



Cisco UCS Manager 4.1 Privileges

- [Cisco UCS Manager 4.1 Privileges, on page 1](#)

Cisco UCS Manager 4.1 Privileges

Aaa (aaa)

This privilege allows a user to perform provisioning operations related to Authentication, Authorization and Accounting. This includes managing users and roles, and configuring services that are exposed to the management interfaces.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure Key Ring. Import certificates of trusted authorities. Generate and import Certificates.
- Configure SNMP policy, SNMP users, SNMP trap destinations.
- Configure UCS management connectivity: HTTP, HTTPS, SSH, telnet, CIM, WS-MAN, event channel security.
- Configure whether communication policies are resolved locally or through UCS Central.
- Configure DNS providers and DNS domain.
- Configure users, roles, user locales, user sessions, login banner, authentication domains, authentication providers (LDAP, RADIUS, TACACS).

Admin (admin)

This privilege provides a user with full access to all operations in Cisco UCS Manager.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- This privilege has full access to all operations.

Ext Lan Config (ext-lan-config)

This privilege allows a user to configure LAN settings on a fabric interconnect, including Ethernet border ports, VLANs, LAN PIN groups, Ethernet SPAN sessions, LAN policies, and management interfaces.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure VLANs and VLAN groups.
- Configure management interfaces (IPv4 and IPv6) on the Fabric Interconnect.
- Enable/Disable Ethernet ports on a Fabric Interconnect or IO Module. Set port labels.
- Configure DNS providers and DNS domain.
- Configure Ethernet monitoring sessions (SPAN).
- Configure Ethernet PIN Groups.
- Configure Ethernet border ports on the Fabric Interconnect. Add/remove VLANs to border ports.
- Configure Inband CIMC profile.
- Configure Fabric Interconnect system name.
- Configure NetFlow policies, exporters and collectors.
- Enable/Disable Ethernet/FC/iSCSI ports and port channels on a server adapter. Set port/port channel label.
- Configure MAC aging properties. Specify Ethernet end-host or switching mode. Enable/Disable VLAN compression.
- Configure management interfaces monitoring policy.
- Specify the allowed range for virtual MAC addresses.
- Configure Ethernet Link Profile and LACP policy.

Ext Lan Policy (ext-lan-policy)

This privilege allows a user to configure LAN settings on a fabric interconnect, including Ethernet border ports, VLANs, LAN PIN groups, Ethernet SPAN sessions, LAN policies, and vNIC/vHBA placement policies

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure Ethernet PIN Groups.
- Configure Ethernet border ports on the Fabric Interconnect. Add/remove VLANs to border ports.
- Configure Inband CIMC profile.
- Configure NetFlow policies, exporters and collectors.
- Configure VLANs and VLAN groups.
- Enable/Disable Ethernet ports on a Fabric Interconnect or IO Module. Set port labels.

- Enable/Disable Ethernet/FC/iSCSI ports and port channels on a server adapter. Set port/port channel label.
- Create/modify/delete vNIC/vHBA placement.
- Configure MAC aging properties. Specify Ethernet end-host or switching mode. Enable/Disable VLAN compression.
- Specify the allowed range for virtual MAC addresses.
- Configure Ethernet Link Profile and LACP policy.
- Configure Ethernet monitoring sessions (SPAN).

Ext Lan Qos (ext-lan-qos)

This privilege allows a user to configure QoS classes of service for Ethernet and Fibre Channel and to configure Ethernet MTU.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

Ext Lan Security (ext-lan-security)

This privilege allows a user to configure NTP providers, and date and time zone settings.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure NTP providers, date and time zone.

Ext San Config (ext-san-config)

This privilege allows a user to configure SAN settings on a fabric interconnect, including FC/FCoE border ports, VSANs, SAN PIN groups, and Fibre Channel SPAN sessions.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

Ext San Policy (ext-san-policy)

This privilege allows a user to configure SAN settings on a fabric interconnect, including FC/FCoE border ports, VSANs, SAN PIN Groups, and Fibre Channel SPAN sessions.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure VSANs.
- Specify Fibre Channel end-host or switching mode. Specify FC trunking mode.
- Configure the allowed range for virtual WWN addresses.
- Create/modify/delete storage connection policies.
- Configure Fibre Channel PIN Groups.

