



**THE POSSIBILITIES ARE INFINITE**

# PRIMERGY Server Events for Fujitsu Software ServerView PRO Pack for MS SCOM

Version 7.0

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## **Abstract**

The Performance and Resource Optimization (PRO) utilizes PRO alerts from the System Center Operations Manager to initiate recovery and optimization actions in the System Center Virtual Machine Manager (SCVMM). This document lists all PRO alerts and the related monitors of the Fujitsu ServerView PRO Pack. PRO alerts are derived from Windows event log entries. A PRO alert is derived from one more Windows events. This document describes the group of events which are mapped to a single PRO alert. Furthermore the sources and descriptions of the Windows events are described, which make a PRO alert. The event information in this document is partly based on information supplied by OEM manufacturers to Fujitsu.

## **Keywords**

events, alerts, ServerView, agent, EventLog, event group, PRO Tip

## **Abbreviations and terms**

|       |                                       |
|-------|---------------------------------------|
| MIB   | Management Information Base           |
| SCVMM | System Center Virtual Machine Manager |
| SNMP  | Simple Network Management Protocol    |

## 1 Event Groups

One or more Windows events make an event group. An event group represents a collection of events with a similar meaning. For each event group the ServerView PRO Pack applies a single monitor and the same PRO Tip action.

| Event IDs | Monitor Name                            | Alert Severity | Summary            | Causes  | Resolutions   | PRO Tip Action  |
|-----------|---|----------------|--------------------|---|---|-----------------|
| 12083     | Fujitsu PRIMERGY PRO processor degraded | Warning        | Processor degraded | A 'processor is degraded' state is detected, because the CPU is disabled by BIOS.       | <p>Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:<br/>See server management message log (recovery log) for detailed information.</p>  | Restricted Mode |
| 12081     | Fujitsu PRIMERGY PRO processor critical | Error          | Processor critical | A critical processor state is detected because a CPU is predicted to fail (prefailure). | <p>Fujitsu recommends to migrate all virtual machines to another host(s). This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:<br/>1) Verify that latest BIOS revision and BMC firmware is installed.<br/>2) If problem persists replace the defective processor.<br/>3) If processor replacement does not solve issue the systemboard might be exchanged as well.</p> | Migrate         |

|                           |  |         |                            |  |  |                 |
|---------------------------|--|---------|----------------------------|--|--|-----------------|
| 12068,<br>12069           | Fujitsu PRIMERGY PRO<br>memory critical            | Error   | Memory critical            | A critical memory state is detected because a memory module is predicted to fail (prefailure) --- or a memory module is failing because too many errors have occurred. | Fujitsu recommends to migrate all virtual machines to another host(s). This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Verify that latest BIOS and BMC firmware is installed.<br>2) Reenable the disabled memory module.<br>3) If problem persists replace the defective module.<br>4) If memory replacement does not solve issue the systemboard might be exchanged as well.<br>Note: An error on memory occurred which will lead to a failed module. | Migrate         |
| 12070,<br>12073,<br>12074 | Fujitsu PRIMERGY PRO<br>memory redundancy degraded | Warning | Memory redundancy degraded | Memory redundancy is degraded because a memory module had failed and was replaced by a hot-spare module --- or a memory error caused loss of memory redundancy.        | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Verify that latest BIOS and BMC firmware is installed.<br>2) Reenable the disabled memory module.<br>3) If problem persists replace the defective module.<br>4) If memory replacement does not solve issue the systemboard might be exchanged as well.  | Restricted Mode |

|              |                                   |         |              |   |   |                 |
|--------------|-----------------------------------|---------|--------------|---|---|-----------------|
| 12013, 12015 | Fujitsu PRIMERGY PRO fan degraded | Warning | Fan degraded | A fan is degraded because a fan will fail in near future. (prefailure) --- or a redundant fan failed. | <p>Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:</p> <ol style="list-style-type: none"> <li>1) Verify that the system fan is correctly mounted.</li> <li>2) Check if latest BIOS revision and BMC firmware is installed.</li> <li>3) If the problem persists replace the corresponding fan due to the instructions within the service manual.</li> </ol> | Restricted Mode |
| 12014        | Fujitsu PRIMERGY PRO fan critical | Error   | Fan critical | A fan is in a critical state because the fan failed.  | <p>Fujitsu recommends to migrate all virtual machines to another host(s). This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:</p> <ol style="list-style-type: none"> <li>1) Verify that the system fan is correctly mounted.</li> <li>2) Check if latest BIOS revision and BMC firmware is installed.</li> <li>3) If the problem persists replace the corresponding fan due to the instructions within the service manual.</li> </ol>                       | Migrate         |

|              |  |         |                                 |   |   |                 |
|--------------|--|---------|---------------------------------|---|---|-----------------|
| 12024        | Fujitsu PRIMERGY PRO temperature monitoring degraded | Warning | Temperature monitoring degraded | System is degraded because the indicated temperature sensor is broken.  | <p>Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:</p> <ol style="list-style-type: none"> <li>1) Verify that all air flow channels are correctly installed, that the housing is closed and that the louvers are not blocked.</li> <li>2) Verify whether the temperature within your environment did not increase above 35C.</li> <li>3) Verify that latest BIOS revision and BMC firmware is installed.</li> <li>4) If the problem persists call your local Fujitsu Helpdesk.</li> </ol> | Restricted Mode |
| 12021, 12022 | Fujitsu PRIMERGY PRO temperature critical            | Error   | Temperature critical            | Temperature is critical because the temperature of the indicated sensor has reached the warning level, --- or the temperature of the indicated sensor is out of tolerance range and the system will shut down and power off if shutdown is enabled. | <p>Fujitsu recommends to migrate all virtual machines to another host(s). This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:</p> <ol style="list-style-type: none"> <li>1) Verify that all air flow channels are correctly installed, that the housing is closed and that the louvers are not blocked.</li> <li>2) Verify whether the temperature within your environment did not increase above 35C.</li> <li>3) Verify that latest BIOS revision and BMC firmware is installed.</li> <li>4) If the problem persists call your local Fujitsu Helpdesk.</li> </ol>                       | Migrate         |

