



# Cisco UCS XML Object-Access Privileges

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This chapter includes the following sections:

- [Privileges Summary Table, on page 1](#)
- [Privileges, on page 3](#)

## Privileges Summary Table

When users are assigned to a role, that role allows certain privileges. Those privileges allow the user access to specific system resources and authorize permission to perform tasks on those resources. The following table lists each privilege and the initial default user role that has been given that privilege.

Internal Name	Label	Description	Default Role Assignment
<a href="#">aaa, on page 3</a>	AAA	System security and AAA	AAA Administrator
<a href="#">admin, on page 4</a>	ADMIN	Access to everything (combines all roles)	Administrator
<a href="#">ext-lan-config, on page 4</a>	EXT_LAN_CONFIG	Configuration of network end points, UCDs, etc.	Network Administrator
<a href="#">ext-lan-policy, on page 4</a>	EXT_LAN_POLICY	External network policies	Network Administrator
<a href="#">ext-lan-qos, on page 5</a>	EXT_LAN_QOS	External LAN QoS	Network Administrator
<a href="#">ext-lan-security, on page 5</a>	EXT_LAN_SECURITY	External LAN security	Network Administrator
<a href="#">ext-san-config, on page 5</a>	EXT_SAN_CONFIG	Configuration of network end points, UCDs, etc.	Storage Administrator
<a href="#">ext-san-policy, on page 6</a>	EXT_SAN_POLICY	External SAN policy	Storage Administrator
<a href="#">ext-san-qos, on page 6</a>	EXT_SAN_QOS	External SAN QoS	Storage Administrator

## Privileges Summary Table

<b>Internal Name</b>	<b>Label</b>	<b>Description</b>	<b>Default Role Assignment</b>
<a href="#">ext-san-security, on page 6</a>	EXT_SAN_SECURITY	External SAN security (VACLs, etc.)	Storage Administrator
<a href="#">fault, on page 6</a>	FAULT	Alarms, alarm policies, etc.	Operations
<a href="#">ls-config, on page 7</a>	LS_CONFIG	Service profile configuration	Server Profile Administrator
<a href="#">ls-config-policy, on page 7</a>	LS_CONFIG_POLICY	Service profile configuration policy	Server Profile Administrator
<a href="#">ls-ext-access, on page 8</a>	LS_EXT_ACCESS	Service profile end point access	Server Profile Administrator
<a href="#">ls-network, on page 8</a>	LS_NETWORK	Service profile network	Network Administrator
<a href="#">ls-network-policy, on page 8</a>	LS_NETWORK_POLICY	Setting up MAC pools, etc.	Network Administrator
<a href="#">ls-power, on page 9</a>	LS_POWER	LS power management	Facility Manager
<a href="#">ls-qos, on page 9</a>	LS_QOS	Service profile QoS	Network Administrator
<a href="#">ls-qos-policy, on page 9</a>	LS_QOS_POLICY	Setting up ls-level QoS	Network Administrator
<a href="#">ls-security, on page 10</a>	LS_SECURITY	Service profile security	Server Security Administrator
<a href="#">ls-security-policy, on page 10</a>	LS_SECURITY_POLICY	Setting up security policies	Server Security Administrator
<a href="#">ls-server, on page 10</a>	LS_SERVER	Service profile server management	Server Security Administrator
<a href="#">ls-server-oper, on page 11</a>	LS_SEVER_OPER	Server profile consumer role	Server Profile Administrator
<a href="#">ls-server-policy, on page 11</a>	LS_SERVER_POLICY	Service profile pool policy	Server Security Administrator
<a href="#">ls-storage, on page 11</a>	LS_STORAGE	Service profile storage	Storage Administrator
<a href="#">ls-storage-policy, on page 12</a>	LS_STORAGE_POLICY	Service profile storage policy	Storage Administrator
<a href="#">operations, on page 12</a>	OPERATIONS	Logs, call home functionality, etc.	Operations