- Configure storage connection within a Service Profile.
- Configure Fibre Channel monitoring sessions.
- Configure Fibre Channel and FCoE ports on the Fabric Interconnect. Add/remove VSANs to FC ports. Configure the FCoE native VLAN.

Ext San Qos (ext-san-qos)

This privilege allows a user to configure QoS classes of service for Ethernet and Fibre Channel and to configure Ethernet MTU.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

Fault (fault)

This privilege allows a user to configure fault policies, Call Home policies, and fault suppression policies. The user can also acknowledge faults in Cisco UCS Manager.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure Call Home policies. Used to send call home events when a fault is raised.
- Configure whether fault policies are resolved locally or through UCS Central.
- Acknowledge faults, configure fault policies (flap interval, soak interval, clear/ack action, limits, retention).

Service Profile Compute (ls-compute)

This privilege allows a user to configure most aspects of service profiles. However the user cannot create, modify or delete vNICs or vHBAs. You can use this privilege to enforce a strong separation between server, network, and storage provisioning activities. For example, a network administrator can create vNICs, a storage administrator can create vHBAs, and the server administrator can configure all other elements of a service profile

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure the vNIC/vHBA placement of a Service Profile.
- Create/modify/delete Service Profiles/Templates. Assign policies to Service Profiles. Acknowledge service profile pending tasks.
- Configure Storage Profiles. Assign storage profiles to Service Profiles.
- Create/modify/delete local storage policies (disks and LUNs).
- Assign storage profiles to Service Profiles.
- Configure schedules. Schedules can be used to trigger one-time or periodic tasks in the future.
- Configure VMQ policies.
- Associate and Disassociate Service Profiles.

- Configure Inband CIMC IP connectivity.
- Configure Service Profile scriptable vMedia.
- Configure vHBA initiator groups.
- Assign usNIC policies to service profile.
- Configure iSCSI boot parameters.
- Create/modify/delete Service Profile dynamic vNICs within a Service Profile.
- Perform maintenance tasks on local disks, local LUNs and remote LUNs.
- Create/modify/delete Service Profile maintenance policies.
- Configure power policies and power placement.
- Configure Service Profile BIOS policies.
- Configure Service Profile scriptable vMedia policies.

Service Profile Config (ls-config)

This privilege allows a user to configure service profiles and to configure distributed virtual switches (DVSEs) in a VM-FEX environment.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Create/modify/delete Service Profiles/Templates. Assign policies to Service Profiles. Acknowledge service profile pending tasks.
- Create/modify/delete local storage policies (disks and LUNs).
- Assign storage profiles to Service Profiles.
- Configure schedules. Schedules can be used to trigger one-time or periodic tasks in the future.
- Within a service profile, specify if vNICs/vHBAs should be inherited from the hardware when vNICs/vHBAs are not explicitly defined.
- Configure VMware vCenter cryptographic keys.
- Configure Service Profile vNICs storage initiator autoconfig policies.
- Configure Service Profile scriptable vMedia.
- Configure FC group templates.
- Configure iSCSI boot parameters.
- Create/modify/delete Service Profile maintenance policies.
- Configure LAN connectivity policies. Configure Service Profile vNICs and add/remove VLANs on vNICs.
- Configure power policies and power placement.

- Configure SAN connectivity policies. Configure Service Profile vHBAs and add/remove VSANs on vHBAs.
- Configure the vNIC/vHBA placement of a Service Profile.
- Configure Storage Profiles. Assign storage profiles to Service Profiles.
- Configure Service Profile iSCSI vNICs.
- Assign port profiles to Distributed Virtual Switches.
- Configure VMware vCenter connections, datacenters, folders, switch.
- Configure vHBA behavior policy when vHBAs are not explicitly defined.
- Associate and Disassociate Service Profiles.
- Configure Inband CIMC IP connectivity.
- Configure vNIC behavior policy when vNICs are not explicitly defined.
- Create/modify/delete Service Profile dynamic vNICs within a Service Profile.
- Perform maintenance tasks on local disks, local LUNs and remote LUNs.
- Configure Service Profile BIOS policies.
- Configure Service Profile scriptable vMedia policies.