|   |   |         |                              |  |  |                 |
|---|---|---------|------------------------------|--|--|-----------------|
| 12034,<br>12035,<br>12036,<br>12038                     | Fujitsu PRIMERGY PRO power supply system degraded | Warning | Power supply system degraded | The power supply system is degraded because one hot-replace power supply failed, --- or one redundant or not redundant hot-replace power supply failed, --- or the power supply redundancy is no longer available. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Verify whether the AC connectors are fully plugged into all installed power supply units.<br>2) Verify that your power provider did not have any interruptions.<br>3) Replace defective power supply.<br>4) If problem persists call your local Fujitsu Helpdesk.   | Restricted Mode |
| 12033,<br>12037,<br>12039,<br>12051,<br>12052,<br>12053 | Fujitsu PRIMERGY PRO power supply system critical | Error   | Power supply system critical | The power supply status has become critical because the temperature in power supply is critical, --- or there is a fan failure in the power supply, --- or the power supply voltage is too low or too high.        | Fujitsu recommends to migrate all virtual machines to another host(s). This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Verify whether the AC connectors are fully plugged into all installed power supply units.<br>2) Verify that your power provider did not have any interruptions.<br>3) Check whether all power cables are correctly connected to the motherboard connectors.<br>4) Replace defective power supply.<br>5) If problem persists call your local Fujitsu Helpdesk. | Migrate         |
| 12054   | Fujitsu PRIMERGY PRO system degraded              | Warning | System degraded              | System is degraded because systemboard battery is predicted to fail.   | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Disconnect AC and wait 30s before reconnect.<br>2) If problem persists replace system battery.  | Restricted Mode |



|       |  |         |                         |                               |   |                 |
|-------|--|---------|-------------------------|-------------------------------|---|-----------------|
| 10750 | Fujitsu PRIMERGY PRO physical drive degraded | Warning | Physical drive degraded | A physical drive is degraded. | <p>Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:<br/>Replace the affected hard disk.</p> | Restricted Mode |
|-------|--|---------|-------------------------|-------------------------------|---|-----------------|

|   |  |         |                                |   |  |                    |
|---|--|---------|--------------------------------|---|--|--------------------|
| 10070,<br>10078,<br>10083,<br>10084,<br>10094,<br>10231,<br>10232,<br>10297,<br>10340,<br>10366,<br>10377,<br>10388,<br>10401,<br>10402,<br>10412,<br>10413,<br>10416,<br>10417,<br>10420,<br>10421,<br>10451,<br>10456,<br>10461,<br>10466,<br>10471,<br>10477,<br>10497,<br>10498,<br>10500,<br>10505,<br>10506,<br>10512,<br>10515,<br>10538,<br>10539,<br>10540,<br>10543,<br>10575,<br>10576,<br>10686,<br>10694,<br>10755,<br>10763,<br>10903 | Fujitsu PRIMERGY PRO<br>RAID logical drive<br>degraded | Warning | RAID logical drive<br>degraded | A RAID logical drive is degraded due to one or more of the following reasons: migration failed on logical drive, --- logical drive degraded, --- logical drive bad block detected, --- BGI finished with uncorrectable errors, --- marking inconsistent, --- bad block table full, --- SAS port has exceeded the allowed error rate, --- disk is not certified, --- logical drive disabled because SAS drives not supported, --- disks missing, --- logical drive missing after reboot, --- logical drive error on disk media, --- bad block table on logical drive is full, --- uncorrectable medium error logged for logical drive, --- redundancy building failed or aborted on disk, --- disk state change to degraded. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Check your RAID configuration.<br>2) Check the hard disks<br>3) Replace affected hard disks.<br>4) Manually initiate a rebuild of the affected hard disk (e. g. via ServerView RAID Manager).<br>5) Try to rewrite data.<br>6) Initiate consistency check via ServerView RAID Manager.<br>7) Manually set the hard disk to hot spare again (e. g. via ServerView RAID Manager).<br>8) If problem persists call your local Fujitsu Helpdesk. | Restricted<br>Mode |
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|---|---|-------|--------------------------------|--|--|---------|
| 10079,<br>10414,<br>10418,<br>10422,<br>10426 | Fujitsu PRIMERGY PRO<br>RAID logical drive critical | Error | RAID logical drive<br>critical | A RAID logical drive is critical due to the following reasons: Logical drive failed, --- state change to failed. | <p>Fujitsu recommends to migrate all virtual machines to another host(s). This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:<br/> Note: Sometimes it is possible to recover without data loss. Further investigation is needed.<br/> 1) Replace affected hard disks.<br/> 2) The array has to be recreated.<br/> 3) If the problem still persists call your local Fujitsu Helpdesk.</p> | Migrate |
|---|---|-------|--------------------------------|--|--|---------|

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|---|---|---------|---------------------------------|---|---|--------------------|
| 10022,<br>10031,<br>10033,<br>10036,<br>10038,<br>10041,<br>10043,<br>10044,<br>10045,<br>10046,<br>10052,<br>10053,<br>10054,<br>10255,<br>10262,<br>10263,<br>10264,<br>10272,<br>10273,<br>10275,<br>10476,<br>10517,<br>10537,<br>10542,<br>10630,<br>10631,<br>10632,<br>10633,<br>10635,<br>10636,<br>10637,<br>10638,<br>10639,<br>10667,<br>10672,<br>10688,<br>10695,<br>10702,<br>10703,<br>10704,<br>10711 | Fujitsu PRIMERGY PRO<br>RAID physical drive<br>degraded | Warning | RAID physical drive<br>degraded | A RAID physical drive degraded due to one or more of the following reasons: disk marked offline, --- bad block on disk detected, --- disk removed, -- media error on disk, -- bad disk inserted in enclosure, ---power failed for disk, --- error on disk, --- reassign write operation failed, - -- disk missing after reboot, --- transfer speed of physical disk changed, --- disk reset, --- bad block table on disk is 100 percent full, --- disk failure detected during POST, --- multiple failure on disk detected, --- disk failed due to write error detection by driver, --- invalid disk on port detected, --- SMART warning on disk, --- predictive failure. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) If the offline hard disk is member of an array initiate a rebuild to the offline hard disk otherwise set hard disk online.<br>2) Check whether all cables are correctly connected to the hard disk backplane connectors.<br>3) If problem persists replace the affected hard disk.<br>4) If the problem still persists call your local Fujitsu Helpdesk. | Restricted<br>Mode |
|---|---|---------|---------------------------------|---|---|--------------------|

