

*Client Manager for Tivoli Provisioning
Manager for OS Deployment User's
Guide*

IBM

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Client Manager for Tivoli Provisioning Manager for OS Deployment User's Guide

Client Manager for Tivoli Provisioning Manager for OS Deployment is a set of Tivoli Endpoint Manager dashboards, analyses, and Fixlets that help distribute and maintain Tivoli Provisioning Manager for OS Deployment server deployments.

The primary functions include:

- Installing the application
- Importing packages for Tivoli Provisioning Manager for OS Deployment servers from the Tivoli Endpoint Manager console through the RAD Library dashboard

Note: Before you install a Tivoli Provisioning Manager for OS Deployment server using Client Manager, download the installer from IBM Passport Advantage.

For detailed information about Tivoli Provisioning Manager for OS Deployment, see the Tivoli Provisioning Manager for OS Deployment User's Guide on the IBM Tivoli Information Center.

Supported Operating Systems

Client Manager for Tivoli Provisioning Manager for OS Deployment is configured for use on the following operating systems:

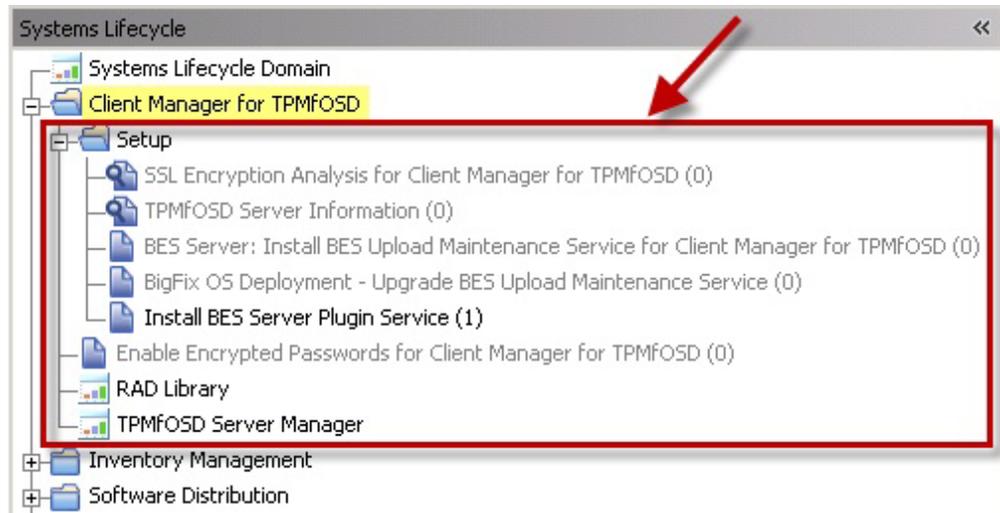
- Windows Server 2003 (x86/x64)
- Windows Server 2008 (x86/x64)
- Windows Server 2008 R2

Navigation

The application is part of the Systems Lifecycle domain. Click *Systems Lifecycle* from the domain panel in the Tivoli Endpoint Manager console. After you have subscribed to the Tivoli Provisioning Manager for OS Deployment site, you will see it at the top of the navigation tree.



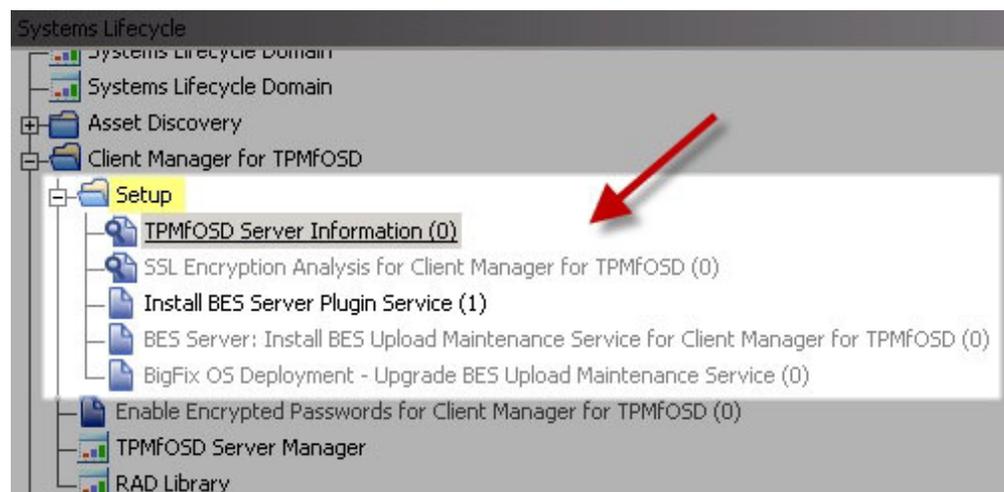
The *Client Manager for Tivoli Provisioning Manager for OS Deployment* content folder includes a Setup node, as well as RAD Library and Server Manager dashboards.