Service Profile Config Policy (ls-config-policy)

This privilege allows a user to configure policies that are applied to Service Profiles, including host firmware packages, local disk policies, boot policies, and Serial over LAN policies

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Create/modify/delete FC adapter policies.
- Configure Service Profile boot policies.
- Create/modify/delete local storage policies (disks and LUNs).
- Create/modify/delete Ethernet adapter policies (Ethernet and iSCSI).
- Assign storage profiles to Service Profiles.
- Assign port profiles to Distributed Virtual Switches.
- Configure VMware vCenter connections, datacenters, folders, switch.
- Configure VMware vCenter cryptographic keys.
- Configure iSCSI authentication profile.
- Associate and Disassociate Service Profiles.
- Create/modify/delete management firmware packages. This feature is deprecated.
- Configure Service Profile scriptable vMedia.

- Configure Serial over LAN policies.
- Create/modify/delete Service Profile maintenance policies.
- Configure power policies and power placement.
- Configure Service Profile scriptable vMedia policies.

Service Profile Ext Access (Is-ext-access)

Service profile end point access

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

Service Profile Network (Is-network)

This privilege allows a user to configure network policies and network elements that are applied to service profile vNICs. A user can also configure other network elements that impact service profiles, such as server ports.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure Ethernet server ports on the Fabric Interconnect.
- Configure VLAN and VLAN group org permissions.
- Configure vNIC templates.
- Reset IO Module and FEX. Set IO Module/FEX labels.
- Create/modify/delete Ethernet adapter policies (Ethernet and iSCSI).
- Create/modify/delete Service Profile dynamic vNIC policies.
- Configure Service Profile iSCSI vNICs.
- Assign port profiles to Distributed Virtual Switches.
- Configure VMware vCenter connections, datacenters, folders, switch.
- Configure VMQ policies.
- Configure Inband CIMC IP connectivity.
- Create/modify/delete vNIC/vHBA placement.
- Configure vNIC behavior policy when vNICs are not explicitly defined.
- Configure iSCSI boot parameters.
- Create/modify/delete Service Profile dynamic vNICs within a Service Profile.
- Specify the allowed range for virtual MAC addresses.
- Configure VM-FEX Port Profile policy.

- Configure LAN connectivity policies. Configure Service Profile vNICs and add/remove VLANs on vNICs.
- Create/modify/delete Network Control policies.

Service Profile Network Policy (ls-network-policy)

This privilege allows a user to configure network policies and network elements that are applied to service profile vNICs.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure Ethernet server ports on the Fabric Interconnect.
- Configure VMQ policies.
- Create/modify/delete vNIC/vHBA placement.
- Create/modify/delete Service Profile dynamic vNICs within a Service Profile.
- Specify the allowed range for virtual MAC addresses.
- Reset IO Module and FEX. Set IO Module/FEX labels.
- Configure pools of MAC addresses.
- Create/modify/delete Service Profile dynamic vNIC policies.
- Configure pools of IP addresses.
- Create/modify/delete Network Control policies.

Service Profile Qos Policy (ls-qos-policy)

Service Profile QOS policy

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Create/modify/delete QoS rate-limiting and Flow Control policies.

Service Profile Security (ls-security)

This privilege allows a user to configure IPMI policies.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

Service Profile Security Policy (ls-security-policy)

This privilege allows a user to configure IPMI policies.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure IPMI users and IPMI authentication profiles.

