FUJITSU Software
ServerView Infrastructure Manager V2.0
Glossary

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FUJITSU LIMITED

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Revision History			
Version	Revision Date	Revision Item	Revision Contents
1.0	September 2016	-	New Creation
2.0	January 2017	Adding and modifying terminologies in response to ISM2.0.0.c patch	No.7 Adding “Event log” No.11 Adding “Online Update” No.32 Adding “CMS”

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No.	Term	Meaning
1	ServerView Infrastructure Manager	This product. Abbreviated as ISM.
2	ISM-VA	This product is provided in virtual appliance format. In this manual, the virtual appliances included among the functions of this product will be referred to as ISM-VA.
3	Account	Account is a string used as a label to identify the user of the computer. In ISM, user accounts to log in to ISM and node accounts are used.
4	Alarm	Event notifications from nodes, notified information to nodes as well as SNMP trap occurrences are generically referred to as alarms. The alarms detected by ISM can be displayed in the screens below. ・[Events] – [Operational Log] screen ・[Logs] – [SNMP Traps] screen Based on their severity, alarms are classified as Error, Warning, and Info. An alarm setting can be specified to decide what action is taken when ISM detects an alarm.
5	Alarm status	The alarm status is shown for each node where ISM detects an alarm. In other words, this means that more than one alarm has been detected on the node. The alarm cancelation procedure changes the alarm status and deletes it as an alarm that has been checked.
6	Event (ISM log)	Event signifies all the incidents occurring on nodes and on the ISM management server. Events are classified into operation logs and audit logs and managed.
7	Event log	One of the logs output when node logs are displayed. Logs related to events.
8	Infrastructure	The ICT devices (servers, storages, switches) and server OS/hypervisors making up the information system.
9	Widget	The various components displayed on the dashboard are called widgets. Since the content displayed by each widget is different, arrange them as needed on the dashboard.
10	Operation log	When the following events are detected by ISM, it is recorded as an operations log. ・The node is in normal waiting status - abnormal status change ・The temperature, power consumption, FAN rotation speed, resource utilization, disk transfer speed, network transfer volume has gone outside of the normal range set for ISM. ・Start and finish of a task. ・Start, stop and anomalies of ISM. ・A record of settings and operations of nodes or management servers.
11	Online Update	The firmware update carried out when a node is powered on (For PCI cards, the server on which a PCI card is mounted is powered on).
12	Audit log	When ISM has detected the following events, it is recorded as an audit log. ・User log in, log out, log in failure. ・Unauthorized URI access.

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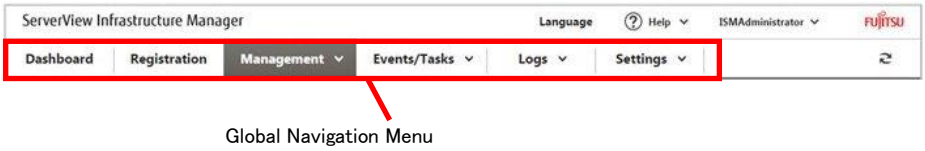
		・Start, stop and anomalies in ISM. ・A record of settings and operations of nodes or management servers. The audit log can only be viewed by the ISM administrator.
13	Management server	A virtual machine on which ISM-VA runs is referred to as a management server.
14	Management terminal	PC or tablet used to operate ISM.
15	Global Navigation Menu	The root menu at the top of each ISM screen.  Global Navigation Menu
16	Refresh button	The refresh button is a button used to refresh the screen. ISM generally does not refresh the screen automatically.
17	3D View	Displays in 3D the racks arranged on the floor and the nodes inside the racks and monitors the status, air inlet temperature and power consumption from a bird's eye perspective.
18	Operation log	One of the logs that are output when node logs are displayed. Logs related to operation.
19	Security log	One of the logs output when node logs are displayed. Logs related to security.
20	Dashboard	Screen that can display summarized outlines of the status of nodes etc. Widgets used for various purposes can be selected and displayed as needed.
21	Task	Among the processes executed in ISM, tasks signify the processes that take time. The processing status of tasks is displayed on the "Task" screen. ・Firmware import ・Firmware update ・Import of OS installation media ・Profile assigning processing ・Collection of node logs
22	Network Map	The screen used to manage the network. It is available to display the network connection status between nodes and check the port settings, and so on.
23	Node	The ICT equipment and facility equipment that are management targets of ISM are referred to as nodes. There are the following node types: ・Server ・Storage ・Switch
24	Node group	The management unit for nodes. Nodes are grouped into units according to the actual tasks, sections, etc. ISM can manage the target nodes by grouping them. Node groups are managed by being correlated with user groups.
25	Node log	The node log displays the log information a node has (refer to the "Archived log") according to requirements set.
26	Node status	Shows the actual status retrieved from a node.

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27	Floor View	Image displaying the positions of the racks on the floor. Makes it possible to monitor the status of nodes within the racks deployed on the floor from a bird's eye perspective.
28	Profile	Profiles have aggregated data used to set up the setting values for nodes in a batch. When a node is set up in ISM, the steps are to first create a profile, which is then assigned. Both the node hardware settings and the OS installation can be done through the profile.
29	Archived log	The log that collects node information and incorporates the status into ISM is called the archived log. It has the following node information. ・Hardware log ・Operating system log ・ServerView Suite log
30	Policy	A policy helps profile setup. It is used to set the same values for the same setting items for multiple profiles.
31	Policy group	Profile group/Policy group To make it easy to handle large numbers of profiles and policies, besides creating optional groups with individual hierarchical structures for profiles and policies, these can be created in special groups. Apart from the optionally created groups, groups created using the default status also exist.
32	CMS	In ISM, virtualization management software is described as CMS (abbreviation for Cloud Management Software). In addition to VMware vCenter Server and Microsoft System Center, Microsoft Failover Cluster is also handled as CMS.
33	User group	The unit used by ISM to manage users. Group users by the actual tasks, sections, etc.
34	User role	The operation authority used by ISM. It can be assigned to user groups (No.32 in this glossary).
35	Rack view	Displays an image of the mounting positions of the nodes (No. 23 in this glossary) in a rack. The node model name, node status (normal/abnormal), node LED light status (On/Off) etc., is also displayed.
36	Repository	The area in ISM-VA used by ISM to store various types of data. It is mainly used for the following purposes: ・Storing firmware used for firmware updates. ・Storing OS installation images used for OS installation. ・Storing ServerView Suite DVDs used for OS installation.

Hardware logs

Type	Nodes that logs will be collected for	Type of Archived logs to be collected
Server	PRIMERGY	SEL
Storage	ETERNUS DX	Results output by the export log command, results output by the show events command.
Switch	SR-X	Output results for "show tech-support" command.

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	VDX	Various files created with the "copy support" command.

OS logs

OS that logs will be retrieved for	Type of Archived logs to be collected / Type of node logs to be analyzed and accumulated
Windows	Event log (system, application, and security logs)
Linux	System log (/var/log/messages、/var/log/secure)
VMware ESXi	System log (syslog.log)

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