Internal Name	Label	Description	Default Role Assignment
<a href="#">pn-equipment, on page 13</a>	PN_EQUIPMENT	Server hardware management	Server Equipment Administrator
<a href="#">pn-maintenance, on page 13</a>	PN_MAINTENANCE	Server maintenance (update BIOS, etc.)	Server Equipment Administrator
<a href="#">pn-policy, on page 14</a>	PN_POLICY	Physical server policies	Server Equipment Administrator
<a href="#">pn-security, on page 14</a>	PN_SECURITY	Physical node security	Server Equipment Administrator
<a href="#">pod-config, on page 14</a>	POD_CONFIG	Pod configuration	Network Administrator
<a href="#">pod-policy, on page 15</a>	POD_POLICY	Pod policies	Network Administrator
<a href="#">pod-qos, on page 15</a>	POD_QOS	Internal pod-QoS (if needed)	Network Administrator
<a href="#">pod-security, on page 15</a>	POD_SECURITY	Pod security	Network Administrator
<a href="#">power-mgmt, on page 15</a>	POWER_MGMT	Data center power management	Facility Manager
<a href="#">read-only, on page 16</a>	READ_ONLY	Read-only access	Available to all roles

# Privileges

## aaa

### Purpose

System security and AAA.

This privilege has read and write access to all users, roles, AAA, and communication services configuration. Read access is available for all other objects.

### Responsible Role

AAA Administrator

### Controlled Objects

aaa:AuthRealm, aaa:EpAuthProfile, aaa:EpUser, aaa:ExtMgmtCutThruTkn, aaa:LdapEp, aaa:LdapProvider, aaa:Locale, aaa:Log, aaa:Org, aaa:RadiusEp, aaa:RadiusProvider, aaa:RemoteUser, aaa:Role, aaa:Session,

aaa:SshAuth, aaa:TacacsPlusEp, aaa:TacacsPlusProvider, aaa:User, aaa:UserEp, aaa:UserLocale, aaa:UserRole, comm:Cimxml, comm:Dns, comm:DnsProvider, comm:EvtChannel, comm:Http, comm:Https, comm:SmashCLP, comm:Snmp, comm:SnmpTrap, comm:SnmpUser, comm:Ssh, comm:SvcEp, comm:Telnet, comm:WebChannel, comm:Wsman, comm:XmlClConnPolicy, comm:XmlClConnPolicy, pki:CertReq, pki:KeyRing, pki:TP

## admin

### Purpose

System administration

### Responsible Role

Administrator

### Controlled Objects

This role is system level. The administrator controls all objects.

## ext-lan-config

### Purpose

External LAN configuration

### Responsible Role

Network Administrator

### Controlled Objects

adaptor:ExtIf, adaptor:ExtEthIf, adaptor:HostIf, adaptor:HostEthIf, adaptor:HostFcIf, comm:DateTime, comm:Dns, comm:DnsProvider, comm:NtpProvider, fabric:EthLan, fabric:EthLanEp, fabric:EthLanPc, fabric:EthLanPcEp, fabric:LanCloud, fabric:LanPinGroup, fabric:LanPinTarget, fabric:Vlan, macpool:Format, network:Element, top:System, vnic:FcOEIf, vnic:LanConnTempl

## ext-lan-policy

### Purpose

External LAN policy

### Responsible Role

Network Administrator

**Controlled Objects**

adaptor:ExtIf, adaptor:ExtEthIf, adaptor:HostIf, adaptor:HostEthIf, adaptor:HostFcIf, fabric:EthLan, fabric:EthLanEp, fabric:EthLanPc, fabric:EthLanPcEp, fabric:LanCloud, fabric:LanPinGroup, fabric:LanPinTarget, fabric:VCon, fabric:VConProfile, fabric:Vlan, macpool:Format, vnic:FcOEIf, vnic:LanConnTempl

## ext-lan-qos

**Purpose**

External LAN QoS

**Responsible Role**

Network Administrator

**Controlled Objects**

qosclass:Definition, qosclass:EthBE, qosclass:EthClassified, qosclass:Fc

## ext-lan-security

**Purpose**

External LAN security

**Responsible Role**

Network Administrator

**Controlled Objects**

comm:DateTime, comm:NtpProvider

## ext-san-config

**Purpose**

External SAN configuration

**Responsible Role**

Storage Administrator

**Controlled Objects**

fabric:FcSan, fabric:FcSanEp, fabric:FcSanPc, fabric:FcSanPcEp, fabric:FcVsanPortEp, fabric:SanPinGroup, fabric:SanPinTarget, fabric:Vsan, fcpool:Format, vnic:FcOEIf

