

Configure KVM Role Access to UCSM Domain from UCS Central

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Introduction

This document describes how to configure roles in UCS Central and UCSM in order to allow KVM access to an UCS domain that is launched via UCS Central.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Unified Compute System (UCS)
- UCS Central

Components Used

The information in this document is based on these software and hardware versions:

- UCS-FI-6248UP, Firmware 4.0(1c)
- UCS Central, Firmware 2.0(1p)

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Configuration

1. UCS Central Roles

Step 1.1 Create UCS Central Users Administration Role

- In UCS Central, Navigate to **System Configuration Button > User Settings** and select **Roles**.
- Create a new role named 'ucs-kvm'
- For the newly created role 'ucs-kvm' Under **Operations** tab add the **KVM Privilege**

UCS Central Users Administration Manage

The screenshot shows the UCS Central interface for managing users. On the left, there's a sidebar with tabs for Password, Profile, Roles (which is currently selected), Locales, Local Users, and Remote Users. The main area has a header 'ucs-kvm' and tabs for Network, Storage, Server, and Operations. Below these are two sections: 'Roles' and 'Privileges'. The 'Roles' section contains a list of checkboxes for various roles like AAA Administrator, Administrator, Facility Manager, KVM, etc. The 'ucs-kvm' role is selected and highlighted with a blue background. The 'Privileges' section also contains a list of checkboxes for Network Administrator, Operations, Read Only, Server Compute, Server Equipment Administrator, Server Profile Administrator, Server Security Administrator, Statistics, Storage Administrator, and Unileye. The 'ucs-kvm' privilege is also selected.

Role configuration on UCS Central

Step 1.2 Configure Local User

- Navigate to **System Configuration Button** > **User Settings** and select **Local User**.
- Select the corresponding user and then under **Roles** tab add the next 3 roles for the select user:
 1. Administrators
 2. Read-Only
 3. ucs-kvm (same role created in previous step)

The screenshot shows the UCS Central interface for managing users. The left sidebar has a 'Local Users' tab highlighted with a red box. The main area shows the 'UCS Central Users Administration Manage' screen. It has tabs for Basic, Roles, Locales, and SSH. Under 'Basic', there are fields for Description, Account Activation (Enabled), Account Expiration (Disabled), and First Name. The 'Locales' tab is also visible. A red arrow points from the 'Local Users' tab in the sidebar to the 'Local Users' tab in the main configuration panel.

The screenshot shows the UCS Central interface with the 'Unified KVM Launcher' selected. On the left, there's a sidebar with various icons. The main area has a search bar at the top. Below it, there's a 'Filters' section with several dropdown menus and checkboxes. One of these dropdowns is expanded to show 'LDAP' settings, including tabs for Basic, Providers, Groups, and Group Maps. Under 'Group Maps', a checkbox for 'CN=ucsbnd,OU=CiscoUCS,DC=maxvlab,DC=com' is checked. To the right of this, there's a 'Roles' section with checkboxes for 'KVM', 'Read Only', and 'ucs-kvm', where 'ucs-kvm' is also checked. At the bottom of the dialog, there's a 'Cancel' button.

Role assignment for LDAP group in UCS Central

Related Information

- [Users and Roles in UCS Central](#)
- [Cisco Technical Support & Downloads](#)