



THE POSSIBILITIES ARE INFINITE

PRIMERGY Blade System Events in SCOM

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1. General information on this document

This document lists all known warning and error events of the PRIMERGY Blade System management blade (MMB). These events are supported in the "Fujitsu Software ServerView Blade System Integration Pack for MS System Center Operations Manager". "Events" here means entries in the Windows System Event Log "**FujitsuBladeSystemMMB**", caused by SNMP traps from the MMB. The service "**Fujitsu PRIMERGY Blade System Monitor**" collects these traps into the Event Log.

The traps are marked in the Management Pack (e.g. in the Knowledge Base Articles): **[MMBTRAP_nnnn]**

This document is based on information supplied by the S31.MIB (supplied by OEM manufacturers) to Fujitsu Technology Solutions.

Keywords

Event, Alert, Blade, ServerView Suite, Trap, EventLog

Abbreviations and terms

MIB	Management Information Base
MMB	Management Blade
SNMP	Simple Network Management Protocol

2. Blade System Management Traps

Event ID (nnnn)	Severity (Orig. trap severity)	Message / Description	Resolutions / Action after Error
1604	Warning (MAJOR)	Management blade %d at blade chassis %s status is error. <i>One of management blade status is error</i>	<p>1.) Try to connect to the master management blade (using web interface, telnet or serial connection) If access is possible:</p> <p>2.) Check status of both management blades If the affected management blade is the slave blade:</p> <p>3.) Remove it from the chassis 4.) Wait for at least 30 seconds 5.) Plug it in again In all other cases:</p> <p>6.) Call your local Fujitsu Helpdesk</p>
1605	Error (CRITICAL)	Management blade %d at blade chassis %s status is critical. <i>One of management blade status is critical</i>	<p>1.) Try to connect to the master management blade (using web interface, telnet or serial connection) If access is possible:</p> <p>2.) Check status of both management blades If the affected management blade is the slave blade:</p> <p>3.) Remove it from the chassis. 4.) Wait for at least 30 seconds 5.) Plug it in again In all other cases:</p> <p>6.) Call your local Fujitsu Helpdesk</p>
1609	Warning (MAJOR)	Server blade %d at blade chassis %s status is error. <i>One of server blade status is error</i>	<p>1.) Connect to the master management blade (using web interface, telnet or serial connection)</p> <p>2.) Check the system event log of the affected server blade</p> <p>3.) Shut down the affected server blade 4.) Remove it from the chassis 5.) Wait for at least 30 seconds 6.) Plug it in again 7.) Check for newest BIOS, load BIOS defaults 8.) If problem persists call your local Fujitsu Helpdesk</p>

1610	Error (CRITICAL)	Server blade %d at blade chassis %s status is critical. <i>One of server blade status is critical</i>	<ol style="list-style-type: none"> 1.) Connect to the master management blade (using web interface, telnet or serial connection) 2.) Check the system event log of the affected server blade 3.) Shut down the affected server blade 4.) Remove it from the chassis 5.) Wait for at least 30 seconds 6.) Plug it in again 7.) Check for newest BIOS, load BIOS defaults 8.) If problem persists call your local Fujitsu Helpdesk
1614	Warning (MAJOR)	Switch blade %d at blade chassis %s status is error. <i>One of switch blade status is error</i>	<p>Note: The following actions can only be done during a downtime of the whole blade chassis:</p> <ol style="list-style-type: none"> 1.) Remove the switch blade from the chassis 2.) Wait for at least 30 seconds 3.) Plug it in again 4.) If problem persists call your local Fujitsu Helpdesk
1615	Error (CRITICAL)	Switch blade %d at blade chassis %s status is critical. <i>One of switch blade status is critical</i>	<p>Note: The following actions can only be done during a downtime of the whole blade chassis:</p> <ol style="list-style-type: none"> 1.) Remove the switch blade from the chassis 2.) Wait for at least 30 seconds 3.) Plug it in again 4.) If problem persists call your local Fujitsu Helpdesk
1619	Warning (MAJOR)	System fan %d at blade chassis %s status is error. <i>One of system fan status is error</i>	<ol style="list-style-type: none"> 1.) Remove the affected fan 2.) Wait for at least 30 seconds 3.) Plug it in again 4.) If problem persists replace affected fan 5.) If problem still persists call your local Fujitsu Helpdesk
1620	Error (CRITICAL)	System fan %d at blade chassis %s status is critical. <i>One of system fan status is critical</i>	<ol style="list-style-type: none"> 1.) Remove the affected fan 2.) Wait for at least 30 seconds 3.) Plug it in again 4.) If problem persists replace affected fan 5.) If problem still persists call your local Fujitsu Helpdesk