**ext-san-policy**

## ext-san-policy

**Purpose**

External SAN policy

**Responsible Role**

Storage Administrator

**Controlled Objects**

fabric:FcSan, fabric:FcSanEp, fabric:FcSanPc, fabric:FcSanPcEp, fabric:FcVsanPortEp, fabric:SanPinGroup, fabric:SanPinTarget, fabric:Vsan, fcpool:Format, vnic:FcOEIf

## ext-san-qos

**Purpose**

External SAN QoS

**Responsible Role**

Storage Administrator

**Controlled Objects**

qosclass:Definition, qosclass:EthBE, qosclass:EthClassified, qosclass:Fc

## ext-san-security

**Purpose**

External SAN security

**Responsible Role**

Storage Administrator

**Controlled Objects**

There are no objects assigned to this privilege.

## fault

**Purpose**

Alarms and alarm policies

**Responsible Role**

Operations

**Controlled Objects**

callhome:Policy, event:EpCtrl, event:Log, fault:Holder, fault:Inst, fault:Policy

## **ls-config**

**Purpose**

Service profile configuration

**Responsible Role**

Server Profile Administrator

**Controlled Objects**

bios:VFeat, bios:VfConsoleRedirection, bios:VfEnhancedIntelSpeedStepTech, bios:VfFrontPanelLockout, bios:VfIntelHyperThreadingTech, bios:VfIntelTurboBoostTech, bios:VfIntelVTForDirectedIO, bios:VfIntelVirtualizationTechnology, bios:VfLvDIMMSupport, bios:VfMirroringMode, bios:VfNUMAOptimized, bios:VfProcessorC3Report, bios:VfProcessorC6Report, bios:VfQuietBoot, bios:VfResumeOnACPowerLoss, bios:VfSelectMemoryRASConfiguration, bios:VProfile, extvmm:Ep, extvmm:KeyRing, extvmm:KeyStore, extvmm:MasterExtKey, extvmm:Provider, extvmm:SwitchDelTask, ls:ComputeBinding, ls:Binding, ls:Requirement, ls:Power, ls:Server, ls:Tie, lsboot:Def, lsboot:Lan, lsboot:LanImagePath, lsboot:LocalStorage, lsboot:SanImage, lsboot:SanImagePath, lsboot:Storage, lsboot:VirtualMedia, org:Org, power:Group, power:Regulation, power:Rule, sol:Config, storage:LocalDiskConfigDef, storage:LocalDiskPartition, vm:Cont, vm:DirCont, vm:DC, vm:DCOrg, vm:Org, vm:Switch, vm:DC, vm:DCOrg, vm:Org, vm:Switch, vm:VnicProfCl, vnic:BootTarget, vnic:DynamicCon, vnic:Ether, vnic:EtherIf, vnic:Fc, vnic:FcIf, vnic:FcOEIf, vnic:IPv4Dhcp, vnic:IPv4Dns, vnic:IPv4If, vnic:IPv4StaticRoute, vnic:IpV4PooledAddr, vnic:IpV4StaticAddr, vnic:Ipc, vnic:IpcIf, vnic:Scsi, vnic:ScsiIf

## **ls-config-policy**

**Purpose**

Service profile configuration policy

**Responsible Role**

Server Profile Administrator

**Controlled Objects**

adaptor:EthCompQueueProfile, adaptor:EthFailoverProfile, adaptor:EthInterruptProfile, adaptor:EthOffloadProfile, adaptor:EthRecvQueueProfile, adaptor:EthWorkQueueProfile, adaptor:ExtIpV6RssHashProfile, adaptor:FcCdbWorkQueueProfile, adaptor:FcErrorRecoveryProfile, adaptor:FcInterruptProfile, adaptor:FcPortFLogiProfile, adaptor:FcPortPLogiProfile, adaptor:FcPortProfile, adaptor:FcRecvQueueProfile, adaptor:FcWorkQueueProfile, adaptor:HostEthIfProfile, adaptor:HostFcIfProfile,