|   |   |         |  |  |   |                    |
|---|---|---------|--|--|---|--------------------|
| 10003,<br>10004,<br>10005,<br>10006,<br>10007,<br>10008,<br>10009,<br>10013,<br>10014,<br>10015,<br>10016,<br>10151,<br>10152,<br>10154,<br>10195,<br>10200,<br>10201,<br>10203,<br>10204,<br>10206,<br>10207,<br>10208,<br>10209,<br>10212,<br>10213,<br>10214,<br>10215,<br>10216,<br>10222,<br>10223,<br>10251,<br>10303,<br>10307,<br>10338,<br>10343,<br>10344,<br>10352,<br>10355,<br>10357,<br>10508,<br>10526,<br>10588,<br>10589,<br>10601,<br>10627,<br>10687,<br>10712,<br>10717,<br>10718,<br>10729,<br>10737,<br>10858 | Fujitsu PRIMERGY PRO<br>RAID controller<br>degraded | Warning | RAID controller or<br>BBU/FBU degraded | RAID controller or BBU/FBU degraded due to one or more of the following reasons: single-bit ECC error, --- not enough controller memory, --- clear failed, ---NVRAM retention test failed, --- self check test failed, --- adapter missing after reboot, --- unable to recover cache data from TBBU, --- controller cache discarded, --- unable to recover cache data --- controller cache discarded, --- data in cache not flushed during power up, --- fatal firmware error, --- flash downloaded image corrupt, --- flash erase error, --- flash error, --- flash timeout during programming, --- flash chip type unknown, --- flash command set unknown, --- flash verify failure, --- firmware update failed on disk, --- firmware initialization failed, --- firmware recovery failed, --- BBU temperature out of range, --- BBU temperature unstable, --- BBU voltage out of range, --- BBU voltage unstable, --- BBU failed, --- BBU fast charging failed, --- BBU charge count exceeded, --- BBU needs reconditioning, --- BBU disabled, --- changing write-back virtual disks to write-through, --- BU/charger problems detected, ---periodic BBU relearn is pending, --- BBU requires recalibration, --- BBU cannot support data retention. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Unplug affected controller, wait 30 seconds and reinsert it.<br>2) Flash current RAID controller and iRMC firmware as well as current BIOS revision.<br>3) Verify that current RAID controller drivers are installed.<br>4) Replace the RAID controller DIMM module (cache).<br>5) Replace affected controller.<br>7) Verify that all air flow channels are correctly installed, that the housing is closed and that the louvers are not blocked.<br>8) Verify whether the temperature within your environment is not out of range<br>9) Check whether the BBU data/power cable is correctly connected to the RAID controller connector.<br>10) Check whether the BBU data/power cable is correctly connected to the RAID controller connector.<br>11) Initiate a manual BBU recalibration process (e. g. via ServerView RAID Manager).<br>12) If problem persists replace Battery Backup Unit (BBU).<br><br>13) If the problem still persists call your local Fujitsu Helpdesk. | Restricted<br>Mode |
| 13  |   |         |  |  |   |                    |

|   |  |         |                                |   |  |                 |
|---|--|---------|--------------------------------|---|--|-----------------|
| 10221,<br>10345,<br>10544,<br>10684,<br>10685,<br>10700,<br>10804   | Fujitsu PRIMERGY PRO<br>RAID controller critical       | Error   | RAID controller critical       | RAID controller critical state is indicated due to one or more of the following causes: multi-bit ECC error, --- single-bit ECC error; critical threshold exceeded, --- adapter needs replacement, faulty IOP detected, --- internal hardware error, --- internal PCI hardware error, --<br>- controller encountered a fatal error.           | Fujitsu recommends to migrate all virtual machines to another host(s). This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Replace the RAID controller DIMM module (cache).<br>2) If problem persists replace RAID controller.<br>3) If the problem still persists call your local Fujitsu Helpdesk.   | Migrate         |
| 10321,<br>10325,<br>10326,<br>10327,<br>10328,<br>10329,<br>10330,<br>10364,<br>10376,<br>10482,<br>10567 | Fujitsu PRIMERGY PRO<br>storage subsystem degraded     | Warning | Storage subsystem degraded     | The storage subsystem is degraded due to one or more of the following causes: Enclosure EMM failed, --- enclosure not supported, --- enclosure firmware mismatch, --- enclosure sensor bad, --- enclosure PHY bad, --- enclosure is unstable, --- enclosure hardware error, --- enclosure EMM not installed, --- redundant enclosure removed. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Unplug affected hard disk, wait 30 seconds and reinsert it.<br>2) Check if enclosure is running.<br>3) Check/replace the cable between controller and the affected hard disk.<br>4) Verify that current RAID controller and iRMC firmware as well as current BIOS is installed.<br>5) Replace affected hard disk.<br>6) If the problem still persists call your local Fujitsu Helpdesk. | Restricted Mode |
| 10049   | Fujitsu PRIMERGY PRO<br>storage subsystem fan degraded | Warning | Storage subsystem fan degraded | Storage subsystem fan degraded because fan in enclosure failed.   | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Replace the affected fan within the external storage subsystem.   | Restricted Mode |

|   |  |         |   |  |   |                    |
|---|--|---------|---|--|---|--------------------|
| 12040,<br>10047,<br>10051,<br>10347,<br>10813,<br>10814 | Fujitsu PRIMERGY PRO<br>storage subsystem<br>power supply degraded | Warning | Storage subsystem<br>power supply<br>degraded | Storage subsystem power supply degraded due to one or more of the following causes:<br>enclosure powered down, --- power supply in enclosure failed, --- enclosure power supply cable removed, --- enclosure power supply removed. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Check the power cable(s).<br>2) Check the mains voltage.<br>3) Replace the power supply(s).<br>4) If the problem still persists call your local Fujitsu Helpdesk.  | Restricted<br>Mode |
| 10050,<br>10818,<br>10820                               | Fujitsu PRIMERGY PRO<br>storage subsystem<br>temperature degraded  | Warning | Storage subsystem<br>temperature critical     | The temperature of a storage subsystem is in a critical state due to the following cause:<br>temperature sensor in enclosure above or below error threshold.   | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Verify that the air flow is not blocked and that the housing is closed.<br>2) Verify whether the temperature within your environment did not increase above threshold.<br>3) If the problem persists call your local Fujitsu Helpdesk. | Restricted<br>Mode |

|   |  |         |                           |  |   |                    |
|---|--|---------|---------------------------|--|---|--------------------|
| 10030,<br>10057,<br>10058,<br>10170,<br>10233,<br>10240,<br>10245,<br>10248,<br>10271,<br>10336,<br>10342,<br>10528,<br>10551,<br>10552,<br>10570,<br>10571,<br>10606,<br>10607,<br>10609,<br>10616,<br>10622,<br>10623,<br>10662,<br>10663,<br>10682,<br>10734,<br>10801 | Fujitsu PRIMERGY PRO<br>RAID operation problem | Warning | RAID operation<br>problem | RAID operation problem with copyback, rebuild, initialization or security problem or other problem detected due to one or more of the following causes: copyback failed on disk, --- copyback aborted on hot spare, ---copyback aborted for rebuild, --- copyback on logical drive aborted due to bad block table overflow, --- redundant copy on logical drive aborted due to bad block table overflow, --- copyback aborted on disk, --- rebuild on disk failed, --- rebuild failed on logical drive, --<br>- rebuild aborted on logical drive, --- reconstruct detected uncorrectable double medium errors, --- reconstruction resume failed, --- disk too small to be used for auto-rebuild, --- background initialization failed or aborted on logical drive, --- disk security key, re-key operation failed, --- disk security key is invalid, --- disk security key from escrow is invalid, --- security subsystem problems detected for disk, --- disk security pass phrase from user is invalid, --- reboot required, --<br>- early power off warning was unsuccessful. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Manually initiate a second rebuild (e. g. via ServerView RAID Manager).<br>2) If problem persists replace the affected hard disk.<br>3) Restart background init (BGI).<br>4) Call your local Fujitsu Helpdesk. | Restricted<br>Mode |
|---|--|---------|---------------------------|--|---|--------------------|



