

Datasheet

FUJITSU Software

Systemwalker

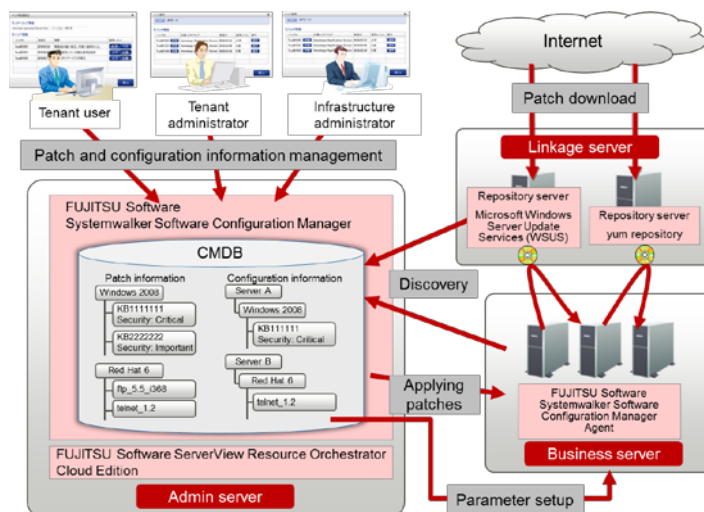
Software Configuration Manager V15

Patch application and automatic collection of information about cloud resources

In modern company IT departments, virtualization and consolidation of servers in enterprise data centers are steadily improving cost competitiveness. However, manual management of resources cannot respond adequately with dynamic increases or changes in server resources (IP, OS, middleware, etc.). Demands on system administrators are increasing.

FUJITSU Software Systemwalker Software Configuration Manager reduces the demand on system administrators by managing the configuration of software that is used for data center system operation management.

FUJITSU Software Systemwalker Software Configuration Manager can automatically collect and manage information about resources that are deployed dynamically in a cloud environment. It can also deliver and apply patches to servers centrally, thereby reducing the burden on system administrators.



Main features

Software configuration management

- Automatic collection of server resource information
- Centralized management of software configuration information under various operating systems
- Graphical User Interface for configuration information

Patch management

- Cooperation with Microsoft Windows Server Update Services (WSUS)
- Cooperation with yum repository
- Alert administrators when required server patches are not applied
- Remote application of OS patches

Software parameter setting

- Automatic setting of software parameters

Benefits

- Reduces manual server management
- Easy management of various OS (Windows, Linux) information
- Management of hardware information such as rack information that cannot be collected automatically via user interfaces for management
- Associates and manages information about hardware and software
- Centralized management of multivendor OS patches
- Easy compliance check
- Remote application of patches without having to login to each server, reducing the burden on administrators
- Eliminates manual setting and human error
- Supports flexible adaptation to changing environments

Topics

Software configuration management

Automatic collection of server resource information

FUJITSU Software Systemwalker Software Configuration Manager collects software configuration information automatically from business servers (discovery) and stores it in CMDB (Configuration Management DataBase). It can conduct regular discovery according to a schedule or manual discovery using a command. It can automatically collect and manage information about resources that are deployed dynamically in a cloud environment.

Centralized management of software configuration information in various OS

Centrally manage and display a list of configuration information collected from each server by discovery, such as server names, tenant names, host names, IP addresses, and the current OS patch application status. When problems occur on a server, the current configuration information is compared with a configuration baseline to check patches applied before the problems occurred.

Managing configuration information that cannot be collected automatically, such as rack information using user interfaces

User interfaces can associate and manage rack information, etc. that cannot be discovered with software information that is discovered. Associate and manage hardware information that is input manually with information discovered, reducing the burden on system administrators.

Patch management

Each administrator manages various OS information using documents, etc. This requires a lot of time to investigate the impact of changes of software, such as applying security patches. Increasing system complexity can easily cause incomplete investigation. FUJITSU Software Systemwalker Software Configuration Manager centrally manages system configuration information including patch information and reduces procedures for patch management.

Cooperation with Microsoft Windows Server Update Services (WSUS)

Windows OS patch information and the current patch application status on business servers can be managed in cooperation with WSUS.

Cooperation with Yellowdog Updater Modified (yum) repository

Linux OS patch information and the current patch application status on business servers can be managed in cooperation with yum repository.

