



FUJITSU Software ServerView

Administration Page Management Pack V8.4 for MS SCOM

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1 Introduction

The PRIMERGY ServerView Suite from Fujitsu offers numerous ServerView Integration Packs which enable PRIMERGY servers to be integrated easily into other enterprise management systems.

This manual describes the ServerView Integration Administration Page Management Pack V8.4, which is a management tool for all those ServerView Integration Packs. The management pack supports System Center 2012R2 and 2016 editions.

This ServerView Administration Page Management Pack provides easy-to-use tasks to import, update and remove Fujitsu ServerView Integration Packs. This functionality is located in the SCOM console on the Administration pane.

1.1 Purpose and target groups

This manual is intended for system administrators, network administrators and service technicians who have a thorough knowledge of hardware and software. Likewise, a sound basic knowledge of the Microsoft System Center Operations Manager is required.




1.2 Documentation for ServerView Suite

The documentation can be downloaded free of charge from the Internet. You will find the online documentation at <http://manuals.ts.fujitsu.com> under the link *x86 servers*.

For an overview of the documentation to be found under ServerView Suite as well as the filing structure, see the ServerView Suite sitemap (*ServerView Suite -Site Overview*).

1.3 Notational Conventions

The following notational conventions are used in this manual:

	Warning This symbol is used to draw attention to risks which may represent a health hazard or which may lead to data loss or damage to the hardware
	Information This symbol highlights important information and tips.
	This symbol refers to a step that you must carry out in order to continue with the procedure.
<i>italics</i>	Commands, menu items, names of buttons, options, file names and path names are shown in italics in descriptive text.
<variable>	Angle brackets are used to enclose variables which are replaced by values.

Screen Output

Please note that the screen output shown in this manual may not correspond to the output from your system in every detail. System-related differences between the menu items available can also arise.

2 ServerView Integration Administration Page Management Pack

2.1 Installation

The ServerView Integration Administration Page Management Pack, *Fujitsu.ServerView.IntegrationPackAdmin.mpb*, is distributed with all ServerView Integration Packs and is installed into the common management packs folder.

It is imported in the usual way from the SCOM Console.



To import the Management Packs SCOM administrator rights are necessary.

Close the SCOM Console once after importing management packs.

2.2 Update to a new version

There are two ways to update this management pack:

- Using the *Import Management Packs* action on the *Installed Management Packs* administration page:
 - Browse for a new version of the management pack and import it in the usual way.
- Using the Integration Pack Admin *Update selected management packs* action from the *Integration Packs* administration page (see [3.3 Updating Integration Packs](#)).
 - Select *Fujitsu Libraries* from the *Common Libraries* group.
 - Right click on the *Fujitsu ServerView Integration Pack Admin* management pack in the lower list.
 - Select *Update selected management packs* from the menu.

2.3 Uninstallation

The *ServerView Integration Administration Page Management Pack* is uninstalled using the SCOM *Delete* action from the *Installed Management Packs* administration page.

- Select the *ServerView Integration Pack Admin* Management Pack from the list of all management packs
- Remove it by selecting the *Delete* action on the *Tasks* pane



To remove the Management Packs you need SCOM administrator rights.

2.4 Properties of the ServerView Integration Administration Page Management Pack

The *Fujitsu ServerView Integration Pack Admin* management pack adds an UI page to the Administration pane in the System Center Operations Manager Console. This page is located in the Administration tree under the *Administration -> Fujitsu ServerView Management -> Integration Packs* node.

The page provides a list of all installed and available Fujitsu Integration Packs with their associated Management Packs and actions in the Task pane that can be executed on the listed Integration Packs and Management Packs.

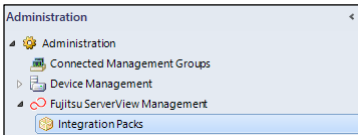





Figure 1 – Fujitsu 'Integration Packs' node in Administration Pane

2.4.1 Integration Packs and Management Packs icons

Each item in the Integration Packs and Management Packs lists has its icon on the left side that indicates a particular state. The icons' meanings are described below.

Icon	Description
	The latest Integration Pack/Management pack is installed.
	The Integration Pack/Management pack is installed, but a newer version is available.
	The Integration Pack/Management pack is not installed.