|   |  |         |                                |  |   |                    |
|---|--|---------|--------------------------------|--|---|--------------------|
| 10037,<br>10040,<br>10139,<br>10197,<br>10258,<br>10279,<br>10282,<br>10283,<br>10284,<br>10285,<br>10286,<br>10287,<br>10288,<br>10289,<br>10290,<br>10291,<br>10292,<br>10293,<br>10294,<br>10317,<br>10331,<br>10518,<br>10536,<br>10565,<br>10689,<br>10736,<br>10864 | Fujitsu PRIMERGY PRO<br>RAID communication<br>degraded | Warning | RAID communication<br>degraded | RAID communication degraded due to one or more of the following causes: enclosure communication lost, --- battery communication error, --- channel disabled, --- or disk link failed in SAS wide port, --- COD I/O error on disk, --- retry I/O on disk, --- hot spare SMART polling failed, --<br>- redundant path broken, --- unable to access disk, --- SAS port lost link, --- command timeout on disk, --- disk failed due to SAS/SATA interface error rate too high, --- cluster down; communication with peer lost. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Unplug affected hard disk, wait 30 seconds and reinsert it.<br>2) Check/replace the cable between controller and the affected hard disk.<br>3) Verify that current RAID controller and iRMC firmware as well as current BIOS is installed.<br>4) Replace affected backplane or the data cable.<br>5) Check data cable(s) to enclosure.<br>6) Check if enclosure is running.<br>7) Check whether the BBU data/power cable is correctly connected to the RAID controller connector.<br>8) If problem persists replace Battery Backup Unit (BBU).<br>9) If the problem still persists call your local Fujitsu Helpdesk. | Restricted<br>Mode |
| 10062,<br>10063,<br>10066,<br>10067,<br>10237,<br>10341,<br>10408,<br>10475,<br>10514,<br>10529,<br>10530,<br>10532,<br>10534,<br>10696,<br>10697,<br>10846   | Fujitsu PRIMERGY PRO<br>RAID consistency<br>problem    | Warning | RAID consistency<br>problem    | RAID consistency problem detected due to one or more of the following causes:  | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the implement button.<br><br>Further Resolutions:<br>1) Start consistency check (CC) again. Only if problem persists:<br>2) Backup the data from the affected logical drive.<br>3) Delete and recreate affected logical drive.<br>4) Restore the data.<br>5) If the problem still persists call your local Fujitsu Helpdesk.   | Restricted<br>Mode |

|  |   |         |                            |   |  |                 |
|--|---|---------|----------------------------|---|--|-----------------|
| 10398  | Fujitsu PRIMERGY PRO RAID consistency error     | Error   | RAID consistency error     | RAID consistency error detected due to one or more of the following causes: consistency check failed on logical drive, --- consistency check aborted on logical drive, --- consistency check finished with errors on logical drive, --- MDC aborted due to ownership loss, --- MDC failed on logical drive, --- MDC finished with uncorrectable errors on logical drive, --- changed adapter property detected after reboot, --- abnormal capacity of disk in logical drive detected, --- illegal type of disk in logical drive detected, --- consistency check rejected.   | Fujitsu recommends to migrate all virtual machines to another host(s). This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Manually initiate a second consistency check (MDC) (e. g. via ServerView RAID Manager).<br>2) If problem persists replace the affected hard disk.<br>3) If the problem still persists call your local Fujitsu Helpdesk. | Migrate         |
| 10093, 10259, 10332, 10379, 10380, 10381, 10382, 10522, 10523, 10524 | Fujitsu PRIMERGY PRO RAID configuration problem | Warning | RAID configuration problem | RAID configuration problem detected due to one or more of the following causes: hot spare operation on logical drive failed, --- disk not supported, --- SAS/SATA mixing not supported in enclosure, --- physical drives missing from configuration at boot, --- VDs missing drives and will go offline at boot, --- VDs missing at boot, --- previous configuration completely missing at boot, --- adapter global affinity hot spare commissioned in a different enclosure, --- adapter foreign configuration table overflow, --- or adapter partial foreign configuration imported, physical disks not imported. | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Check your RAID configuration.<br>2) Unplug affected hard disk, wait 30s and reinsert it.<br>3) Replace affected hard disk.<br>4) If the problem still persists call your local Fujitsu Helpdesk. | Restricted Mode |
| 6,13,29,30,8196,8197,8198,8205                                       | Fujitsu PRIMERGY PRO GBit NIC degraded          | Warning | GBit NIC problem           | Problem for GBit NIC detected due to one or more of the following causes: map register allocation error, --- or link error, network connection could not be started, --- or duplex mismatch error.  | Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.<br><br>Further Resolutions:<br>1) Check network cable<br>2) Reinstall driver<br>3) Check driver configuration<br>4) If the problem still persists call your local Fujitsu Helpdesk.   | Restricted Mode |

|                      |   |         |                     |  |  |                 |
|----------------------|---|---------|---------------------|--|--|-----------------|
| 6,30,34              | Fujitsu PRIMERGY PRO 10Gbit NIC degraded  | Warning | 10 Gbit NIC problem | Problem for 10 Gbit NIC detected due to one or more of the following causes: map register allocation error, --- or duplex mismatch error, --- or memory allocation error.  | <p>Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:<br/> 1) Check driver configuration<br/> 2) If the problem still persists call your local Fujitsu Helpdesk.</p> | Restricted Mode |
| 11,13,16,22,23,25,26 | Fujitsu PRIMERGY PRO NIC teaming degraded | Warning | NIC teaming problem | Problem for NIC teaming detected due to one ore more of the following causes: adapter link down or deactivated, --- or network connection lost, --- or a adapter does not sense any probes, --- or a virtual adapter failed to initialize, --- or an adapter failed to join. | <p>Fujitsu recommends to exclude the server temporarily from placement of new virtual machines. This is the default behavior when you press "Implement". If you have overridden the default behavior in SCOM please refer to your customized settings for the behavior of the "Implement" button.</p> <p>Further Resolutions:<br/> Call your local Fujitsu Helpdesk.</p>   | Restricted Mode |

## 2 Event-Lists

### 2.1 Sources for Events

Windows events may be generated by ServerView agents or drivers.