Service Profile Server (ls-server)

This privilege allows a user to configure service profiles.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Create/modify/delete Service Profiles/Templates. Assign policies to Service Profiles. Acknowledge service profile pending tasks.
- Create/modify/delete local storage policies (disks and LUNs).
- Assign storage profiles to Service Profiles.
- Configure schedules. Schedules can be used to trigger one-time or periodic tasks in the future.
- Within a service profile, specify if vNICs/vHBAs should be inherited from the hardware when vNICs/vHBAs are not explicitly defined.
- Configure VMQ policies.
- Configure Service Profile vNICs storage initiator autoconfig policies.
- Configure Service Profile scriptable vMedia.
- Configure FC group templates.
- Configure iSCSI boot parameters.
- Create/modify/delete Service Profile maintenance policies.
- Configure LAN connectivity policies. Configure Service Profile vNICs and add/remove VLANs on vNICs.
- Configure power policies and power placement.
- Configure SAN connectivity policies. Configure Service Profile vHBAs and add/remove VSANs on vHBAs.
- Configure the vNIC/vHBA placement of a Service Profile.
- Configure Storage Profiles. Assign storage profiles to Service Profiles.
- Configure Service Profile iSCSI vNICs.
- Configure vHBA behavior policy when vHBAs are not explicitly defined.
- Associate and Disassociate Service Profiles.
- Configure Inband CIMC IP connectivity.
- Configure vNIC behavior policy when vNICs are not explicitly defined.
- Create/modify/delete Service Profile dynamic vNICs within a Service Profile.
- Perform maintenance tasks on local disks, local LUNs and remote LUNs.
- Configure Service Profile BIOS policies.

- Configure Service Profile scriptable vMedia policies.

Service Profile Server Oper (ls-server-oper)

This privilege allows a user to control the power state of a service profile.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Control the power state of a Service Profile.

Service Profile Server Policy (ls-server-policy)

This privilege allows a user to control the power state of a service profile, associate and disassociate service profiles, and configure server-related policies.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure DIMM black listing policy.
- Create/modify/delete FC adapter policies.
- Configure Service Profile boot policies.
- Create/modify/delete Ethernet adapter policies (Ethernet and iSCSI).
- Configure iSCSI authentication profile.
- Associate and Disassociate Service Profiles.
- Control the power state of a Service Profile.
- Configure Service Profile vNICs storage initiator autoconfig policies.
- Create/modify/delete management firmware packages. This feature is deprecated.
- Configure Service Profile scriptable vMedia.
- Create/modify/delete vNIC/vHBA placement.
- Create/modify/delete server-related policies: maintenance, BIOS.
- Configure power policies and power placement.
- Configure Service Profile scriptable vMedia policies.

Service Profile Storage (ls-storage)

This privilege allows a user to configure storage policies and storage elements that are applied to service profile vHBAs. The user can also configure other storage elements that impact service profiles.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Create/modify/delete FC adapter policies.

- Configure the allowed range for UUIDs.
- Set FC zone labels.
- Configure the allowed range for virtual WWN addresses.
- Configure Storage Profiles. Assign storage profiles to Service Profiles.
- Create/modify/delete local storage policies (disks and LUNs).
- Assign storage profiles to Service Profiles.
- Configure the FC storage visibility for a vHBA initiator group.
- Configure Service Profile iSCSI vNICs.
- Configure vHBA behavior policy when vHBAs are not explicitly defined.
- Configure Service Profile vNICs storage initiator autoconfig policies.
- Configure Service Profile scriptable vMedia.
- Create/modify/delete storage connection policies.
- Configure FC group templates.
- Configure vHBA initiator groups.
- Configure iSCSI boot parameters.
- Perform maintenance tasks on local disks, local LUNs and remote LUNs.
- Configure Service Profile scriptable vMedia policies.

Service Profile Storage Policy (ls-storage-policy)

This privilege allows a user to configure storage policies and storage elements that are applied to service profile vHBAs.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure pools of WWN addresses.
- Configure the allowed range for UUIDs.
- Configure the allowed range for virtual WWN addresses.
- Configure Service Profile boot policies.
- Configure Storage Profiles. Assign storage profiles to Service Profiles.
- Configure pools of IQN addresses (for iSCSI).
- Create/modify/delete local storage policies (disks and LUNs).
- Assign storage profiles to Service Profiles.
- Configure Service Profile vNICs storage initiator autoconfig policies.
- Configure Service Profile scriptable vMedia.

