

# **FUJITSU Software Systemwalker Software Configuration Manager**

## **Release Notes**

Windows/Linux

B1X1-0125-05ENZ0(00)  
August 2014

# Preface

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## Purpose of this Document

This document presents an overview of the functions that have been added since the previous version of Systemwalker Software Configuration Manager V15.3.0, as well as explaining the content of these additional functions and where to find more detailed information in the manuals.

## Intended Readers

This document is intended for those who want to understand the items that have been added and/or changed since the previous version of Systemwalker Software Configuration Manager.

It is assumed that readers of this document already have the following knowledge:

- Basic knowledge of the operating system being used

## Structure of this Document

The structure of this document is as follows:

### [Chapter 1 Overview of Additional Functions](#)

This chapter explains the functions that have been added since the previous version of Systemwalker Software Configuration Manager.

### [Chapter 2 Information about Compatibility](#)

This chapter explains compatibility issues that have changed since the previous version of Systemwalker Software Configuration Manager.

### [Chapter 3 List of Patches](#)

This chapter provides a list of updates that can be applied to Systemwalker Software Configuration Manager.

## Conventions Used in this Document

Refer to the *Documentation Road Map* for information on the names, abbreviations, and symbols used in this manual.

### Abbreviations and Generic Terms Used for Operating Systems

This document uses the following abbreviations and generic terms to indicate operating systems.

Official name	Abbreviation	
Microsoft(R) Windows Server(R) 2012 Datacenter Microsoft(R) Windows Server(R) 2012 Standard	Windows Server 2012	Windows
Microsoft(R) Windows Server(R) 2012 R2 Datacenter Microsoft(R) Windows Server(R) 2012 R2 Standard	Windows Server 2012 R2	
Microsoft(R) Windows Server(R) 2008 Standard Microsoft(R) Windows Server(R) 2008 Standard without Hyper-V Microsoft(R) Windows Server(R) 2008 Enterprise Microsoft(R) Windows Server(R) 2008 Enterprise without Hyper-V	Windows Server 2008	
Microsoft(R) Windows Server(R) 2008 R2 Standard Microsoft(R) Windows Server(R) 2008 R2 Enterprise	Windows Server 2008 R2	
Microsoft(R) Windows Server(R) 2003 R2, Standard Edition Microsoft(R) Windows Server(R) 2003 R2, Enterprise Edition Microsoft(R) Windows Server(R) 2003 R2, Standard x64 Edition Microsoft(R) Windows Server(R) 2003 R2, Enterprise x64 Edition	Windows Server 2003 R2	

Official name	Abbreviation	
Red Hat(R) Enterprise Linux(R) (for x86)	RHEL (x86)	RHEL
Red Hat(R) Enterprise Linux(R) (for Intel64)	RHEL (Intel64)	
Oracle Solaris	Solaris Operating System Solaris OS	Solaris

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Note that system names and product names in this document are not accompanied by trademark symbols such as (TM) or (R).

## Issue Date and Version

Version	Manual code
July 2012: First edition	B1X1-0125-02ENZ0(00) / B1X1-0125-02ENZ2(00)
January 2013: Second edition	B1X1-0125-03ENZ0(00) / B1X1-0125-03ENZ2(00)
March 2014: Third edition	B1X1-0125-04ENZ0(00) / B1X1-0125-04ENZ2(00)
August 2014: Fourth edition	B1X1-0125-05ENZ0(00) / B1X1-0125-05ENZ2(00)

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# Chapter 1 Overview of Additional Functions

This chapter presents an overview of the functions that have been added since the previous version. It also explains the content of these functions, where to find more detailed information in the manuals, and the operating systems that are supported.

## 1.1 Overview of Additional Features for V15.3.0

Item No.	VL	Feature name	Content	Section of manuals for reference	Supported operating system
1	V15.3.0	Hardware configuration management	Collection and management of configuration information of hardware and virtual environments is now possible.  Hardware configuration information can now be collected and managed.	"Function Explanation" in the <i>Technical Guide</i>  "Configuration Management" in the <i>Operator's Guide</i> or the <i>Express User's Guide</i>	Windows/Linux
2	V15.3.0	Solaris 11 business server information collection	The following information can now be collected for Solaris 11 business servers:  Already applied OS patch information  - Already installed Fujitsu Middleware information  - Application status of Fujitsu Middleware patches	"Function Explanation" in the <i>Technical Guide</i>  "Operation Overview" in the <i>Operation Guide</i>	Windows/Linux
3	V15.3.0	Patch management and script execution using commands	Operations for patch management and script execution which have been performed from the management console can now be performed using commands.	"Command Reference" and "File Reference" in the <i>Reference Guide</i>	Windows/Linux
4	V15.3.0	Job management window	Operations of job management functions added in V15.2.0 can now be performed from the management console.	"Job Management" in the <i>Operation Guide</i>	Windows/Linux