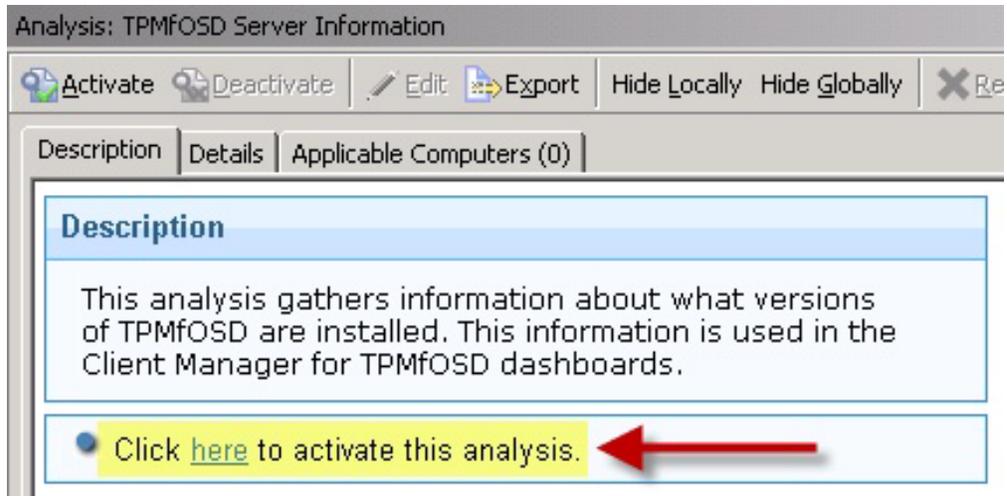
Part Two

Setup

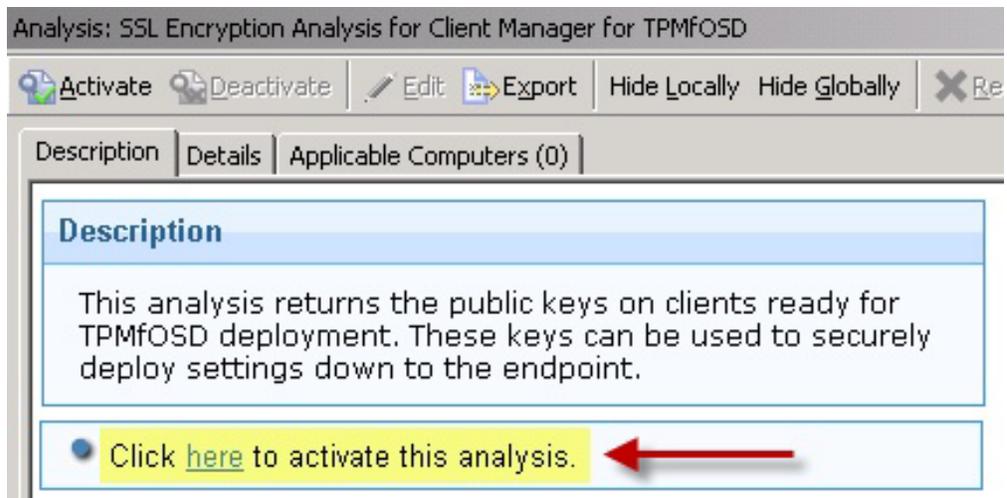
Client Manager for Tivoli Provisioning Manager for OS Deployment contains five analyses and actions to configure your deployment.



The Server Information analysis gathers information about which version of the application is installed. Click the link shown under the Description tab of the analysis window to activate the analysis.



