Working with Virtual Machines in Library View

You can clone, deploy, repair, or remove a virtual machine that is stored in the library. In Library view, you also can convert a VMware virtual machine to a VMM virtual machine after adding the VMware virtual machine's configuration files to the library.

Viewing Virtual Machines in the Library

When you store a virtual machine in the library, the virtual machine is displayed in Library view. However, the configuration file and virtual hard disks for the virtual machine are not added to the library.

To view virtual machines that are stored in the library:

- **To view virtual machines on a specific library server.** In the navigation pane, expand **Library Server**, expand the library server that stores the virtual machines, and click **VMs and Templates**.
- **To view all virtual machines.** In the navigation pane, click **Library Server** to display all resources in the library. To limit the display to virtual machines, under **Filters**, expand **Type**, and then click **Virtual Machine**.

Virtual Machine Actions

You can perform the following actions on virtual machines that are stored in the library:

- **Convert Virtual Machine**—To convert a VMware virtual machine to a VMM virtual machine, you must first add the VMware configuration file to the library. The conversion is performed in library view. For more information, see How to Convert a Virtual Machine to a VMM Virtual Machine.
- **Clone**—Use this action to create a new virtual machine based on an existing virtual machine. You can clone a virtual machine that is stored in the library or a deployed virtual machine that is stopped. The cloned virtual machine has the same computer name as the source virtual machine, and you cannot make changes to the operating system settings. For more information, see How to Clone a Virtual Machine.
- **Deploy**—Use this action to deploy a virtual machine on a host. For more information, see How to Deploy a Virtual Machine.
- **Repair**—You can repair a virtual machine by returning it to its state before the last action was performed on it, retrying the action, or, if you resolved an issue such as a missing file outside Virtual Machine Manager, by refreshing the metadata for the virtual machine to update its status. For more information, see How to Repair a Virtual Machine.
- **Remove**—Use this action to remove a virtual machine and delete its files from the library server. For more information, see How to Remove a Virtual Machine.

The following procedure tells how to add files to an existing library share and then refresh the library share manually to add the files to the library. For information about adding library servers and library shares, see How to Add a Library Server and How to Add Library Shares.

To add files to an existing library share

1. On the library server, copy the files to the library share where you want to store them.
2. In the VMM Administrator Console, display Library view.
3. In the navigation pane, expand **Library Server**, and then navigate to the library share that you copied the files to.
4. With the library share selected, in the **Actions** pane, under **Library Share**, click **Refresh**.

    All files on the share are immediately indexed in Virtual Machine Manager and are added to Library view.

How to Refresh a Library Share

By default, Virtual Machine Manager automatically performs a library refresh that indexes files on all library shares at one-hour intervals. You can also use the following procedure to manually refresh individual library shares.

For more information about library refreshes, see About Library Refreshes.

To refresh a library share manually

1. In Library view, expand **Library Server**, and then navigate to the library share that you want to refresh.
2. With the library share selected, in the **Actions** pane, under **Library Share**, click **Refresh**.

    All files on the share are immediately indexed in Virtual Machine Manager and are added to Library view.

To change the frequency of automatic library refreshes

1. In Administration view, click **Settings** in the navigation pane.
2. In the results pane, click **Library Settings**.
3. In the **Actions** pane, under **Settings**, click **Modify**.
4. In the **Library Settings** dialog box, select the check box and then specify the number of hours to wait between library refreshes. You can set a refresh interval to be from 0–336 hours (14 days).

To disable automatic library refreshes

1. In Administration view, click **Settings** in the navigation pane.
2. In the results pane, click **Library Settings**.
3. In the **Actions** pane, under **Settings**, click **Modify**.
4. In the **Library Settings** dialog box, clear the check box.