## 1.2 Overview of Additional Features for V15.2.0

Item No.	VL	Feature name	Content	Section of manuals for reference	Supported operating system
1	V15.2.0	Systemwalker Software Configuration Manager operated as stand-alone software	Systemwalker Software Configuration Manager can now be used as stand-alone software for managing server patches, software parameters, and software configuration information, in environments where ServerView Resource Orchestrator is not installed.	"Operating Environment" in the <i>Technical Guide</i>  "Defining the Managed Servers" in the <i>Installation Guide</i>	Windows/Linux
2	V15.2.0	Non ROR-managed server management	Systemwalker Software Configuration Manager can now be used to manage physical servers not managed by an L-Platform of ServerView Resource	"Overview" in the <i>Technical Guide</i>	Windows/Linux

Item No.	VL	Feature name	Content	Section of manuals for reference	Supported operating system
			Orchestrator or virtual servers to which server virtualization software (such as vSphere or Hyper-V) has been deployed.	"Defining the Managed Servers" in the <i>Installation Guide</i>	
3	V15.2.0	Admin server and linkage server management	The admin server and linkage servers can now be managed by Systemwalker Software Configuration Manager. (*1)	"Overview" in the <i>Technical Guide</i>	Windows/Linux
4	V15.2.0	Software parameter management	The following features can now be managed in software installed on managed servers: <ul style="list-style-type: none"> <li>- Parameter settings</li> <li>- Parameter discovery</li> </ul>	"Function Explanation" in the <i>Technical Guide</i> "Configuration Management" and "Task Management" in the <i>Operator's Guide</i>	Windows/Linux
5	V15.2.0	Management of software that is not compatible with UpdateAdvisor (middleware)	The following features can now be managed in software installed on managed servers even if the software is not compatible with UpdateAdvisor (middleware): <ul style="list-style-type: none"> <li>- Installation status</li> <li>- Parameter settings</li> <li>- Parameter discovery</li> </ul>	"Operation Setup" in the <i>Operation Guide</i>	Windows/Linux
6	V15.2.0	Job management	Operations such as patch application, patch distribution, parameter setting, and script execution can now be managed as jobs. Managing these operations as jobs enables visualization of the process execution status and facilitates determination of the progress status.	"Job Management" in the <i>Operation Guide</i> "Job Information Management Command" in the <i>Reference Guide</i>	Windows/Linux
7	V15.2.0	Command improvement	The IP address can now be specified for discovery of patch information and product information for Fujitsu middleware products by using the patch information update command.	"swcfmg_patch_updateinfo (Patch Information Update Command)" in the <i>Reference Guide</i>	Windows/Linux
8	V15.2.0	Windows Server 2012 R2 support	Windows Server 2012 R2 is now supported as the operating system for admin servers, linkage servers, and business servers.	"Operating Environment" in the <i>Technical Guide</i>	Windows
9	V15.2.0	Windows 8.1 support	Windows 8.1 is now supported as the operation system for Internet terminals.	"Operating Environment" in the <i>Technical Guide</i>	Windows/Linux
10	V15.2.0	Internet Explorer 11 support	Internet Explorer 11 is now supported as the operating environment for web clients.	"Operating Environment" in the <i>Technical Guide</i>	Windows/Linux

\*1: The administrator must manually perform patch application, software parameter setting, and script execution. These operations cannot be executed from the wizard or commands on the management console.

## 1.3 Overview of Additional Functions for V15.1.1

Item No.	VL	Feature name	Content	Section of manuals for reference	Supported operating system
1	V15.1.1	Windows Server 2012 support	Windows Server 2012 is now supported as the operating system for admin servers, linkage servers, and business servers.	"Operating Environment" in the <i>Technical Guide</i>	Windows
2	V15.1.1	Windows 8 support	Windows 8 is now supported as the operating system for Internet terminals.	"Operating Environment" in the <i>Technical Guide</i>	Windows/Linux
3	V15.1.1	Internet Explorer 10 support	Internet Explorer 10 is now supported by the Web client operating environment.	"Operating Environment" in the <i>Technical Guide</i>	Windows/Linux