The *SSL Encryption Analysis* returns the public keys on clients ready for Tivoli Provisioning Manager for OS Deployment. Click the link shown to activate the analysis.



If you have not yet installed the BES Server Plugin Service, click this item in the navigation tree to get started. The BES Server Plugin Service, also used in Tivoli Endpoint Manager OS Deployment, facilitates automation of processes that require communication with the BES Server and Web Reports. Click the link in the actions box to start the task.

Task: Install BES Server Plugin Service

Take Action ▾ Edit Copy Export Hide Locally Hide Globally X Remove

Description Details Applicable Computers (1) Action History (0)

Description

Your BES Server does not currently have the BES Server Plugin Service installed.

The BES Server Plugin Service is required by several BigFix Applications to facilitate automation of processes that require communication with the BES Server and Webreports.

Important Note: This action will create three registry keys. Once the action completes, the values for these keys must be set for correct functioning of BES Server plugins. See the linked KB article for more details.

Actions

- Click [here](#) to learn more about setting up the BES Server Plugin Service.
- Click [here](#) to deploy the BES Server Plugin Service.

Install the *BES Upload Maintenance Service* task to manage the files uploaded to the BES server by Tivoli Provisioning Manager for OS Deployment dashboards. Click the link in the actions box to start the task.

Task: BES Server: Install BES Upload Maintenance Service for Client Manager for TPMFOS

Take Action | Edit | Copy | Export | Hide Locally | Hide Globally | Remove

Description | Details | Applicable Computers (0) | Action History (0)

Description

This Task will install the latest version of the BES Upload Maintenance Service.

The BES Upload Maintenance Service will manage the files uploaded to the BES Server by the Client Manager for TPMfOSD Dashboards.

This service will do periodic scans to update the Client Manager for TPMfOSD data in the database and to determine which wim files can be deleted. The periodic scan period is set to 10 minutes.

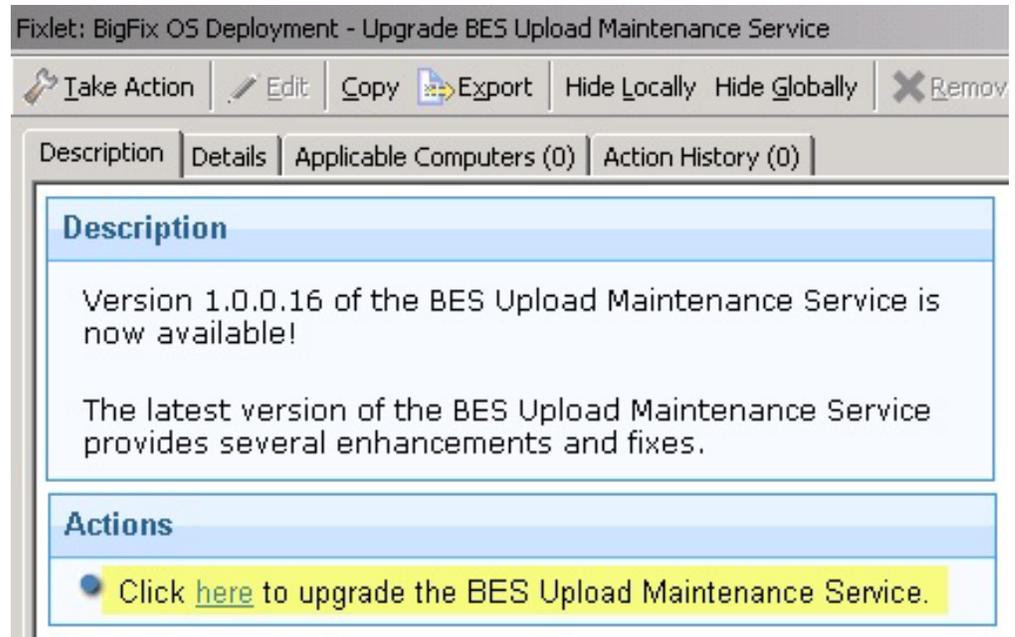
Note: The task 'Install BES Server Plugin Service' is a prerequisite to this task. You can find this as task 708 in the BigFix Support Site.

File Size: 100 KB

Actions

- Click [here](#) to enable the Upload Maintenance Service.

Upgrade the BES Upload Maintenance service using the upgrade Fixlet. Click the link in the Actions box to deploy the Fixlet.