**ls-ext-access**

adaptor:Ipv4RssHashProfile, adaptor:Ipv6RssHashProfile, adaptor:RssProfile, extvmm:Ep, extvmm:KeyRing, extvmm:KeyStore, extvmm:MasterExtKey, extvmm:Provider, extvmm:SwitchDelTask, firmware:ComputeHostPack, firmware:ComputeMgmtPack, ls:AgentPolicy, ls:ComputeBinding, ls:Binding, ls:Requirement, ls:Tier, lsboot:Def, lsboot:Lan, lsboot:LanImagePath, lsboot:LocalStorage, lsboot:Policy, lsboot:SanImage, lsboot:SanImagePath, lsboot:Storage, lsboot:VirtualMedia, org:Org, sol:Config, sol:Policy, storage:LocalDiskConfigDef, storage:LocalDiskConfigPolicy, storage:LocalDiskPartition, vm:Cont, vm:DirCont, vm:DC, vm:DCOrg, vm:Org, vm:Switch, vm:DC, vm:DCOrg, vm:Org, vm:Switch, vm:VnicProfCl

**ls-network****Purpose**

Service profile end point access

**Responsible Role**

Server Profile Administrator

This privilege is not used.

**ls-network****Purpose**

Service profile network

**Responsible Role**

Network Administrator

**Controlled Objects**

dpsec:Mac, extvmm:Provider, extvmm:SwitchDelTask, fabric:DceSwSrvEp, fabric:VCon, fabric:VConProfile, flowctrl:Definition, flowctrl:Item, macpool:Format, nwctrl:Definition, qos:Definition, epqos:Definition, epqos:DefinitionDelTask, qosclass:Definition, qos:Item, epqos:Item, epqos:Egress, qosclass:Item, qosclass:Eth, qosclass:EthBE, qosclass:EthClassified, qosclass:Fc, vm:Cont, vm:DirCont, vm:DC, vm:DCOrg, vm:Org, vm:Switch, vm:DC, vm:DCOrg, vm:Org, vm:Switch, vm:VnicProfCl, vnic:DefBeh, vnic:DynamicCon, vnic:DynamicConPolicy, vnic:DynamicIdUniverse, vnic:Ether, vnic:EtherIf, vnic:IPv4Dhcp, vnic:IPv4Dns, vnic:IPv4If, vnic:IPv4StaticRoute, vnic:IpV4PooledAddr, vnic:IpV4StaticAddr, vnic:Ipc, vnic:IpcIf, vnic:LanConnTempl, vnic:Profile, vnic:ProfileSet

**ls-network-policy****Purpose**

Service profile network policy

**Responsible Role**

Network Administrator

**Controlled Objects**

dpsec:Mac, fabric:DceSrv, fabric:DceSwSrv, fabric:DceSwSrvEp, fabric:EthDiag, fabric:FcDiag, fabric:VCon, fabric:VConProfile, flowctrl:Definition, flowctrl:Item, ippool:Block, ippool:Pool, macpool:Block, macpool:Format, macpool:Pool, nwctrl:Definition, qos:Definition, epqos:Definition, epqos:DefinitionDelTask, qosclass:Definition, qos:Item, epqos:Item, epqos:Egress, qosclass:Item, qosclass:Eth, qosclass:EthBE, qosclass:EthClassified, qosclass:Fc, uuidpool:Block, vnic:DynamicCon, vnic:DynamicConPolicy, vnic:DynamicIdUniverse, vnic:LanConnTempl, vnic:Profile, vnic:ProfileSet

**ls-power****Purpose**

Service profile power management

**Responsible Role**

Facility Manager

**ls-qos****Purpose**

Service profile

**Responsible Role**

QoS Network Administrator

This privilege is not used.

**ls-qos-policy****Purpose**

Service profile QoS policy

**Responsible Role**

Network Administrator

**Controlled Objects**

flowctrl:Definition, flowctrl:Item, qos:Definition, epqos:Definition, epqos:DefinitionDelTask, qosclass:Definition, qos:Item, epqos:Item, epqos:Egress, qosclass:Item, qosclass:Eth, qosclass:EthBE, qosclass:EthClassified, qosclass:Fc