The management pack list also has a checkbox before each item. These checkboxes have the following meaning:

Checkbox	Description
<input type="checkbox"/>	Initial state: the management pack is not imported. If the user checks this checkbox the management pack will be imported into SCOM when the appropriate action is selected.
<input checked="" type="checkbox"/>	Initial state: management pack is imported. If the user un-checks this checkbox the management pack will be removed from SCOM when the appropriate action is selected.
<input checked="" type="checkbox"/>	All main management packs (shown on list with bold font) have grayed out checkboxes. These items cannot be selected/unselected to import/remove. These management packs will always be imported into SCOM, no matter which other management packs will be selected and can be removed only using the <i>Remove Integration Pack</i> action.

The management pack list *Source* column indicates the source of management pack:

Source	Description
local	Management Pack is installed locally on the SCOM console.
web	Management Pack will be downloaded before importing into SCOM.

3 Working with the SV Integration Administration Page Management Pack

3.1 Browsing Integration Packs

The term *Integration Pack* refers to the group of Fujitsu SCOM management packs that comprise a common integration product. E.g. the *FUJITSU Software ServerView Windows Server Integration Pack* contains all management packs that are needed to add the support of Fujitsu PRIMERGY Windows servers into SCOM.

To browse available online, imported and locally installed Fujitsu Integration Packs go to the *Integration Packs* page in the Administration pane of SCOM console. The right side of the page displays a list of all Fujitsu management packs grouped into Integration Packs.

The screenshot shows the 'Integration Packs' page in the SCOM console. The page title is 'Fujitsu ServerView Integration Packs'. Below the title, there is a description: 'This page provides a list of all installed and available Fujitsu Software ServerView Integration Packs for System Center Operations Manager. The list is built based on the Management Packs imported into SCOM, located locally on the SCOM Console host after Integration Pack installation and located remotely in Fujitsu online catalog.'

The main content area is divided into two sections:

Available Integration Packs and Libraries:

	Imported	Available	Description
Integration Packs			
<input checked="" type="checkbox"/> Fujitsu PRIMEQUEST	9.0.5.0	9.0.5.0	N/A
<input checked="" type="checkbox"/> Fujitsu PRIMERGY BladeSystem	8.0.4.0	8.0.4.0	This integration Pack adds monitoring support for Fujitsu PRIMERGY Blade Enclo...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY ESXi	-	8.3.3.0	This integration Pack adds monitoring support for Fujitsu PRIMERGY ESXi Servers ...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Linux	-	8.3.5.0	This integration Pack adds monitoring support for Fujitsu PRIMERGY SLES and RH...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY OutOfBand	-	8.4.2.0	This integration Pack adds out-of-band monitoring support for Fujitsu PRIMERGY...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows	8.3.4.56	8.3.4.0	This integration Pack adds monitoring support for Fujitsu PRIMERGY Windows Se...
Common Libraries			
<input checked="" type="checkbox"/> Fujitsu Libraries	Common management packs for all Fujitsu Integration Packs		

Management Packs for the selected item:

	Imported	Available	Source	Description
<input type="checkbox"/> Management Pack				
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows Server Non-Me...	8.3.4.3	-		This Management Pack provides additional Performance Collection Rul...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows Server Perform...	8.3.4.26	8.3.4.0		This Management Pack provides additional Performance Collection Rul...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows Server Perform...	-	8.3.4.0	local	This Management Pack provides Overrides for the Performance Collect...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows Server Seed D...	8.3.4.0	8.3.4.0		This Management Pack contains definitions for Fujitsu PRIMERGY Wi...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows Servers	8.3.4.56	8.3.4.0		This Management Pack monitors the hardware components of Fujitsu...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows Servers AddOn...	8.3.4.0	8.3.4.0		This management pack contains definitions for Fujitsu PRIMERGY Win...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows Servers DDM A...	-	8.3.4.0	local	This Management Pack contains the detailed alert rules for the Duplex...
<input checked="" type="checkbox"/> Fujitsu PRIMERGY Windows Servers Blade...	-	8.3.4.0	local	This Management Pack contains the detailed alert rules for the Duplex...