Alert administrators about servers to which patches are not applied

A list of servers that patches are not applied to is displayed with an alert mark.

Applying OS patches remotely

FUJITSU Software Systemwalker Software Configuration Manager can apply patches remotely.

Software parameter setting

Automatic setting of software parameters

In system where ICT resources are only consolidated to private cloud, the differences between user departments about combinations or version level of OS, middleware, or application requires a lot of time to construct cloud system. Manual system construction may also causes human errors.

FUJITSU Software Systemwalker Software Configuration Manager can automatically set parameters for software installed when FUJITSU Software ServerView Resource Orchestrator deploys logical platform (L-Platform).

Technical details

Software prerequisites		
Cloud management software		FUJITSU Software ServerView Resource Orchestrator Cloud Edition V3.1.1
Admin server		
Hardware		FUJITSU Server PRIMERGY RX, BX and TX FUJITSU Server PRIMEQUEST 1000 Series
	Notes	CPU: Intel® Xeon® 3 GHz or higher Memory (excluding OS): 3 GB or more Installation directory: 3 GB
Operating Systems	Microsoft	Microsoft Windows Server 2008 SE/EE (x86, x64) ^{1,2} Microsoft Windows Server 2008 R2 SE/EE/DCE ^{1,2} Microsoft Windows Server 2012 SE/DCE ^{1,2}
	Red Hat	Red Hat Enterprise Linux 5 ³ Red Hat Enterprise Linux 6 ³
	Notes	The following server virtualization environments are supported: Microsoft Hyper-V on Windows Server 2008 SE/EE (x64) Microsoft Hyper-V on Windows Server 2008 R2 SE/EE/DCE Microsoft Hyper-V on Windows Server 2012 SE/DCE VMware vSphere 4 ESX ² VMware vSphere 4.1, 4.1U1 ESX, ESXi ² VMware vSphere 5 ESXi ² VMware vSphere 5.1 ESXi ²
Linkage server		
Hardware		FUJITSU Server PRIMERGY RX, BX and TX FUJITSU Server PRIMEQUEST 1000 Series
	Notes	CPU: Intel® Pentium 4 equivalent or higher Memory (excluding OS): 1 GB or more Installation directory: 800 MB
Operating Systems	Microsoft	Microsoft Windows Server 2008 SE/EE (x86, x64) ^{1,2} Microsoft Windows Server 2008 R2 SE/EE/DCE ^{1,2} Microsoft Windows Server 2012 SE/DCE ^{1,2}
	Red Hat	Red Hat Enterprise Linux 5 ³ Red Hat Enterprise Linux 6 ³

Business server		
Hardware		FUJITSU Server PRIMERGY RX, BX and TX FUJITSU Server PRIMEQUEST 1000 Series
	Notes	CPU: Intel® Pentium 4 equivalent or higher Memory (excluding OS): 0.5 GB or more Installation directory: 300 MB
Operating Systems	Microsoft	Microsoft Windows Server 2003 R2 SE/EE (x86, x64), SP2 or later Microsoft Windows Server 2008 SE/EE (x86, x64) Microsoft Windows Server 2008 R2 SE/EE/DCE Microsoft Windows Server 2012 SE/DCE
	Red Hat	Red Hat Enterprise Linux 5 ³ Red Hat Enterprise Linux 6 ³
Web client		
Browser		Microsoft Internet Explorer 10 ⁴ , 9, 8

- 1) Server Core installation option not supported
- 2) English and Japanese versions only
- 3) English and Japanese are supported
- 4) Only Internet Explorer 10 (Desktop version) is supported

More information

Fujitsu platform solutions

In addition to FUJITSU Software Systemwalker Software Configuration Manager, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure-as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing products

www.fujitsu.com/global/services/computing/
- PRIMERGY: Industrial standard server
- SPARC Enterprise: UNIX server
- PRIMEQUEST: Mission-critical IA server
- ETERNUS: Storage system

Software

www.fujitsu.com/software/
- ServerView Resource Orchestrator: Unified cloud management software
- Interstage: Application infrastructure software
- Systemwalker: System management software

More information

To learn more about FUJITSU Software Systemwalker Software Configuration Manager, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website.
www.fujitsu.com/systemwalker/

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at:
www.fujitsu.com/global/about/environment/



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