## ls-security

**Purpose**

Service profile security

**Responsible Role**

Server Security Administrator

**Controlled Objects**

aaa:EpAuthProfile, aaa:EpUser

## ls-security-policy

**Purpose**

Service profile security policy

**Responsible Role**

Server Security Administrator

**Controlled Objects**

aaa:EpAuthProfile, aaa:EpUser

## ls-server

**Purpose**

Service profile server management

**Responsible Role**

Server Security Administrator

**Controlled Objects**

bios:VFeat, bios:VfConsoleRedirection, bios:VfEnhancedIntelSpeedStepTech, bios:VfFrontPanelLockout, bios:VfIntelHyperThreadingTech, bios:VfIntelTurboBoostTech, bios:VfIntelVTForDirectedIO, bios:VfIntelVirtualizationTechnology, bios:VfLvDIMMSupport, bios:VfMirroringMode, bios:VfNUMAOptimized, bios:VfProcessorC3Report, bios:VfProcessorC6Report, bios:VfQuietBoot, bios:VfResumeOnACPowerLoss, bios:VfSelectMemoryRASConfiguration, bios:VProfile, ls:ComputeBinding, ls:Binding, ls:Requirement, ls:Power, ls:Server, ls:Tier, lsboot:Def, lsboot:Lan, lsboot:LanImagePath, lsboot:LocalStorage, lsboot:SanImage, lsboot:SanImagePath, lsboot:Storage, lsboot:VirtualMedia, power:Group, power:Regulation, power:Rule, sol:Config, storage:LocalDiskConfigDef, storage:LocalDiskPartition, vnic:BootTarget, vnic:DefBeh, vnic:DynamicCon, vnic:Ether, vnic:EtherIf, vnic:Fc, vnic:FcIf, vnic:FcNode, vnic:FcOEI, vnic:IPv4Dhcp, vnic:IPv4Dns, vnic:IPv4If, vnic:IPv4StaticRoute, vnic:IpV4PooledAddr, vnic:IpV4StaticAddr, vnic:Ipc, vnic:IpcIf, vnic:Sesi, vnic:SesiIf

## ls-server-oper

### Purpose

Service profile consumer role

This privilege controls these operations on the service profile:

- Launch KVM
- Boot Server
- Shutdown Server
- Reset

### Responsible Role

Server Profile Administrator

## ls-server-policy

### Purpose

Service profile pool policy

### Responsible Role

Server Security Administrator

### Controlled Objects

adaptor:EthCompQueueProfile, adaptor:EthFailoverProfile, adaptor:EthInterruptProfile,  
 adaptor:EthOffloadProfile, adaptor:EthRecvQueueProfile, adaptor:EthWorkQueueProfile,  
 adaptor:ExtIpV6RssHashProfile, adaptor:FcCdbWorkQueueProfile, adaptor:FcErrorRecoveryProfile,  
 adaptor:FcInterruptProfile, adaptor:FcPortFLogiProfile, adaptor:FcPortPLogiProfile, adaptor:FcPortProfile,  
 adaptor:FcRecvQueueProfile, adaptor:FcWorkQueueProfile, adaptor:HostEthIfProfile, adaptor:HostFcIfProfile,  
 adaptor:IpV4RssHashProfile, adaptor:IpV6RssHashProfile, adaptor:RssProfile, bios:VFeat,  
 bios:VfConsoleRedirection, bios:VfEnhancedIntelSpeedStepTech, bios:VfFrontPanelLockout,  
 bios:VfIntelHyperThreadingTech, bios:VfIntelTurboBoostTech, ios:VfIntelVTForDirectedIO,  
 bios:VfIntelVirtualizationTechnology, bios:VfLvDIMMSupport, bios:VfMirroringMode,  
 bios:VfNUMAOptimized, bios:VfProcessorC3Report, bios:VfProcessorC6Report, bios:VfQuietBoot,  
 bios:VfResumeOnACPowerLoss, bios:VfSelectMemoryRASConfiguration, bios:VProfile, fabric:VCon,  
 fabric:VConProfile, firmware:ComputeHostPack, firmware:ComputeMgmtPack, ls:AgentPolicy,  
 ls:ComputeBinding, ls:Binding, ls:Requirement, ls:Power, ls:Tier, lsboot:Policy, power:Group,  
 power:Regulation, power:Rule

## ls-storage

### Purpose

Service profile storage

**ls-storage-policy****Responsible Role**

Storage Administrator

**Controlled Objects**

fcpool:Format, lsboot:Def, lsboot:Lan, lsboot:LanImagePath, lsboot:LocalStorage, lsboot:SanImage, lsboot:SanImagePath, lsboot:Storage, lsboot:VirtualMedia, storage:LocalDiskConfigDef, storage:LocalDiskConfigPolicy, storage:LocalDiskPartition, uidpool:Format, vnic:BootTarget, vnic:DefBeh, vnic:Fc, vnic:FcIf, vnic:FcNode, vnic:FcOEIf, vnic:SanConnTempl, vnic:Scsi, vnic:ScsiIf