1622	Warning (MAJOR)	Temperature at system temperature sensor %d of blade chassis %s is out of normal range. <i>The temperature of the indicated system temperature sensor is out of normal range</i>	1.) Verify that all air flow channels are correctly installed, that the housing is closed and that the ventilation slots are not blocked 2.) Verify whether the temperature within your environment did not increase above warning level 3.) Verify that latest management blade firmware is installed 4.) If the problem persists call your local Fujitsu Helpdesk
1623	Error (CRITICAL)	Temperature at system temperature sensor %d of blade chassis %s has reached the critical level. <i>The temperature of the indicated system temperature sensor is out of tolerance range.</i>	1.) Verify that all air flow channels are correctly installed, that the housing is closed and that the ventilation slots are not blocked 2.) Verify whether the temperature within your environment did not increase above warning level 3.) Verify that latest management blade firmware is installed 4.) If the problem persists call your local Fujitsu Helpdesk
1625	Warning (MAJOR)	System temperature sensor %d of blade chassis %s is broken or not connected. <i>The indicated system temperature sensor is broken</i>	1.) Disconnect all power cables from the chassis and wait 30s before reconnect 2.) If the problem persists replace midplane 3.) If the problem still persists call your local Fujitsu Helpdesk
1629	Warning (MAJOR)	Power supply unit %d at blade chassis %s failed. <i>One hot-replace power supply failed.</i>	1.) Check power cabling and mains voltage 2.) Unplug affected power supply, wait 30s and plug it in again 3.) If the problem persists replace affected power supply 4.) If the problem persists call your local Fujitsu Helpdesk
1630	Error (CRITICAL)	Insufficient operating power supplies unit available in power supply unit %d at blade chassis %s. <i>Power supply status has become critical.</i>	1.) Install additional power supply 2.) If problem persist call your local Fujitsu Helpdesk
1637	Warning (MAJOR)	User authentication failure detected at blade chassis %s, performing protocol %s. <i>User authentication failure is detected via SNMP, HTTP or telnet fails</i>	Check password and permissions for the affected user

1638	Warning (MAJOR)	An error was recorded on blade chassis %s. See server management event error log (Recovery) for detailed information. <i>An error message was written into the system blade's event/error log. This could have happened when an error occurred before the agent was running or any error without a specific trap.</i>	Check the (system) error logs
1644	Warning (MINOR)	System live time has exceeded the limited count Front/rear fan or PSU live time has exceeded the limited count.	1.) Replace fan or PSU 2.) If problem persists call your local Fujitsu Helpdesk
1645	Warning (MINOR)	Server blade power on failed The output of system power supply is insufficient to add one more Server Blade to Power on	1.) Check whether power units is not fully loaded or fail 2.) If problem persists call your local Fujitsu Helpdesk
1647	Error (CRITICAL)	Power supply OVP fail <i>Over Voltage (OV) Protection in 12V Output occurred</i>	1.) Check power 2.) If problem persist, add another power supply 3.) If problem still persists call your local Fujitsu Helpdesk
1648	Error (CRITICAL)	Power supply OCP fail <i>Over Current (OC) Protection in 12V Output occurred</i>	1.) Check power 2.) If problem persist, add another power supply 3.) If problem still persists call your local Fujitsu Helpdesk
1652	Warning (MAJOR)	System power supply overall status = degraded. <i>System power supply overall status</i>	1.) Check power supplies and cables 2.) If problem persists call your local Fujitsu Helpdesk
1653	Error (CRITICAL)	System power supply overall status = critical <i>System power supply overall status</i>	1.) Check power supplies and cables 2.) If problem persist call your local Fujitsu Helpdesk
1655	Warning (MAJOR)	System fan overall status = degraded. <i>System fan overall status</i>	1.) Check fans and cables 2.) If problem persists call your local Fujitsu Helpdesk
1656	Error (CRITICAL)	System fan overall status = critical <i>System fan overall status</i>	1.) Check fans and cables 2.) If problem persist call your local Fujitsu Helpdesk
1658	Warning (MAJOR)	System temperature overall status = degraded. <i>System temperature overall status</i>	1.) Check fans, check for free airflow, check the environment temperature and close open covers 2.) If problem persists call your local Fujitsu Helpdesk
1659	Error	System temperature overall status =	1.) Check fans, check for free airflow, check the

	(CRITICAL)	critical <i>System temperature overall status</i>	environment temperature and close open covers 2.) If problem persist call your local Fujitsu Helpdesk
1661	Error (CRITICAL)	Server blade %d at blade chassis %s: I/O virtualization error. <i>System initialization fails, because the power on self test (POST) has reported a virtualization error.</i>	1.) Check the system event log of the affected server blade 2.) If problem persists call your local Fujitsu Helpdesk
1662	Warning (MAJOR)	Server blade %d at blade chassis %s: %s mismatch - port disabled. <i>Server blade mezzanine card has been plugged into a slot of incompatible type.</i>	1.) Server blade configuration does not match. Refer to hardware manual for compatible configurations 2.) If problem persists call your local Fujitsu Helpdesk
1664	Warning (MAJOR)	Connection blade %d at blade chassis %s: %s mismatch - port disabled. <i>Connection blade has been plugged into a slot of incompatible type</i>	1.) Connection blade configuration does not match. Refer to hardware manual for compatible configurations 2.) If problem persists call your local Fujitsu Helpdesk
1666	Warning (MAJOR)	Storage blade %d at blade chassis %s: %s mismatch - port disabled. <i>Storage blade has been plugged into a slot of incompatible type.</i>	1.) Storage blade configuration does not match. Refer to hardware manual for compatible configurations 2.) If problem persists call your local Fujitsu Helpdesk
1671	Warning (MINOR)	Chassis power consumption limiting <i>Power consumption limiting of blade chassis %s exceeds warning level: %s</i>	1.) Check power consumption of components 2.) Check power consumption settings (thresholds) 3.) If problem persists call your local Fujitsu Helpdesk
1672	Error (CRITICAL)	Chassis power consumption limiting <i>Power consumption limiting of blade chassis %s exceeds the limit threshold: %s</i>	1.) Check power consumption of components 2.) Check power consumption settings (thresholds) 3.) If problem persists call your local Fujitsu Helpdesk
1673	Error (CRITICAL)	Chassis power consumption limiting <i>Power consumption limiting of blade chassis %s causes blade %d to shut down: %s</i>	1.) Check power consumption of components 2.) Check power consumption settings (thresholds) 3.) If problem persists call your local Fujitsu Helpdesk