#### Events of ServerView Agents:

- Events based on HD-MIB traps
- Server-Control2-MIB

#### Events generated by drivers:

- NDIS 10 Gigabit Driver Event Messages
- NDIS 10 Gigabit Driver Event Messages

### 2.2 Activating of Events

#### 2.2.1 Events of the ServerView Agents

The menu option

*Start -> Programs -> Fujitsu ServerView -> Agents -> Configuration Tools -> Agents*

*Configuration*

enables you to make the required configuration settings.

#### 2.2.2 Events of the controller drivers

The events to the Windows EventLog this must be checked using the relevant documentation on the controllers (e.g. readme). If required the events must then be activated in accordance with the instructions listed.

## 2.3 Information on the Event Lists

Each Event List contains the following information:

| Item              | Description   |
|-------------------|---|
| EventLog          | The name of the Windows Event Log: System / Application   |
| Source Name       | Source name with which an event is listed in the EventLog. This information is required in the EventLog together with the Event ID to ensure that the event is unambiguous. |
| Event ID          | Number of the event   |
| Severity          | Severity of the event: Information / Warning / Error  |
| Monitor Name      | Name of the PRO Pack monitor which monitors the event   |
| Short Description | Description of the event  |
| PRO Tip action    | Action which is proposed or automatically executed (depending on selected option) by the Fujitsu Software ServerView PRO Pack for MS SCOM.                                  |

### 3 HD-MIB

**EventLog:** Application

**Source Name:** "ServerView Agents"

"HD\_MIB\_nnnnn", nnnnn = Event ID

**PRO Tip actions of the SCVMM:**

- 1: The server is set in the Restricted Mode. In this mode new virtual machines cannot be placed on this server until the maintenance tasks have been finished.
- 2: Migrate all running virtual machines from the server to another healthy server immediately.
- 3: For this event no PRO Tip is recommended.

| Event ID | Severity | Monitor Name                                 | Short Description           | PRO Tip Action |
|----------|----------|--|-----------------------------|----------------|
| 10750    | Error    | Fujitsu PRIMERGY PRO physical drive degraded | S.M.A.R.T failure predicted | 1              |

## 4 SERVER-CONTROL2-MIB

**EventLog:** Application

**Source Name:** "ServerView Agents"

**"SC2\_MIB\_nnnnn", nnnnn = Event ID**

**PRO Tip actions of the SCVMM:**

- 1: The server is set in the Restricted Mode. In this mode new virtual machines cannot be placed on this server until the maintenance tasks have been finished.
- 2: Migrate all running virtual machines from the server to another healthy server immediately.
- 3: For this event no PRO Tip is recommended.

| Event ID | Severity | Monitor Name                                      | Short Description             | PRO Tip Action |
|----------|----------|---|-------------------------------|----------------|
| 12013    | Error    | Fujitsu PRIMERGY PRO Fan degraded                 | Fan failure predicted         | 1              |
| 12014    | Error    | Fujitsu PRIMERGY PRO Fan critical                 | Fan failed                    | 2              |
| 12015    | Error    | Fujitsu PRIMERGY PRO Fan degraded                 | Redundant fan failed          | 1              |
| 12021    | Error    | Fujitsu PRIMERGY PRO Temperature critical         | Temperature warning           | 2              |
| 12022    | Error    | Fujitsu PRIMERGY PRO Temperature critical         | Temperature critical          | 2              |
| 12024    | Error    | Fujitsu PRIMERGY PRO Temperature degraded         | Temperature sensor broken     | 1              |
| 12033    | Error    | Fujitsu PRIMERGY PRO Power supply system critical | Power supply critical         | 2              |
| 12034    | Error    | Fujitsu PRIMERGY PRO Power supply system degraded | Power supply failed           | 1              |
| 12035    | Error    | Fujitsu PRIMERGY PRO Power supply system degraded | Redundant power supply failed | 1              |

|       |         |  |  |   |
|-------|---------|--|--|---|
| 12036 | Warning | Fujitsu PRIMERGY PRO Power supply system degraded            | Power supply redundancy lost           | 1 |
| 12037 | Error   | Fujitsu PRIMERGY PRO Power supply system critical            | Critical temperature at power supply   | 2 |
| 12038 | Error   | Fujitsu PRIMERGY PRO Power supply system degraded            | Fan failure prediction in power supply | 1 |
| 12039 | Error   | Fujitsu PRIMERGY PRO Power supply system critical            | Fan failure in power supply.           | 2 |
| 12040 | Error   | Fujitsu PRIMERGY PRO Storage Subsystem Power Supply degraded | AC failed                              | 1 |
| 12051 | Error   | Fujitsu PRIMERGY PRO Power supply system critical            | Voltage too low                        | 2 |
| 12052 | Error   | Fujitsu PRIMERGY PRO Power supply system critical            | Voltage too high                       | 2 |
| 12053 | Error   | Fujitsu PRIMERGY PRO Power supply system critical            | Voltage out of range                   | 2 |
| 12054 | Error   | Fujitsu PRIMERGY PRO System degraded                         | Battery failure predicted              | 1 |
| 12068 | Error   | Fujitsu PRIMERGY PRO Memory critical                         | Memory module prefailure               | 2 |
| 12069 | Error   | Fujitsu PRIMERGY PRO Memory critical                         | Memory module failing                  | 2 |
| 12070 | Error   | Fujitsu PRIMERGY PRO Memory redundancy degraded              | Memory module replaced                 | 1 |
| 12073 | Error   | Fujitsu PRIMERGY PRO Memory redundancy degraded              | Memory module replaced                 | 1 |
| 12074 | Error   | Fujitsu PRIMERGY PRO Memory redundancy degraded              | Memory redundancy lost                 | 1 |
| 12081 | Error   | Fujitsu PRIMERGY PRO Processor critical                      | CPU prefailure                         | 2 |
| 12083 | Erro    | Fujitsu PRIMERGY PRO Processor degraded                      | CPU disabled                           | 1 |



## 5 ServerView Raid

**EventLog:** Application

**Source Name:** "ServerView Raid"

"SERVERVIEW\_RAID\_nnnnn", nnnnn = Event ID

### PRO Tip actions of the SCVMM:

- 1: The server is set in the Restricted Mode. In this mode new virtual machines cannot be placed on this server until the maintenance tasks have been finished.
- 2: Migrate all running virtual machines from the server to another healthy server immediately.
- 3: For this event no PRO Tip is recommended.