## 1.4 Overview of Additional Functions for V15.1.0

Item No.	VL	Feature name	Content	Section of manuals for reference	Supported operating system
1	V15.1.0	Discovery	Software configuration information and information about the patch application status for business servers can now be collected and obtained.	"Discovery" in the <i>Technical Guide</i>	Windows/Linux
2	V15.1.0	Patch management	The application status of patches for Windows business servers can now be managed by linking to WSUS (Microsoft Windows Server Update Services).	"Patch Management" in the <i>Technical Guide</i> "Patch Management" in the <i>Operator's Guide</i>	Windows/Linux
3	V15.1.0	Patch management	The application status of patches for Linux business servers can now be managed by linking to "yum" (Yellowdog Updater Modified).	"Patch Management" in the <i>Technical Guide</i> "Patch Management" in the <i>Operator's Guide</i>	Windows/Linux
4	V15.1.0	Patch management	Patches for Fujitsu middleware can now be obtained and distributed by linking to the UpdateSite and UpdateAdvisor (Middleware).	"Patch Management" in the <i>Technical Guide</i> "Patch Management" in the <i>Operator's Guide</i>	Windows/Linux
5	V15.1.0	Patch management	Patch application operations can now be performed from the management console.	"Patch Management" in the <i>Operator's Guide</i>	Windows/Linux
6	V15.1.0	Configuration management	Software configuration information can now be viewed, registered,	"Maintenance" in the <i>Operator's Guide</i>	Windows/Linux

Item No.	VL	Feature name	Content	Section of manuals for reference	Supported operating system
			updated, deleted, and imported from the management console.		
7	V15.1.0	Configuration management	Configuration information for business servers can now be managed using a configuration management database (CMDB).	"Configuration Management" in the <i>Technical Guide</i> "Configuration Management" in the <i>Operator's Guide</i>	Windows/Linux
8	V15.1.0	Reporting	Information about the results of applying patches to business servers and a list of servers with unapplied patches can now be output in CSV format.	"Patch List CSV File" in the <i>Reference Guide</i>	Windows/Linux



# Chapter 2 Information about Compatibility

This chapter presents information about backwards compatibility with previous versions.

## 2.1 Compatibility with Previous Versions

The tables below lists compatibility information for different versions of Systemwalker Software Configuration Manager admin servers and managed servers.

Table 2.1 Compatibility between the admin server and linkage servers

	VL	Admin server			
		V15.3.0	V15.2.0	V15.1.1	V15.1.0
Linkage server	V15.3.0	Y	N	N	N
	V15.2.0	Y	Y	N	N
	V15.1.1	Y	Y	Y	N
	V15.1.0	N	N	N	Y

Y: Compatible

N: Not compatible

Table 2.2 Compatibility between the admin server and business servers

	VL	Admin server			
		V15.3.0	V15.2.0	V15.1.1	V15.1.0
Business server	V15.3.0	Y	N	N	N
	V15.2.0	Y	Y	N	N
	V15.1.1	Y	Y	Y	N
	V15.1.0	Y	Y	Y	Y
	V14 or earlier	N	N	N	N

Y: Compatible

N: Not compatible



### Note

Note the following about compatibility between a new version admin server and an old version business server:

- Only the functions provided by the old version can be used on the old business server.

## 2.2 Changes in V15.3.0

### 2.2.1 Changes to Job Management Audit Logs and Job Details Files

In V15.2.0, when the parameter settings are requested using the parameter setting command, and actions are executed using the job information management command, the "user ID of the job administrator" was output in the following items:

- The user ID column of the job management audit log
- The executor element output in detailed display in the job information management command

In V15.3.0, the audit information has been reviewed, and in the information above, the description, "#COMMAND", to show the process has been executed is now output.

#### **Action method**

None.

## **2.2.2 Deletion of the Task Management Window**

---

When using V15.2.0 or an earlier version, patch deployment, patch application, parameter settings, and execution status of script execution are checked using the "**Task Management** window".

When using V15.3.0 or later versions, the GUI to check the execution statuses described above have been improved, and are provided as the "**Job Management** window". For this reason, the **Task Management** window is no longer provided.

#### **Action method**

Check using the job management window.

Following the changes above, the following items have been changed:

### **2.2.2.1 Changes to the Directory for Deployment of Fujitsu Middleware Patches**

In versions before V15.2.0, the target directory for Fujitsu middleware patch deployment was "processId\_yyyy-MM-dd\_HH-mm-ss".

In V15.3.0, the directory has been changed to "jobId\_yyyy-MM-dd\_HH-mm-ss".

#### **Action method**

None.

### **2.2.2.2 Changes to the Sample E-mail Template File**

In V15.3.0, the text of the e-mail template file which is used for notification when events occur during patch distribution, patch application, parameter settings, and script execution has been changed.

#### **Action method**

None.

### **2.2.2.3 Changes to the CFMGA10004 Message**

In V15.2.0, the "process instance name" was output in the CFMGA10004 message.

In V15.3.0, the "job ID" is output.

#### **Action method**

None.

## **2.2.3 Changes to IE Versions Supported by the Management Console**

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In V15.2.0 or earlier versions, Internet Explorer 8 or later are supported as the browser for the management console.

In V15.3.0, as the design of the management console can now be renewed, Internet Explorer 8 is no longer supported.

