">
  <inConfig>
    <computeRackUnit dn="sys/rack-unit-1" smartUsbAccess="Disabled"/>
  </inConfig>
</configConfMo>

```

応答 :

```

<configConfMo dn="sys/rack-unit-1"
  cookie="1486025180/103e9486-4789-1789-8002-5bf676c63d84" response="yes">
  <outConfig>
    <computeRackUnit dn="sys/rack-unit-1" adminPower="policy"
      availableMemory="196608" model="UCSC-Cxxx-MXL" memorySpeed="2400"
      name="UCS Cxxx MXL" numofAdaptors="1" numofCores="48" numofCoresEnabled="48"
      numofCpus="2" numofEthHostIfs="0" numofFcHostIfs="0" numofThreads="96"
      operPower="off" originalUuid="00020003-0004-0005-0006-000700080009"
      presence="equipped" serverId="1" serial="WZP20420GS7" totalMemory="196608"
      usrLbl="" uuid="00020003-0004-0005-0006-000700080009"
      vendor="Cisco Systems Inc" cimcResetReason="graceful-reboot"

```

```

    assetTag="Unknown" adaptorSecureUpdate="Enabled"
    smartUsbAccess="disabled" status="modified"/>
  </outConfig>
</configConfMo>

```

前面パネルの USB デバイスによる BMC イメージの更新

要求：

```

<configConfMo dn="sys/rack-unit-1/mgmt/fw-updatable"
cookie="1486025180/103e9486-4789-1789-8002-5bf676c63d84" inHierarchical="false">
  <inConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/mgmt/fw-updatable" adminState="trigger"
      type="blade-controller" source="usb" usbPath="BMC-Image_copied_in_usb">
    </firmwareUpdatable>
  </inConfig>
</configConfMo>

```

応答：

```

<configConfMo dn="sys/rack-unit-1/mgmt/fw-updatable"
cookie="1486025180/103e9486-4789-1789-8002-5bf676c63d84" 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="3.1(0.36)" protocol="none"
      remoteServer="" remotePath="" user="" pwd="" progress="5" type="blade-controller"
      secureBoot="enabled" source="" usbPath="" status="modified" >
    </firmwareUpdatable>
  </outConfig>
</configConfMo>

```

前面パネルの USB デバイスによる BIOS ファームウェアの更新

要求：

```

<configConfMo dn="sys/rack-unit-1/bios/fw-updatable"
cookie="1486025180/103e9486-4789-1789-8002-5bf676c63d84" inHierarchical="false">
  <inConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/bios/fw-updatable" adminState="trigger"
      type="blade-bios" source="usb" usbPath="bios image copied in USB" >
    </firmwareUpdatable>
  </inConfig>
</configConfMo>

```

応答：

```

<configConfMo dn="sys/rack-unit-1/bios/fw-updatable"
cookie="1486025180/103e9486-4789-1789-8002-5bf676c63d84" response="yes">
  <outConfig>
    <firmwareUpdatable dn="sys/rack-unit-1/bios/fw-updatable"
      description="BIOS firmware version" adminState="triggered"
      deployment="backup" operState="ready" version="CxxxMX.3.1.0.137"
      protocol="none" remoteServer="" remotePath="" user="" pwd=""
      progress="None, OK" type="blade-bios" status="modified"/>
  </outConfig>
</configConfMo>

```

前面パネルの USB デバイスによる VIC ファームウェアの更新

要求 :

```
<configConfMo dn="sys/rack+K8-unit-1/adaptor-MLOM/mgmt/fw-updatable"
cookie="1486039310/303698f7-478c-178c-8004-5bf676c63d84" inHierarchical="false">
<inConfig>
  <firmwareUpdatable dn="sys/rack-unit-1/adaptor-MLOM/mgmt/fw-updatable"
    adminState="trigger" type="adaptor" source="usb" usbPath="Cruz.bin">
  </firmwareUpdatable>
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/adaptor-MLOM/mgmt/fw-updatable"
cookie="1486039310/303698f7-478c-178c-8004-5bf676c63d84" response="yes">
<outConfig>
  <firmwareUpdatable dn="sys/rack-unit-1/adaptor-MLOM/mgmt/fw-updatable"
    description="Cisco VIC adapter backup firmware version" adminState="triggered"
    deployment="backup" operState="Update in progress" protocol="none" remoteServer=""
    remotePath="" user="" pwd="" progress="Stage: Writing (66%), Status: Update in progress,
    Error: No error" type="adaptor" status="modified" >
  </firmwareUpdatable>
</outConfig>
</configConfMo>
```

前面パネルの USB デバイスからの Cisco IMC 設定のインポート

要求 :

```
<configConfMo dn="sys/import-config"
cookie="1486028800/059cd6b8-478a-178a-8002-5bf676c63d84" inHierarchical="false">
<inConfig>
  <mgmtImporter adminState="enabled" source="usb" usbPath="export1.xml"
    passphrase="123456" />
</inConfig>
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/import-config"
cookie="1486028800/059cd6b8-478a-178a-8002-5bf676c63d84" response="yes">
<outConfig>
  <mgmtImporter dn="sys/import-config" adminState="enabled"
    fsmStageDescr="Applying configuration" fsmRmtInvErrCode=""
    fsmRmtInvErrDescr="NONE" fsmDescr="import-config" proto="none"
    hostname="" remoteFile="" user="" pwd="" passphrase="" source=""
    usbPath="" status="modified" >
  </mgmtImporter>
</outConfig>
</configConfMo>
```

前面パネルの USB デバイスへの Cisco IMC 設定のエクスポート

要求 :

```
<configConfMo dn="sys/export-config"
cookie="1486029151/22271dbf-4789-1789-8002-5bf676c63d84" inHierarchical="false">
<inConfig>
  <mgmtBackup adminState="enabled" source="usb" usbPath="newexport1.xml" passphrase="123456"
  />
</inConfig>
```



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

応答 :

```
<configConfMo dn="sys/export-config"  
cookie="1486029151/22271dbf-4789-1789-8002-5bf676c63d84" response="yes">  
<outConfig>  
<mgmtBackup dn="sys/export-config" adminState="enabled"  
fsmStageDescr="Collecting configuration data" fsmRmtInvErrCode=""  
fsmRmtInvErrDescr="NONE" fsmDescr="export-config" proto="none"  
hostname="" remoteFile="" user="" pwd="" passphrase="" source=""  
usbPath="" status="modified" >  
</mgmtBackup>  
</outConfig>  
</configConfMo>
```

前面パネルの USB デバイスへのテクニカル サポート ファイルのエクスポート

要求 :

```
<configConfMo dn="sys/rack-unit-1/tech-support"  
cookie="1486029151/22271dbf-4789-1789-8002-5bf676c63d84" inHierarchical="false">  
<inConfig>  
<sysdebugTechSupportExport dn="sys/rack-unit-1/tech-support"  
adminState="enabled" source="usb" usbPath=" ts3.tgz">  
</sysdebugTechSupportExport>  
</inConfig>  
</configConfMo>
```

応答 :

```
<configConfMo dn="sys/rack-unit-1/tech-support"  
cookie="1486031612/51ae3ae7-478a-178a-8003-5bf676c63d84" response="yes">  
<outConfig>  
<sysdebugTechSupportExport dn="sys/rack-unit-1/tech-support"  
adminState="enabled" hostname="10.104.236.99" protocol="tftp"  
remoteFile="tars.tar.gz" user="user" pwd="" fsmStageDescr="collecting"  
fsmProgr="35" fsmStatus="35" source="" usbPath="" status="modified"/>  
</outConfig>  
</configConfMo>
```