| Event ID | Severity | Monitor Name                                     | Short Description               | PRO Tip Action |
|----------|----------|--|---------------------------------|----------------|
| 10003    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded       | BBU temperature out of range    | 1              |
| 10004    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded       | BBU temperature unstable        | 1              |
| 10005    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded       | BBU temperature above threshold | 1              |
| 10006    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded       | BBU voltage out of range        | 1              |
| 10007    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded       | BBU voltage unstable            | 1              |
| 10008    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded       | BBU voltage below threshold     | 1              |
| 10009    | ERROR    | Fujitsu PRIMERGY PRO RAID communication degraded | BBU communication error         | 1              |
| 10013    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded       | BBU failed                      | 1              |
| 10014    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded       | BBU fast charging failed        | 1              |

| Event ID | Severity | Monitor Name   | Short Description                               | PRO Tip Action |
|----------|----------|--|---|----------------|
| 10015    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded                   | BBU charge count exceeded                       | 1              |
| 10016    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded                   | BBU needs reconditioning.                       | 1              |
| 10022    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded            | Disk marked offline                             | 1              |
| 10030    | ERROR    | Fujitsu PRIMERGY PRO RAID rebuild problem                    | Rebuild on disk failed                          | 1              |
| 10031    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded            | Bad block on disk detected                      | 1              |
| 10033    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded            | Disk removed                                    | 1              |
| 10036    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded            | Bad sector on disk detected                     | 1              |
| 10037    | ERROR    | Fujitsu PRIMERGY PRO RAID communication to disk degraded     | COD I/O error on disk                           | 1              |
| 10038    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded            | Error on disk detected.                         | 1              |
| 10040    | ERROR    | Fujitsu PRIMERGY PRO RAID communication to disk degraded     | Retry I/O on disk                               | 1              |
| 10041    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded            | ECC error on disk.                              | 1              |
| 10043    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded            | Media error on disk.                            | 1              |
| 10044    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive predicted failure   | SMART warning on disk                           | 1              |
| 10045    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive predicted failure   | SMART error on disk                             | 1              |
| 10046    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded            | Bad disk inserted in enclosure                  | 1              |
| 10047    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem Power Supply degraded | Enclosure powered down                          | 1              |
| 10049    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem FAN degraded          | Fan in enclosure failed                         | 1              |
| 10050    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem Temperature degraded  | Temperature sensor in enclosure above threshold | 1              |
| 10051    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem Power Supply degraded | Power supply in enclosure failed                | 1              |
| 10052    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded            | 3.3V power failed for disk                      | 1              |

| Event ID | Severity | Monitor Name   | Short Description                                       | PRO Tip Action |
|----------|----------|--|---|----------------|
| 10053    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded      | 5.0V power failed for disk                              | 1              |
| 10054    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded      | 12V power failed for disk                               | 1              |
| 10057    | ERROR    | Fujitsu PRIMERGY PRO RAID rebuild problem              | Rebuild failed on logical drive                         | 1              |
| 10058    | WARNING  | Fujitsu PRIMERGY PRO RAID rebuild problem              | Rebuild aborted on logical drive                        | 1              |
| 10062    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem          | Consistency check failed on logical drive               | 1              |
| 10063    | WARNING  | Fujitsu PRIMERGY PRO RAID consistency problem          | Consistency check aborted on logical drive              | 1              |
| 10066    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem          | Consistency check finished with errors on logical drive | 1              |
| 10067    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem          | Inconsistency detected on logical drive                 | 1              |
| 10070    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded       | Migration failed on logical drive                       | 1              |
| 10078    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded       | Logical drive degraded                                  | 1              |
| 10079    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive critical       | Logical drive failed                                    | 2              |
| 10083    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded       | Logical drive error on disk                             | 1              |
| 10084    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded       | Logical drive bad block detected                        | 1              |
| 10093    | ERROR    | Fujitsu PRIMERGY PRO RAID configuration problem        | Hot spare operation on logical drive failed             | 1              |
| 10094    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem | Logical drive forced from failed to degraded            | 1              |
| 10139    | WARNING  | Fujitsu PRIMERGY PRO RAID communication degraded       | Channel disabled  | 1              |
| 10151    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded             | BBU voltage problem detected                            | 1              |
| 10152    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded             | BBU temperature problem detected                        | 1              |
| 10154    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded             | BBU failed  | 1              |
| 10170    | ERROR    | Fujitsu PRIMERGY PRO System miscellaneous problem      | Reboot required   | 1              |

| Event ID | Severity | Monitor Name   | Short Description                               | PRO Tip Action |
|----------|----------|--|---|----------------|
| 10195    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller cache degraded      | Unable to recover cache data from TBBU          | 1              |
| 10197    | ERROR    | Fujitsu PRIMERGY PRO RAID Cluster communication critical | Cluster down; communication with peer lost      | 1              |
| 10200    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller cache degraded      | Controller cache discarded.                     | 1              |
| 10201    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller cache degraded      | Unable to recover cache data                    | 1              |
| 10203    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller cache degraded      | Controller cache discarded                      | 1              |
| 10204    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Fatal firmware error                            | 1              |
| 10206    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash downloaded image corrupt                  | 1              |
| 10207    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash erase error                               | 1              |
| 10208    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash timeout during erase                      | 1              |
| 10209    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash error                                     | 1              |
| 10212    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash programming error                         | 1              |
| 10213    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash timeout during programming                | 1              |
| 10214    | WARNING  | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash chip type unknown                         | 1              |
| 10215    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash command set unknown                       | 1              |
| 10216    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem            | Flash verify failure                            | 1              |
| 10221    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller critical            | Multi-bit ECC error                             | 2              |
| 10222    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller degraded            | Single-bit ECC error                            | 1              |
| 10223    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller degraded            | Not enough controller memory                    | 1              |
| 10231    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | BGI finished with uncorrectable errors          | 1              |
| 10232    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | BGI detected uncorrectable double medium errors | 1              |

| Event ID | Severity | Monitor Name   | Short Description  | PRO Tip Action |
|----------|----------|--|--|----------------|
| 10233    | ERROR    | Fujitsu PRIMERGY PRO RAID BGI problem                    | BGI failed   | 1              |
| 10237    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem            | Consistency check found inconsistent parity                | 1              |
| 10240    | ERROR    | Fujitsu PRIMERGY PRO RAID BGI problem                    | Initialization failed                                      | 1              |
| 10245    | ERROR    | Fujitsu PRIMERGY PRO RAID rebuild problem                | Reconstruct detected uncorrectable double medium errors    | 1              |
| 10248    | ERROR    | Fujitsu PRIMERGY PRO RAID rebuild problem                | Reconstruction resume failed                               | 1              |
| 10251    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Clear failed   | 1              |
| 10255    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Error on disk  | 1              |
| 10258    | ERROR    | Fujitsu PRIMERGY PRO RAID communication to disk degraded | Hot spare SMART polling failed                             | 1              |
| 10259    | ERROR    | Fujitsu PRIMERGY PRO RAID configuration problem          | Disk not supported   | 1              |
| 10262    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Patrol Read found an uncorrectable medium error            | 1              |
| 10263    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Predictive failure   | 1              |
| 10264    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Puncturing bad block                                       | 1              |
| 10271    | ERROR    | Fujitsu PRIMERGY PRO RAID rebuild problem                | Rebuild stopped  | 1              |
| 10272    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Reassign write operation failed                            | 1              |
| 10273    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Unrecoverable medium error during rebuild                  | 1              |
| 10275    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Unrecoverable medium error during recovery                 | 1              |
| 10279    | ERROR    | Fujitsu PRIMERGY PRO RAID communication to disk degraded | Redundant path broken                                      | 1              |
| 10282    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded               | SAS topology error: Loop detected                          | 1              |
| 10283    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded               | SAS topology error: Unaddressable device                   | 1              |
| 10284    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded               | SAS topology error: Multiple ports to the same SAS address | 1              |