**ls-storage-policy****Purpose**

Service profile storage policy

**Responsible Role**

Storage Administrator

**Controlled Objects**

fabric:VCon, fabric:VConProfile, fcpool:Block, fcpool:BootTarget, fcpool:Format, fcpool:Initiator, fcpool:Initiators, lsboot:Def, lsboot:Lan, lsboot:LanImagePath, lsboot:LocalStorage, lsboot:SanImage, lsboot:SanImagePath, lsboot:Storage, lsboot:VirtualMedia, storage:LocalDiskConfigDef, storage:LocalDiskConfigPolicy, storage:LocalDiskPartition, uidpool:Format, vnic:SanConnTempl

**operations****Purpose**

Logs and Smart Call Home

**Responsible Role**

Operations

**Controlled Objects**

aaa:Log, callhome:Dest, callhome:Ep, callhome:PeriodicSystemInventory, callhome:Profile, callhome:Smtip, callhome:Source, callhome:TestAlert, comm:DateTime, comm:NtpProvider, comm:Syslog, comm:SyslogClient, comm:SyslogConsole, comm:SysLogFile, comm:SyslogMonitor, condition:Log, aaa:Log, event:Log, event:EpCtrl, event:Log, fault:Inst, stats:CollectionPolicy, stats:Curr, adaptor:EthPortBySizeLargeStats, adaptor:EthPortBySizeSmallStats, adaptor:EthPortErrStats, adaptor:EthPortMcastStats, adaptor:EthPortOutsizedStats, adaptor:EthPortStats, adaptor:EtherIfStats, adaptor:FcIfEventStats, adaptor:FcIffFC4Stats, adaptor:FcIffFrameStats, adaptor:FcPortStats, adaptor:MenloBaseErrorStats, adaptor:MenloDcePortStats, adaptor:MenloEthErrorStats, adaptor:MenloEthStats, adaptor:MenloFcErrorStats, adaptor:MenloFcStats, adaptor:MenloHostPortStats, adaptor:MenloMcpuErrorStats, adaptor:MenloMcpuStats, adaptor:MenloNetEgStats, adaptor:MenloNetInStats, adaptor:MenloNetOutStats, adaptor:MenloQErrorStats, adaptor:MenloQStats,

adaptor:VnicStats, compute:IOHubEnvStats, compute:MbPowerStats, compute:MbTempStats, compute:PCIeFatalCompletionStats, compute:PCIeFatalProtocolStats, compute:PCIeFatalReceiveStats, compute:PCIeFatalStats, equipment:ChassisStats, equipment:FanModuleStats, equipment:FanStats, equipment:IOCardStats, equipment:PsuInputStats, equipment:PsuStats, ether:ErrStats, ether:LossStats, ether:PauseStats, ether:RxStats, ether:TxStats, fc:Stats, memory:ArrayEnvStats, memory:BufferUnitEnvStats, memory:ErrorStats, memory:Runtime, memory:UnitEnvStats, processor:EnvStats, processor:ErrorStats, processor:Runtime, sw:EnvStats, sw:SystemStats, stats:Holder, stats:Thr32Definition, stats:Thr32Value, stats:Thr64Definition, stats:Thr64Value, stats:ThrFloatDefinition, stats:ThrFloatValue, stats:ThresholdClass, stats:ThresholdDefinition, stats:Thr32Definition, stats:Thr64Definition, stats:ThrFloatDefinition, stats:ThresholdPolicy, stats:ThresholdValue, stats:Thr32Value, stats:Thr64Value, stats:ThrFloatValue, sysdebug:AutoCoreFileExportTarget, sysdebug:BackupBehavior, sysdebug:Core, sysdebug:CoreFileExportTarget, sysdebug:AutoCoreFileExportTarget, sysdebug:ManualCoreFileExportTarget), sysdebug:CoreFileRepository, sysdebug:LogControlDestinationFile, sysdebug:LogControlDestinationSyslog, sysdebug:LogControlDomain, sysdebug:LogControlEp, sysdebug:LogControlModule, sysdebug:MEpLog, sysdebug:MEpLogPolicy, sysdebug:ManualCoreFileExportTarget, sysfile:Mutation