#### **Action method**

Use Internet Explorer 9 or later.

## 2.2.4 Changes to the Login URL of the Management Console

---

As additional functions are now available for the management console, the login URL of the management console has been changed.

[V15.2.0]

```
https://<Admin server FQDN>:31500/managerview/index.html
```

[When operated in coordination with ServerView Resource Orchestrator]

```
https://<Admin server FQDN>:3501/managerview/index.html
```

[V15.3.0]

```
https://<Admin server FQDN>:31500/
```

[When operated in coordination with ServerView Resource Orchestrator]

```
https://<Admin server FQDN>:31500/
```

In V15.2.0 and earlier versions, when the management console is operated in coordination with ServerView Resource Orchestrator, it uses the same port number as ServerView Resource Orchestrator. From V15.3.0, the management console uses the port 31500, even when operated in coordination with ServerView Resource Orchestrator.

### Action method

It is also possible to connect using the URL for the previous version [V15.2.0].

However, when operated in coordination with ServerView Resource Orchestrator, only the URL for the new version [V15.3.0] can be used for connection.

## 2.3 Changes in V15.2.0

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### 2.3.1 Required Products

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#### Changes

Although ServerView Resource Orchestrator V.3.1.1 Cloud Edition was a required product in V15.1.1, it is only required to be linked in V15.2.0 when managing a server deployed by ServerView Resource Orchestrator.

#### Action method

None.

### 2.3.2 Changes to the Method of Managing Fujitsu Middleware Patches

---

Versions up to V15.1.1 managed only Fujitsu middleware patches distributed by the **Patch Application** wizard. Therefore, Fujitsu middleware patches that were not distributed by the **Patch Application** wizard were not included in the count of unapplied patches.

V15.2.0 has been changed to manage Fujitsu middleware patches registered in Systemwalker Software Configuration Manager. Therefore, registered Fujitsu middleware patches that have not been applied are included in the count of unapplied patches. This version has also been changed to include Fujitsu middleware patches that were applied manually in the count of applied patches.

#### Action method

None.

### 2.3.3 Deletion of the Initialization Processing Failure Check Task

---

For V15.2.0, initialization processing during patch distribution was reviewed and functional improvements were made. Consequently, the initialization processing failure check task is no longer generated.

#### Action method

None.

### 2.3.4 Changes to the Content Output to the Process Audit Log

---

For V15.2.0, the content output to the process audit log was reviewed and a job management audit log was provided for outputting only user operations.

#### Action method

None.

#### Changes in V15.1.1

##### Required Products

##### Changes

This product requires ServerView Resource Orchestrator V3.1.1 Cloud Edition.

##### Action method

None.

## 2.4 Changes in V15.1.0

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### 2.4.1 Required Products

---

#### Changes

This product requires ServerView Resource Orchestrator V3.1.0 Cloud Edition.

#### Action method

None.

### 2.4.2 Login URL for the Management Console

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#### Changes

The login URL for the management console has been changed to improve security.

[V14.1.0]

`http://<Host name or admin server IP address>/managerview/index.html`

[V15.1.0]

`https://<Admin server FQDN>:3501/managerview/index.html`

Note: If the port number for the "rcxctext2" service was changed from 3501 to another port number when ServerView Resource Orchestrator was installed, specify the new port number.

### **Action method**

Log in using the new URL.

## **2.4.3 Functional Integration with ServerView Resource Orchestrator V3**

### **Changes**

The following functions that were provided by Systemwalker Software Configuration Manager V14.1 have now been integrated with the functions of ServerView Resource Orchestrator V3.

- Template management
- Provisioning management (automatic deployment of virtual images, and email transmission) (\*1)
- Management of patch information (registering patch application information from the Manager View)
- Taking and restoring snapshots

\*1: A function for setting up software parameters has been provided since V15.1.0.

Accordingly, the Manager View, commands, output messages, and other items have also been changed.

### **Action method**

None.

## Chapter 3 List of Patches

In this software, the failures that occurred in the earlier versions and levels have been modified.

This chapter explains the modified details and the patch numbers in the versions below.

Item No.	VL	Patch No.	Phenomenon
1	V15.1.0 V15.1.1 V15.2.0	PH01366	<p>[Phenomenon]</p> <p>In the following conditions, when discovery of Windows OS patches is performed, the process may stop due to an OutOfMemory error.</p> <p>[Environment]</p> <p>Environments where many PCs and servers are registered in Windows Server Update Services (WSUS) connecting with the linkage server of Systemwalker Software Configuration Manager</p> <p>* 400 or more servers as an estimate. This is not related to the number of servers managed by Systemwalker Software Configuration Manager.</p> <p>[Condition]</p> <p>When OS patch discovery is performed by executing the swcfmg_patch_updateinfo command</p>