Figure 2 – Fujitsu ServerView Integration Packs

The view is divided into two separate lists. The upper list, *Available Integration Packs and Libraries*, accommodate the Integration Packs with their associated Management Packs and a

group of common Fujitsu Libraries. The lower list, *Management Packs for the selected item*, contains management packs that are part of a group selected in the upper list. When selecting an Integration Pack in the upper list all associated Management Packs are displayed in the lower list.

3.2 Importing Integration Packs

The *Fujitsu ServerView Integration Administration Page* Management Pack provides a feature to import all management packs contained in a *ServerView Integration Pack* with one click. It also allows to import only selected management packs.



The list of Integration Packs that can be imported via the *ServerView Administration Page* depends on the online catalog and the MSI packages that have been installed on the machine on which SCOM Console runs. It can also depend on paths (with management packs) which were provided in via the configuration settings – see [3.5.1 Management Packs sources](#).

To import an Integration Pack open the *Administration* pane in the SCOM Console and follow these steps:

- On the *Administration* pane select the node *Administration - Fujitsu ServerView Management - Integration Packs*.
- Choose an Integration Pack in the *Available Integration Packs and Libraries* list. The blue icon indicates that it has not been imported yet.
- Click the *Management pack* column header in lower list to select all management packs

Or

Select particular Management Packs from the list by clicking checkboxes



All Management Packs that are obligatory to import are shown on the list in bold text with grayed out and checked checkboxes. These management packs cannot be de-selected and must be imported with the Integration Pack.



If a Management Pack is not installed locally it will be downloaded from online catalog and then imported into SCOM. The *web* word in *Source* column indicates that Management Pack is available only from online catalog.

- Click *Install/update management packs* on the *Task* pane on right and confirm the installation.
- Wait until the installation progress window disappears.

3.3 Updating Integration Packs

The most convenient functionality of the *Fujitsu ServerView Integration Administration Page Management Pack* is its feature to upgrade whole Integration Packs in one step. Additionally it is also possible to upgrade only selected management packs. To update an Integration Pack open the Administration pane in the SCOM Console and follow these steps:

- On the *Administration* pane select the node *Administration - Fujitsu ServerView Management - Integration Packs*.
- Select an Integration Pack to update on *Available Integration Packs and Libraries* list. The orange icon with the exclamation mark indicates that there is a new version available.
- All management packs that can be updated will be displayed with an orange icon.
- Select all upgradeable Management Packs (default) to upgrade the whole Integration Pack

Or

Select specific Management Packs which should be updated.

- Click *Install/update management packs* on the *Task* pane on right and confirm the upgrade operation.



If one or more selected Management Packs are detected to be upgrade-incompatible a pop-up window asking for confirmation to first uninstall upgrade-incompatible management packs will appear.

This confirmation window allows to backup all exportable management packs to a specific location. Default location is the current user's temporary folder in the file system.

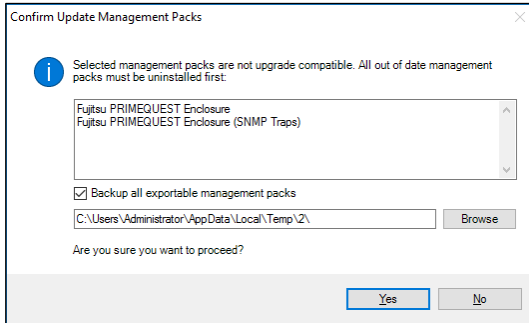


Figure 3 – Confirm Update Management Packs

All management packs which are backed up during the uninstallation process will be re-imported, if possible, after the update process has finished.

- Wait until the update progress window disappears.

3.4 Removing Integration Packs

To remove Integration Packs or specific management packs using *the Fujitsu ServerView Integration Administration Page Management Pack*, go to the *Administration* pane in the SCOM Console and follow these steps:

- On the *Administration* pane select the node *Administration - Fujitsu ServerView Management - Integration Packs*.
- Select the Integration Pack to remove on the *Available Integration Packs and Libraries* list. The green or orange icons indicate that it has been detected as installed.
- All installed management packs will be displayed with a green or orange icon and a checked checkbox.
- To uninstall a whole Integration Pack click *Remove Integration Pack* on the *Tasks* pane.