Using the Dashboards

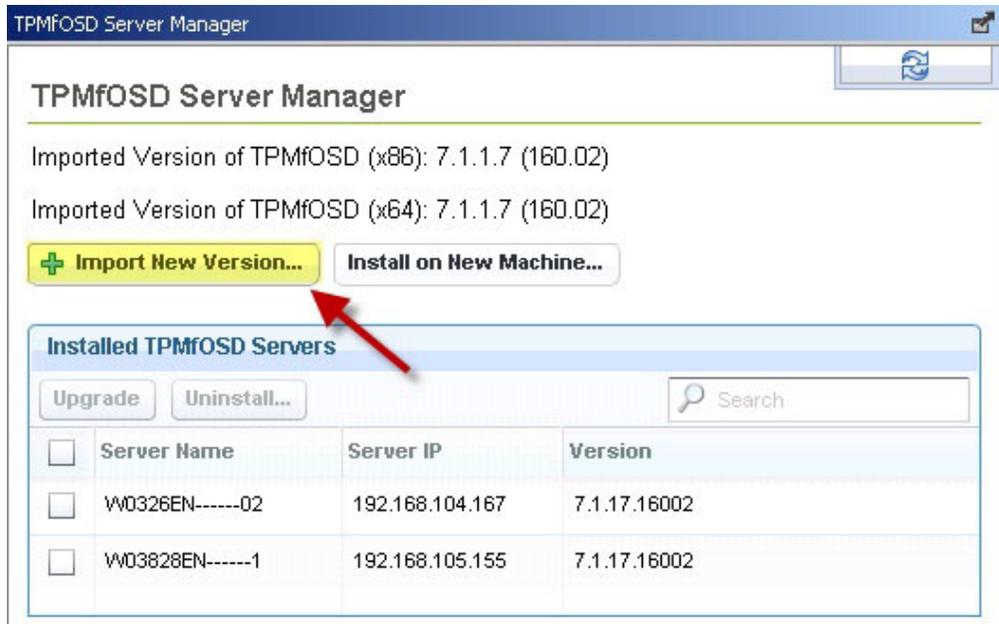
Client Manager for Tivoli Provisioning Manager for OS Deployment includes dashboards to help you manage your servers and RAD files. The sections below outline how to use these dashboards.

Server Manager Dashboard

The Tivoli Provisioning Manager for OS Deployment Server Manager dashboard manages the installation, upgrade, and uninstallation of Tivoli Provisioning Manager for OS Deployment servers. The dashboard also displays a list of all Tivoli Provisioning Manager for OS Deployment servers that are subscribed to the site. For best results, use the latest release of the server installer in the server manager dashboard.

Import the Installer

The installers must be first uploaded to the BES server to deploy new Tivoli Provisioning Manager for OS Deployment servers. To upload the installers, click *Import New Version* in the Server Manager Dashboard. The installer must be uploaded separately for each architecture.



In the next window, browse to or enter the location of the installer and select *Upload*. The installer must retain the original filename from Passport Advantage.

Note: Whenever a new installer is imported, it replaces the existing installer.



