



Managing Remote Presence

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Configuring Serial Over LAN

Serial over LAN enables the input and output of the serial port of a managed system to be redirected over IP. Configure and use serial over LAN on your server when you want to reach the host console with CIMC.

Before You Begin

You must log in as a user with admin privileges to configure serial over LAN.

Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Remote Presence**.
- Step 3** In the **Remote Presence** pane, click the **Serial over LAN** tab.
- Step 4** In the **Serial over LAN Properties** area, update the following properties:

Name	Description
Enabled check box	If checked, Serial over LAN is enabled on this server.
Baud Rate drop-down list	The baud rate the system uses for Serial over LAN communication. You can select one of the following: <ul style="list-style-type: none">• 9600 bps• 19.2 kbps

Name	Description
	<ul style="list-style-type: none"> • 38.4 kbps • 57.6 kbps • 115.2 kbps

Step 5 Click **Save Changes**.

Configuring Virtual Media

Before You Begin

You must log in as a user with admin privileges to configure virtual media.

Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Remote Presence**.
- Step 3** In the **Remote Presence** pane, click the **Virtual Media** tab.
- Step 4** In the **Virtual Media Properties** area, update the following properties:

Name	Description
Enabled check box	If checked, virtual media is enabled. Note If you clear this check box, all virtual media devices are automatically detached from the host.
Active Sessions field	The number of virtual media sessions currently running.
Enable Virtual Media Encryption check box	If checked, all virtual media communications are encrypted.

Step 5 Click **Save Changes**.

KVM Console

The KVM console is an interface accessible from CIMC that emulates a direct keyboard, video, and mouse (KVM) connection to the server. The KVM console allows you to connect to the server from a remote location.

Instead of using CD/DVD or floppy drives physically connected to the server, the KVM console uses virtual media, which are actual disk drives or disk image files that are mapped to virtual CD/DVD or floppy drives. You can map any of the following to a virtual drive:

- CD/DVD or floppy drive on your computer
- Disk image files (ISO or IMG files) on your computer
- USB flash drive on your computer
- CD/DVD or floppy drive on the network
- Disk image files (ISO or IMG files) on the network
- USB flash drive on the network

You can use the KVM console to install an OS on the server.



Note

When launching the KVM Console from Internet Explorer 6 SP1 on Windows Server 2003, the browser will report that it cannot download a required file. If this occurs, click the browser Tools menu and select Internet Options. Click the Advanced tab and, in the Security section, uncheck the checkbox for "Do not save encrypted pages to disk." Launch the KVM Console again.

Configuring the Virtual KVM

Before You Begin

You must log in as a user with admin privileges to configure the virtual KVM.

Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
- Step 2** On the **Server** tab, click **Remote Presence**.
- Step 3** In the **Remote Presence** pane, click the **Virtual KVM** tab.
- Step 4** On the **Virtual KVM** tab, complete the following fields:

Name	Description
Enabled check box	If checked, the virtual KVM is enabled. Note The virtual media viewer is accessed through the KVM. If you disable the KVM console, CIMC also disables access to all virtual media devices attached to the host.
Max Sessions drop-down list	The maximum number of concurrent KVM sessions allowed. You can select any number between 1 and 4.
Active Sessions field	The number of KVM sessions running on the server.
Remote Port field	The port used for KVM communication.

Name	Description
Enable Video Encryption check box	If checked, the server encrypts all video information sent through the KVM.
Enable Local Server Video check box	If checked, the KVM session is also displayed on any monitor attached to the server.

Step 5 Click **Save Changes**.

Disabling the Virtual KVM

Before You Begin

You must log in as a user with admin privileges to disable the virtual KVM.

Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
 - Step 2** On the **Server** tab, click **Remote Presence**.
 - Step 3** In the **Remote Presence** pane, click the **Virtual KVM** tab.
 - Step 4** On the **Virtual KVM** tab, uncheck the **Enabled** check box.
 - Step 5** Click **Save Changes**.
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Enabling the Virtual KVM

Before You Begin

You must log in as a user with admin privileges to enable the virtual KVM.

Procedure

- Step 1** In the **Navigation** pane, click the **Server** tab.
 - Step 2** On the **Server** tab, click **Remote Presence**.
 - Step 3** In the **Remote Presence** pane, click the **Virtual KVM** tab.
 - Step 4** On the **Virtual KVM** tab, check the **Enabled** check box.
 - Step 5** Click **Save Changes**.
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