- Create/modify/delete storage connection policies.
- Create/modify/delete vNIC/vHBA placement.
- Configure FC group templates.
- Configure storage connection within a Service Profile.
- Configure Service Profile scriptable vMedia policies.

Operations (operations)

This privilege allows a user to perform maintenance activities, such as SEL backup operations, and to configure system-level policies, such as call home, syslog, and log level, and to create tech support files.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Clear or backup SEL log files (FEX, IO Module, CIMC). Configure SEL log policy.
- Configure the Catalog pack, specifying which catalog to be used.
- Configure the Syslog feature.
- Configure the statistics collection policies.
- Acknowledge faults.
- Configure log file export policies. Export log files.
- Configure the logging level for debug log files on the Fabric Interconnect.
- Configure core file export policies. Download core files.
- Configure whether config, firmware and monitoring policies are resolved locally or through UCS Central.
- Generate and download Tech Support files.
- Create/modify/delete stats threshold policies.

Org Management (org-management)

This privilege allows a user to configure organizations in the org hierarchy.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Create/modify/delete organizations.

Server Equipment (pn-equipment)

This privilege allows a user to configure the power supply redundancy policy and to control the power state of network adapters.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure Power Supply Redundancy policy. Configure whether PSU redundancy policies can be resolved through UCS Central.
- Control power state of network adaptors.

Server Maintenance (pn-maintenance)

This privilege allows a user to perform maintenance operations on physical servers, such as acknowledging servers, configuring locator LEDs, and decommissioning servers.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure locator, indicator, beacon and health LEDs.
- Control the power state of a Service Profile.
- Enable/Disable Ethernet/FC/iSCSI ports and port channels on a server adaptor. Set port/port channel label.
- Acknowledge Chassis and IO Module. Set Chassis labels and chassis IDs.
- Enable/Disable mapping out of black-listed DIMMs. Reset server DIMM errors.
- Reset IO Module and FEX. Set IO Module/FEX labels.
- Acknowledge, decommission, recommission and recover blade servers and rack servers.
- Perform server maintenance operations: reset CIMC, reset KVM server, reset CMOS, perform diagnostic interrupt, reset server. Set blade and rack server labels.
- Configure diagnostics.

Server Policy (pn-policy)

This privilege allows a user to configure server-related policies.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure DIMM black listing policy.
- Configure locator, indicator, beacon and health LEDs.
- Run diagnostics.
- Configure server/chassis discovery, acknowledgement and connectivity policies. Configure blade inheritance and auto-configuration policy.
- Enable/Disable mapping out of black-listed DIMMs. Reset server DIMM errors.
- Reset IO Module and FEX. Set IO Module/FEX labels.
- Acknowledge, decommission, recommission and recover blade servers and rack servers.
- Assign port profiles to Distributed Virtual Switches.
- Configure VMware vCenter connections, datacenters, folders, switch.

- Configure Virtual Machine and Virtual Machine vNIC retention policy.
- Configure server pools, server pool policies, and server pool qualification policies.
- Configure VMware vCenter cryptographic keys.
- Control the power state of a Service Profile.
- Configure Power Supply Redundancy policy. Configure whether PSU redundancy policies can be resolved through UCS Central.
- Control power state of network adaptors.
- Configure Service Profile disk and BIOS scrub policies.
- Acknowledge Chassis and IO Module. Set Chassis labels and chassis IDs.
- Perform server maintenance operations: reset CIMC, reset KVM server, reset CMOS, perform diagnostic interrupt, reset server. Set blade and rack server labels.
- Configure UUID pools.
- Configure Service Profile BIOS policies.
- Configure whether server/chassis discovery policies can be resolved through UCS Central.

Server Security (pn-security)

Server security

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

Power Mgmt (power-mgmt)

This privilege allows a user to configure power groups, the power budget, and power policies.

Tasks Allowed with this Privilege

A user with this privilege can perform the following tasks:

- Configure Power Groups, power budget, and power policies.