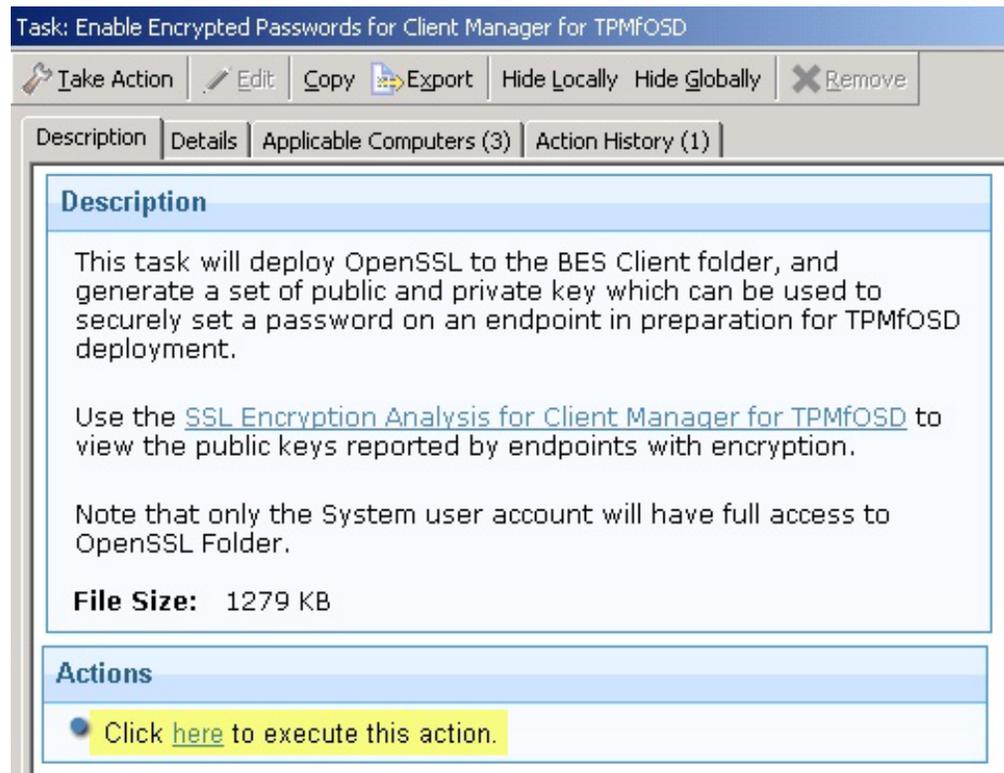
Note: While uploading the installer, do not navigate away from the dashboard because this will result in an incomplete upload.

Install on a new computer

Before installing Tivoli Provisioning Manager for OS Deployment, the computer must have SSL encryption enabled. To enable encryption, run the *Enable Encrypted Passwords for Client Manager for Tivoli Provisioning Manager for OS Deployment* task on the computers that will have Tivoli Provisioning Manager for OS Deployment installed on them.



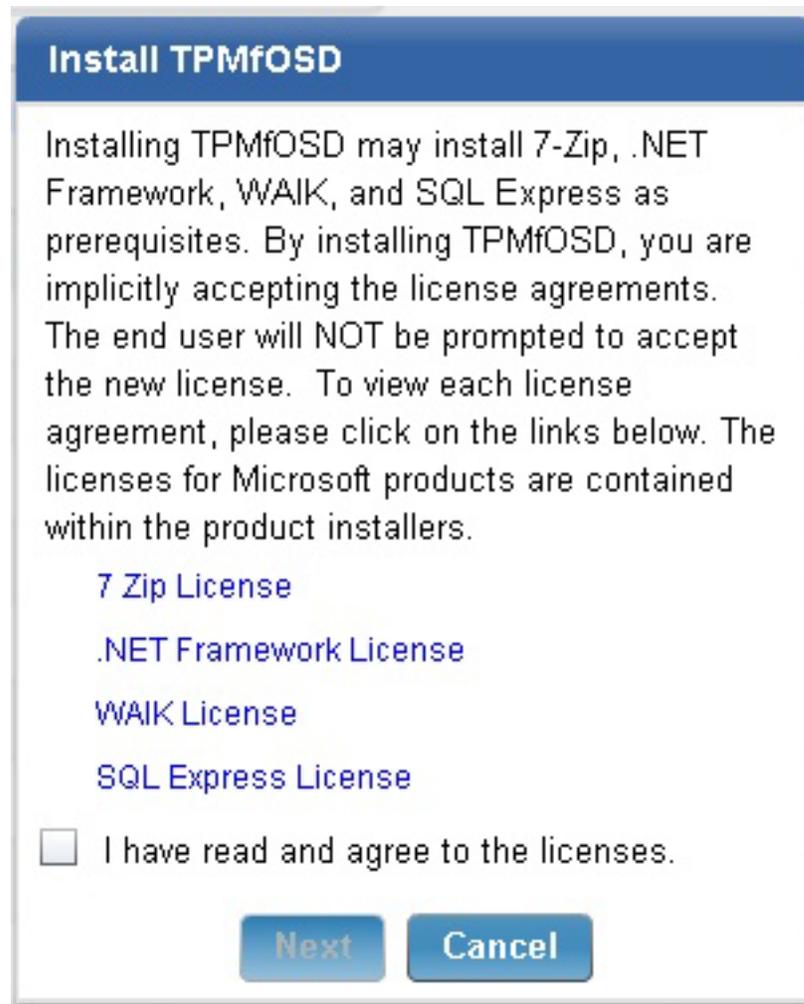
In the task window, click the link in the Actions box to perform the encryption action.