| Event ID | Severity | Monitor Name   | Short Description                                | PRO Tip Action |
|----------|----------|--|--|----------------|
| 10285    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: Expander error               | 1              |
| 10286    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: SMP timeout                  | 1              |
| 10287    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: Out of route entries         | 1              |
| 10288    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: Index not found              | 1              |
| 10289    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: SMP function failed          | 1              |
| 10290    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: SMP CRC error                | 1              |
| 10291    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: Multiple subtractive         | 1              |
| 10292    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: Table to table               | 1              |
| 10293    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded   | SAS topology error: Multiple paths               | 1              |
| 10294    | ERROR    | Fujitsu PRIMERGY PRO RAID communication to disk Fujitsu PRIMERGY PRO SAS Topology degraded | Unable to access disk                            | 1              |
| 10297    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded   | Marking inconsistent                             | 1              |
| 10303    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded   | BBU has failed and cannot support data retention | 1              |
| 10307    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded   | BBU relearn timed out                            | 1              |
| 10317    | WARNING  | Fujitsu PRIMERGY PRO RAID communication to enclosure degraded                              | Enclosure communication lost                     | 1              |
| 10321    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem degraded  | Enclosure EMM failed                             | 1              |
| 10325    | WARNING  | Fujitsu PRIMERGY PRO Storage Subsystem degraded  | Enclosure not supported                          | 1              |
| 10326    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem degraded  | Enclosure firmware mismatch                      | 1              |
| 10327    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem degraded  | Enclosure sensor bad                             | 1              |
| 10328    | ERROR    | ? Fujitsu PRIMERGY PRO Storage Subsystem degraded  | Enclosure PHY bad                                | 1              |
| 10329    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem degraded  | Enclosure is unstable                            | 1              |

| Event ID | Severity | Monitor Name  | Short Description  | PRO Tip Action |
|----------|----------|---|--|----------------|
| 10330    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem degraded               | Enclosure hardware error   | 1              |
| 10331    | WARNING  | Fujitsu PRIMERGY PRO RAID communication to enclosure degraded | Enclosure not responding   | 1              |
| 10332    | WARNING  | Fujitsu PRIMERGY PRO RAID configuration problem               | SAS/SATA mixing not supported in enclosure                       | 1              |
| 10336    | WARNING  | Fujitsu PRIMERGY PRO RAID rebuild problem                     | Disk too small to be used for auto-rebuild                       | 1              |
| 10338    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded                    | BBU disabled; changing Write-back virtual disks to Write-through | 1              |
| 10340    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded              | Bad block table full   | 1              |
| 10341    | WARNING  | Fujitsu PRIMERGY PRO RAID consistency problem                 | MDC aborted due to ownership loss                                | 1              |
| 10342    | WARNING  | Fujitsu PRIMERGY PRO RAID BGI problem                         | BGI aborted  | 1              |
| 10343    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded                    | BU/charger problems detected                                     | 1              |
| 10344    | WARNING  | Fujitsu PRIMERGY PRO RAID Controller degraded                 | Single-bit ECC error; warning threshold exceeded                 | 1              |
| 10345    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller critical                 | Single-bit ECC error; critical threshold exceeded                | 2              |
| 10347    | WARNING  | Fujitsu PRIMERGY PRO Storage Subsystem Power Supply degraded  | Enclosure power supply cable removed                             | 1              |
| 10352    | ERROR    | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded                    | BBU retention test failed  | 1              |
| 10355    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller degraded                 | NVRAM retention test failed                                      | 1              |
| 10357    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller degraded                 | Self check test failed   | 1              |
| 10364    | WARNING  | Fujitsu PRIMERGY PRO Storage Subsystem degraded               | SAS wide port lost link on PHY                                   | 1              |
| 10366    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded              | SAS port has exceeded the allowed error rate                     | 1              |
| 10376    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem                 | Enclosure firmware download failed                               | 1              |
| 10377    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded              | Disk is not certified  | 1              |
| 10379    | WARNING  | Fujitsu PRIMERGY PRO RAID configuration problem               | PDs missing from configuration at boot                           | 1              |

| Event ID | Severity | Monitor Name   | Short Description  | PRO Tip Action |
|----------|----------|--|--|----------------|
| 10380    | WARNING  | Fujitsu PRIMERGY PRO RAID configuration problem        | VDs missing drives and will go offline at boot             | 1              |
| 10381    | WARNING  | Fujitsu PRIMERGY PRO RAID configuration problem        | VDs missing at boot  | 1              |
| 10382    | WARNING  | Fujitsu PRIMERGY PRO RAID configuration problem        | Previous configuration completely missing at boot          | 1              |
| 10388    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded       | Logical drive is partially degraded                        | 1              |
| 10398    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency error            | MDC finished with errors on logical drive                  | 1              |
| 10401    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded       | Logical drive disabled because SAS drives not supported    | 1              |
| 10402    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded       | Disks missing  | 1              |
| 10408    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem          | MDC failed on logical drive                                | 1              |
| 10412    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem | State change from operational to degraded                  | 1              |
| 10413    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem | State change from operational to partially degraded        | 1              |
| 10414    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk error   | State change from operational to failed                    | 2              |
| 10416    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem | State change from degraded to degraded                     | 1              |
| 10417    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem | State change from degraded to partially degraded           | 1              |
| 10418    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk error   | State change from degraded to failed                       | 2              |
| 10420    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem | State change from partially degraded to degraded           | 1              |
| 10421    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem | State change from partially degraded to partially degraded | 1              |
| 10422    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk error   | State change from partially degraded to failed             | 2              |
| 10426    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk error   | State change from failed to failed                         | 2              |
| 10451    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem | State change from available to failed                      | 1              |
| 10456    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem | State change from failed to failed                         | 1              |