## pn-equipment

### Purpose

Server hardware management

### Responsible Role

Server Equipment Administrator

### Controlled Objects

adaptor:ExtIf, adaptor:ExtEthIf, adaptor:HostIf, adaptor:HostEthIf, adaptor:HostFcIf, compute:Blade, compute:PsuPolicy, diag:SrvCtrl, equipment:Chassis, equipment:Led, equipment:IndicatorLed, equipment:LocatorLed, fabric:ComputeSlotEp, fabric:SwChPhEp

## pn-maintenance

### Purpose

Server maintenance

### Responsible Role

Server Equipment Administrator

### Controlled Objects

adaptor:ExtIf, adaptor:ExtEthIf, adaptor:HostIf, adaptor:HostEthIf, adaptor:HostFcIf, compute:Blade, diag:SrvCtrl, equipment:Chassis, equipment:Led, equipment:IndicatorLed, equipment:LocatorLed, fabric:ComputeSlotEp, fabric:SwChPhEp

## pn-policy

### Purpose

Server policy

### Responsible Role

Server Equipment Administrator

### Controlled Objects

adaptor:CapQual, adaptor:Qual, bios:VFeat, bios:VfConsoleRedirection, bios:VfEnhancedIntelSpeedStepTech, bios:VfFrontPanelLockout, bios:VfIntelHyperThreadingTech, bios:VfIntelTurboBoostTech, bios:VfIntelVTForDirectedIO, bios:VfIntelVirtualizationTechnology, bios:VfLvDIMMSupport, bios:VfMirroringMode, bios:VfNUMAOptimized, bios:VfProcessorC3Report, bios:VfProcessorC6Report, bios:VfQuietBoot, bios:VfResumeOnACPowerLoss, bios:VfSelectMemoryRASConfiguration, bios:VProfile, compute:AutoconfigPolicy, compute:Blade, compute:BladeDiscPolicy, compute:BladeInheritPolicy, compute:ChassisDiscPolicy, compute:ChassisQual, compute:DiscPolicy, compute:BladeDiscPolicy, compute:ChassisDiscPolicy, compute:PhysicalQual, compute:Pool, compute:PooledPhysical, compute:PooledSlot, compute:PooledSlot, compute:PoolingPolicy, compute:PsuPolicy, compute:Qual, compute:QualItem, adaptor:CapDef, adaptor:CapQual, adaptor:CapSpec, adaptor:Qual, compute:BladePosQual, compute:ChassisQual, compute:SlotQual, compute:PhysicalQual, memory:Qual, processor:Qual, storage:Qual, compute:ScrubPolicy, compute:SlotQual, diag:BladeTest, diag:NetworkTest, diag:RunPolicy, equipment:Chassis, equipment:Led, equipment:IndicatorLed, equipment:LocatorLed, extvmm:Ep, extvmm:KeyRing, extvmm:KeyStore, extvmm:MasterExtKey, extvmm:Provider, extvmm:SwitchDelTask, fabric:ComputeSlotEp, fabric:SwChPhEp, memory:Qual, org:Org, processor:Qual, storage:Qual, uidpool:Pool, vm:Cont, vm:DirCont, vm:DC, vm:DCOrg, vm:Org, vm:Switch, vm:DC, vm:DCOrg, vm:LifeCyclePolicy, vm:Org, vm:Switch, vm:VnicProfCl

## pn-security

### Purpose

Server security

### Responsible Role

Server Security Administrator

### Controlled Objects

mgmt:IntAuthPolicy

## pod-config

### Purpose

Pod configuration

**Responsible Role**

Network Administrator

This privilege is not used.

## pod-policy

**Purpose**

Pod policy

**Responsible Role**

Network Administrator

This privilege is not used.

## pod-qos

**Purpose**

Pod QoS

**Responsible Role**

Network Administrator

This privilege is not used.

## pod-security

**Purpose**

Pod security

**Responsible Role**

Network Administrator

This privilege is not used.

## power-mgmt

**Purpose**

Data center power management

This role provides read and write access for power capacity management including power group configurations and other power-related policies.

**Responsible Role**

Facility Manager

## read-only

**Purpose**

Read-only access

**Responsible Role**

This is not a selectable privilege. All roles have read-only access to all objects. Roles that have read-write privileges on some objects also have read-only access to all other objects.