After computers have been set up with encrypted passwords, click *Install on New Machine* to begin the installation.



Click the appropriate box to agree to the licenses for the indicated software and then click *Next*.



The *Install Tivoli Provisioning Manager for OS Deployment* panel prompts you to create a username and password to be used during installation to create an account. After entering credentials, click *Install*.

Install TPMfOSD

Enter the username and password that will be used on the installed instance of TPMfOSD. This action will only run on Windows Server 2003, 2008, and 2008R2 machines that have encryption enabled.

Note that there may be some processing time. Navigating away from the dashboard before completion will cause the installation to fail.

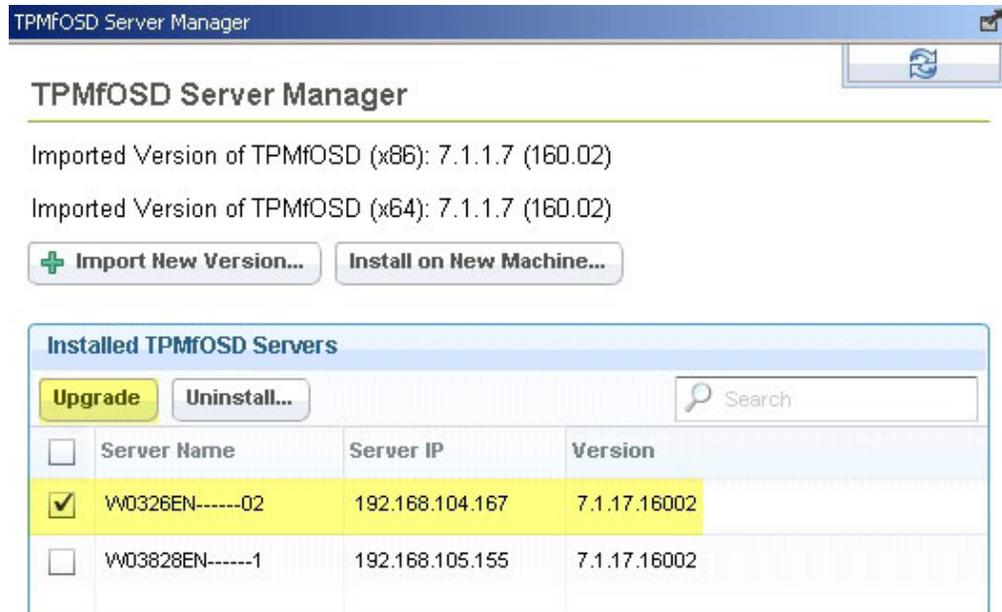
Username	<input type="text"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>



The Take Action dialog opens, where you can specify the computers on which you want to install Tivoli Provisioning Manager for OS Deployment.

Upgrade

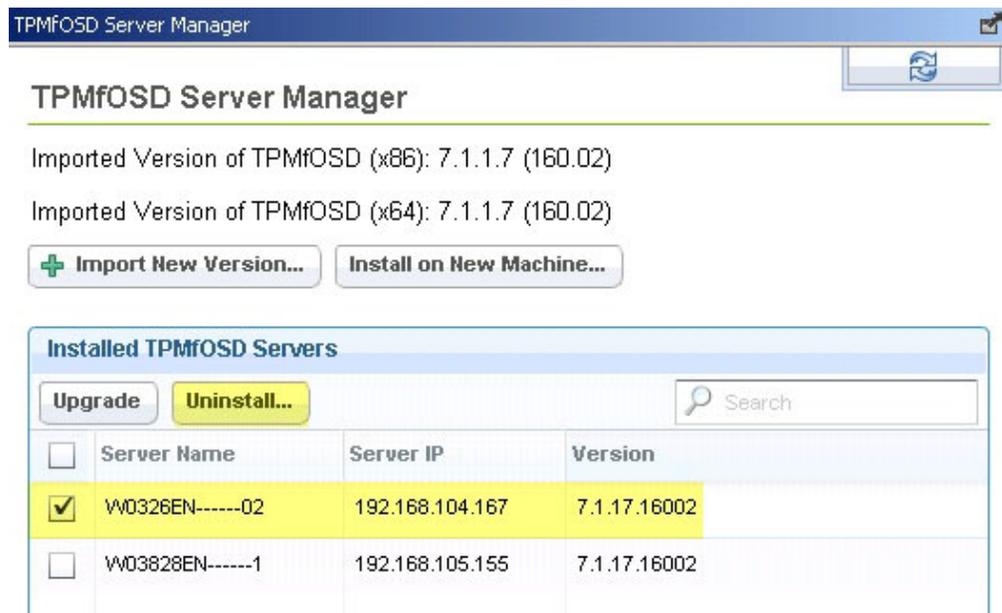
Managed Tivoli Provisioning Manager for OS Deployment servers display in the Server Manager dashboard after analyses are activated. To upgrade a server, click the box next to the designated server and click *Upgrade*.



