Administration Management Overview

This chapter includes the following sections:

Administration Management Overview

You can configure the mandatory user access features from the Cisco UCS Manager to manage the Cisco UCS 6400 Series Fabric Interconnects, Cisco UCS 6332 40 GB Fabric Interconnects, and the UCS 6200 Series 10 GB Fabric Interconnects that are in the same domain from one console. If your environment is using a UCS 6324 40 GB Mini, you can also manage the user access features using the same Cisco UCS Manager capabilities.

You can configure the following basic administration configurations to manage user access in your environment:

- **Passwords**—Choose a password during the initial setup for the default admin user account, and create a unique username and password for each user account to access the system.

- **RBAC**—Delegate and control user access privileges according to the role and restrict user access within an organization boundary defined for the tenant, such as multi-tenancy.

- **Authentication**—Create UCS Manager local user accounts, and remote user accounts using the LDAP, RADIUS, and TACACS+ protocols.

- **Communication Services**—Configure CIM XML, HTTP, HTTPS, SMASH CLP, SNMP, SSH, and Telnet to interface third-party applications with Cisco UCS.

- **Organizations**—Create organizations for policies, pools, and service profiles. You can create multiple sub-organizations under the default Root organization, and nest sub-organization under a different sub-organization.

- **CIMC**—Close the KVM, vMedia, and SOL sessions of any user. When UCS Manager receives an event from CIMC, it updates its session table and displays the information to all users.

- **Backup and Restore** —Take a snapshot of all or part of the system configuration and export the file to a location on your network. You can configure a full state, all configuration, system configuration, and logical configuration backup.

- **Call Home**—Configure e-mail alert notifications for UCS errors and faults. You can configure the e-mail notifications for Cisco TAC (predefined) or any other recipient.

- **Deferred Deployments**—Configure deployments for a service profile to deploy immediately or during a specified maintenance window. Use this to control when disruptive configuration changes to a service profile or a service profile template are implemented.

- **Scheduling**—Schedule a one time occurrence for a schedule, a recurring occurrence for a schedule, and delete schedules.

- **Fault Suppression**—Enable fault suppression to suppress SNMP trap and Call Home notifications during a planned maintenance time.

Cisco UCS Manager User CLI Documentation

Cisco UCS Manager offers you a set of smaller, use-case based documentation described in the following table:

Guide	Description
Cisco UCS Manager Getting Started Guide	Discusses Cisco UCS architecture and Day 0 operations, including Cisco UCS Manager initial configuration, and configuration best practices.
Cisco UCS Manager Administration Guide	Discusses password management, role-based access configuration, remote authentication, communication services, CIMC session management, organizations, backup and restore, scheduling options, BIOS tokens and deferred deployments.
Cisco UCS Manager Infrastructure Management Guide	Discusses physical and virtual infrastructure components used and managed by Cisco UCS Manager.
Cisco UCS Manager Firmware Management Guide	Discusses downloading and managing firmware, upgrading through Auto Install, upgrading through service profiles, directly upgrading at endpoints using firmware auto sync, managing the capability catalog, deployment scenarios, and troubleshooting.
Cisco UCS Manager Server Management Guide	Discusses the new licenses, registering Cisco UCS domains with Cisco UCS Central, power capping, server boot, server profiles and server-related policies.
Cisco UCS Manager Storage Management Guide	Discusses all aspects of storage management such as SAN and VSAN in Cisco UCS Manager.
Cisco UCS Manager Network Management Guide	Discusses all aspects of network management such as LAN and VLAN connectivity in Cisco UCS Manager.
Cisco UCS Manager System Monitoring Guide	Discusses all aspects of system and health monitoring including system statistics in Cisco UCS Manager.

Guide	Description
Cisco UCS S3260 Server Integration with Cisco UCS Manager	Discusses all aspects of management of UCS S-Series servers that are managed through Cisco UCS Manager.