Or

To remove only specific management packs **uncheck** all management packs that should be removed on the *Management Packs for the selected Integration Pack* list and click *Remove management packs* on the *Tasks* pane.

- Confirm the uninstallation.



The confirmation window allows to backup all exportable management packs to a specific location. The default location is the current user's temporary folder in the file system.

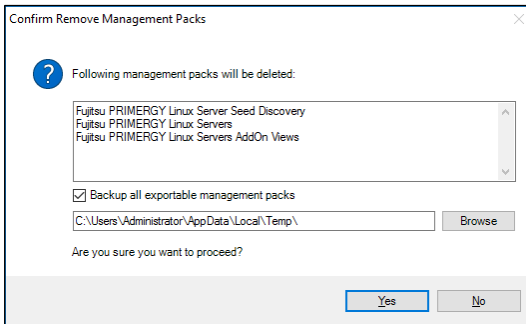



Figure 4 – Confirm Remove Management Packs

- Wait until the uninstallation progress window disappears.

3.5 Global settings

The *ServerView Integration Administration Page* Management Pack provides settings that can be configured globally for all SCOM consoles. These settings allow to override the default behavior for the management pack search, to select the default directories for logs and backups and to set the logging level.

The *Settings* window can be opened by clicking on the gears icon  in the upper right corner.

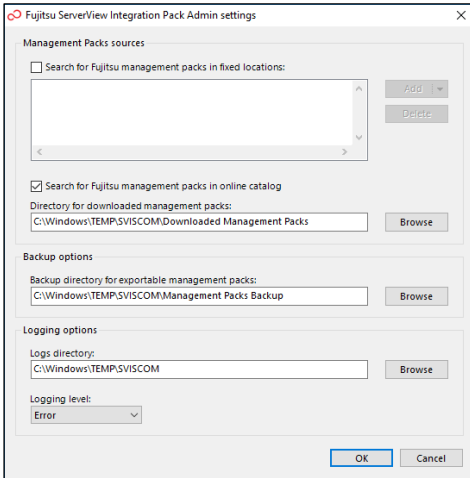


Figure 5 – Fujitsu ServerView Integration Pack Admin settings

3.5.1 Management Packs sources

The *Fujitsu ServerView Integration Administration Page* Management Pack search for Integration Packs in two sources:

- The Fujitsu online catalog
- Locally installed Integration Packs

By default local Management Packs are searched in their installation directories.

If Management Packs are located in different paths than the ones selected during installation the *Fujitsu ServerView Integration Administration Page* Management Pack will not be able to detect them by default. E.g., when management packs are copied without installation from another console host or are placed in a shared path.

To force the *Fujitsu ServerView Integration Administration Page* management pack to detect those management packs instead of installing all Integration Packs again, open the *Settings* window and check the *Search for Fujitsu management packs in fixed locations* option.

Add paths with locations of management packs to the list box using the *Add* button.



If this option is enabled the *ServerView Integration Administration Page* Management Pack will not search any other local locations for management packs. Only locations specified in the *Management Paths search paths* list are processed. This option is not affecting online catalog search.



If the list contains two or more different paths with the same management packs only the management pack with the highest version is taken into account.

3.5.2 Logging options

Log files can be created for error analysis. By default the log file is stored in the system's TEMP directory `%TEMP%/SVISCOM` and is named `Fujitsu.ServerView.IntegrationPackAdmin.UI.[hostname].log`.

To change the location of the logs open the *Settings* window and change the *Logs directory* in *Logging options*.

There are four log levels:

- Disabled
Logs are turned off
- Error (default)
In this log level the management pack logs only error messages
- Informational
In this log level the management pack logs error and informational messages
- Debug
In this log level the management pack logs all error, info and debug messages

To change the log level open the *Settings* window and select the *Logging level* in *Logging options*.

3.5.3 Backup options

The actions to update and remove Integration Packs ask to confirm the process of updating or removing management packs. These confirmation windows have the option to backup exportable (unsealed) management packs.

To change the default path for the backup process open the *Settings* window and provide a new path in *Backup directory for exportable management packs* in *Backup options*.