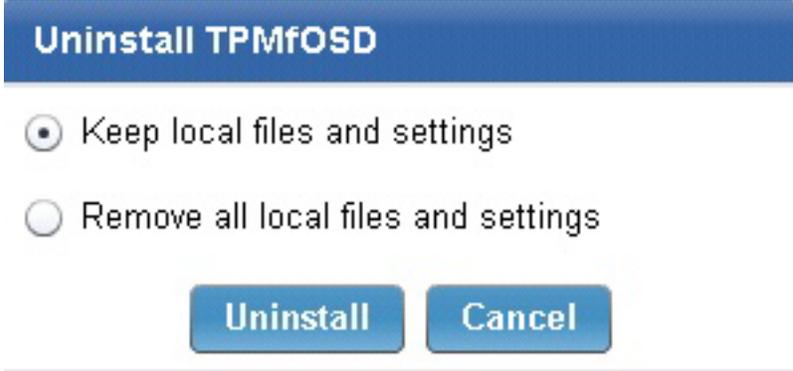
Servers are only upgraded if their version is older than the currently imported version of the Tivoli Provisioning Manager for OS Deployment installer.

Uninstall

You can uninstall Tivoli Provisioning Manager for OS Deployment from a server by selecting the server in the Installed Servers list and clicking *Uninstall*.



Next, select a setting to keep or remove local files during uninstallation.



The *Remove* setting deletes all data including any imported images, drivers, or packages on the Tivoli Provisioning Manager for OS Deployment server.

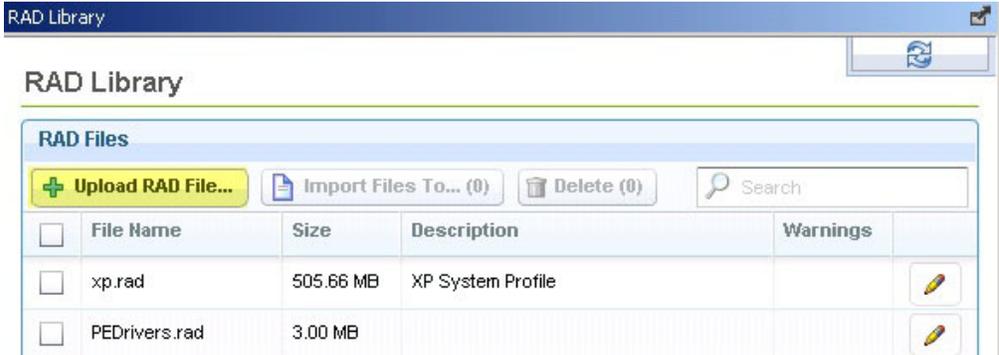
Note: If local files and settings are used while uninstalling servers, the original username and passwords are kept and any supplied credentials are ignored.

RAD Library Dashboard

The RAD Library dashboard is used to manage RAD files and upload and import them into Tivoli Provisioning Manager for OS Deployment servers.

Upload RAD Files

To upload a RAD file, click *Upload RAD File* in the RAD Library dashboard.



On the Upload RAD File panel, browse to locate the RAD file on your computer. You can also enter an optional description of the file. Click *Upload*.

Upload RAD File

Upload a RAD file for importing into TPMfOSD servers. Note that for any duplicate RAD files, the file name and description will be replaced with the most recent one.

Please browse to the file you want to upload:

Description

Uploaded files retain the same filename. If a file is identical to a previously uploaded RAD file, the new filename and description replace the filename and description currently in the table.

Import Files

To import files to Tivoli Provisioning Manager for OS Deployment, view the list of files shown in the RAD Files library and click the box corresponding to a file. Click *Import Files*.

Only computers that have managed Tivoli Provisioning Manager for OS Deployment servers are shown in the Take Action Dialog, and the action imports the contents of the RAD file into the Tivoli Provisioning Manager for OS Deployment server on the selected computers.

RAD Library

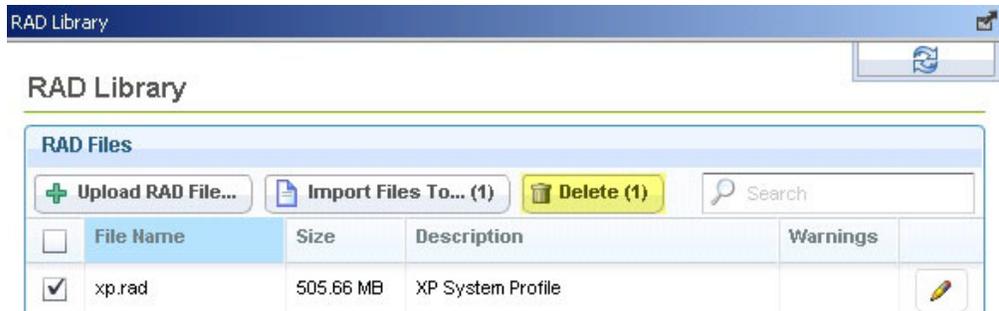
RAD Files

Upload RAD File...
 Import Files To... (1)
 Delete (1)

<input type="checkbox"/>	File Name	Size	Description	Warnings	
<input checked="" type="checkbox"/>	xp.rad	505.66 MB	XP System Profile		
<input type="checkbox"/>	PEDrivers.rad	3.00 MB			

Delete Files

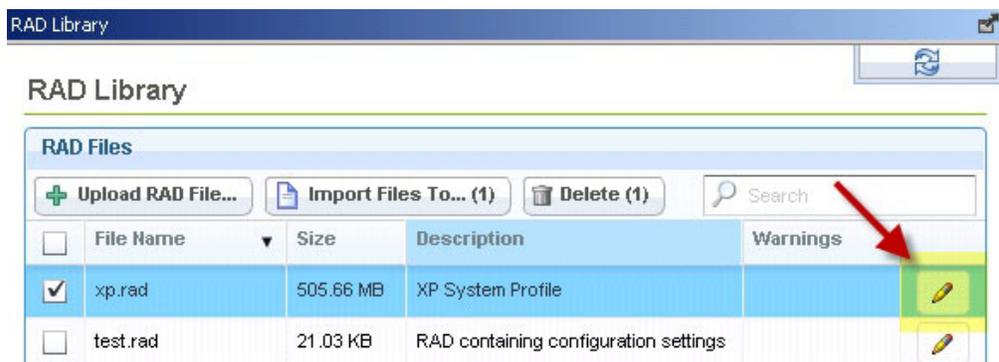
To delete a file, click the box corresponding to the file and click *Delete*. You are prompted to click to confirm the delete action. This action removes the file from the list of RAD files in the dashboard.



Note: This action deletes the designated file from the Tivoli Endpoint Manager server but not from the Tivoli Provisioning Manager for OS Deployment server from which the file was imported.

Edit Descriptions

Descriptions for the RAD files can be edited by clicking the pencil to the right of each entry.



After entering a new or modified File Name description, click *Save*.



Part Four

FAQs

Why does the Take Action Dialog show an incomplete list of my computers?

The computers listed in the Take Action Dialog are filtered by computers that have encrypted passwords and by the specific architecture of uploaded installers, such as 32-bit.

If I have a .WIM file that was captured in Tivoli Endpoint Manager for OS Deployment, how can I use it in Tivoli Provisioning Manager for OS Deployment?

Click [here](#) to access the related Knowledge Base article.

Support

Technical Support

The Tivoli Endpoint Manager technical support site offers a number of specialized support options to help you learn, understand, and optimize your use of this product:

- Tivoli Endpoint Manager Information Center
- Documentation
- Knowledge Base
- Forums and Communities

Part Five

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