| Event ID | Severity | Monitor Name   | Short Description  | PRO Tip Action |
|----------|----------|--|--|----------------|
| 10461    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem   | State change from hot spare to failed                              | 1              |
| 10466    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem   | State change from rebuilding to failed                             | 1              |
| 10471    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem   | State change from operational to failed                            | 1              |
| 10475    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem            | MDC detected uncorrectable multiple medium errors on logical drive | 1              |
| 10476    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Disk missing after reboot  | 1              |
| 10477    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Logical drive missing after reboot                                 | 1              |
| 10482    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem degraded          | Enclosure EMM not installed  | 1              |
| 10497    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem   | State change from hot spare to offline                             | 1              |
| 10498    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem   | State change from hot spare to offline                             | 1              |
| 10500    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem   | State change from offline to failed                                | 1              |
| 10505    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem   | State change from operational to offline                           | 1              |
| 10506    | WARNING  | Fujitsu PRIMERGY PRO RAID state change on disk problem   | State change from rebuilding to offline                            | 1              |
| 10508    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller cache degraded      | Data in cache not flushed during power up                          | 1              |
| 10512    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Logical drive error on disk media                                  | 1              |
| 10514    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem            | Consistency check finished with errors on logical drive            | 1              |
| 10515    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Error on logical drive detected                                    | 1              |
| 10517    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Transfer speed of physical disk changed.                           | 1              |
| 10518    | ERROR    | Fujitsu PRIMERGY PRO RAID communication to disk degraded | SAS port lost link   | 1              |
| 10522    | WARNING  | Fujitsu PRIMERGY PRO RAID Foreign configuration problem  | Global affinity hot spare commissioned in a different enclosure    | 1              |
| 10523    | WARNING  | Fujitsu PRIMERGY PRO RAID Foreign configuration problem  | Foreign configuration table overflow                               | 1              |

| Event ID | Severity | Monitor Name   | Short Description   | PRO Tip Action |
|----------|----------|--|---|----------------|
| 10524    | WARNING  | Fujitsu PRIMERGY PRO RAID Foreign configuration problem  | Partial foreign configuration imported                                | 1              |
| 10526    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller degraded            | Adapter missing after reboot  | 1              |
| 10528    | WARNING  | Fujitsu PRIMERGY PRO RAID rebuild problem                | Rebuild aborted on disk   | 1              |
| 10529    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem            | Consistency check finished with correctable errors on logical drive   | 1              |
| 10530    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem            | Consistency check finished with uncorrectable errors on logical drive | 1              |
| 10532    | ERROR    | Fujitsu PRIMERGY PRO RAID consistency problem            | MDC finished with uncorrectable errors on logical drive               | 1              |
| 10534    | WARNING  | Fujitsu PRIMERGY PRO RAID consistency problem            | Changed adapter property detected after reboot                        | 1              |
| 10536    | WARNING  | Fujitsu PRIMERGY PRO RAID communication to disk degraded | Command timeout on disk   | 1              |
| 10537    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Disk reset  | 1              |
| 10538    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Bad block table on logical drive is 80 percent full                   | 1              |
| 10539    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Bad block table on logical drive is full                              | 1              |
| 10540    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Uncorrectable medium error logged for logical drive                   | 1              |
| 10542    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Bad block table on disk is 100 percent full                           | 1              |
| 10543    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded I       | Bad block table on logical drive is 100 percent full                  | 1              |
| 10544    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller critical            | Adapter needs replacement, faulty IOP detected                        | 2              |
| 10551    | ERROR    | Fujitsu PRIMERGY PRO RAID copyback problem               | Copyback failed on disk   | 1              |
| 10552    | WARNING  | Fujitsu PRIMERGY PRO System miscellaneous problem        | Early power off warning was unsuccessful                              | 1              |
| 10565    | WARNING  | Fujitsu PRIMERGY PRO RAID communication to disk degraded | Redundant path broken   | 1              |
| 10567    | WARNING  | Fujitsu PRIMERGY PRO Storage Subsystem degraded          | Redundant enclosure removed   | 1              |
| 10570    | ERROR    | Fujitsu PRIMERGY PRO RAID copyback problem               | Copyback aborted on hot spare   | 1              |

| Event ID | Severity | Monitor Name                                      | Short Description  | PRO Tip Action |
|----------|----------|---|--|----------------|
| 10571    | WARNING  | Fujitsu PRIMERGY PRO RAID copyback problem        | Copyback aborted for rebuild                                   | 1              |
| 10575    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded  | Redundancy building failed on disk                             | 1              |
| 10576    | WARNING  | Fujitsu PRIMERGY PRO RAID logical drive degraded  | Redundancy building aborted on disk                            | 1              |
| 10588    | WARNING  | Fujitsu PRIMERGY PRO RAID Driver / FW problem     | Firmware update timeout on disk                                | 1              |
| 10589    | WARNING  | Fujitsu PRIMERGY PRO RAID Driver / FW problem     | Firmware update failed on disk                                 | 1              |
| 10601    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded        | Periodic BBU relearn is pending                                | 1              |
| 10606    | WARNING  | Fujitsu PRIMERGY PRO RAID security problem        | Disk security key, re-key operation failed                     | 1              |
| 10607    | WARNING  | Fujitsu PRIMERGY PRO RAID security problem        | Disk security key is invalid                                   | 1              |
| 10609    | WARNING  | Fujitsu PRIMERGY PRO RAID security problem        | Disk security key from escrow is invalid                       | 1              |
| 10616    | ERROR    | Fujitsu PRIMERGY PRO RAID security problem        | Security subsystem problems detected for disk                  | 1              |
| 10622    | WARNING  | Fujitsu PRIMERGY PRO RAID security problem        | Disk security key failure, cannot access secured configuration | 1              |
| 10623    | WARNING  | Fujitsu PRIMERGY PRO RAID security problem        | Disk security pass phrase from user is invalid                 | 1              |
| 10625    | WARNING  | Not supported                                     |  |                |
| 10627    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller degraded     | Internal hardware error during POST                            | 1              |
| 10630    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded | Disk failed due to bad block table overflow                    | 1              |
| 10631    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded | Disk failure detected during POST                              | 1              |
| 10632    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded | Failure detected during POST                                   | 1              |
| 10633    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded | Multiple failure on disk detected                              | 1              |
| 10635    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded | Disk failure detected by Patrol Read                           | 1              |
| 10636    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded | Disk failure detected after successfully building redundancy   | 1              |

| Event ID | Severity | Monitor Name   | Short Description   | PRO Tip Action |
|----------|----------|--|---|----------------|
| 10637    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Disk failure detected after aborting building redundancy                | 1              |
| 10638    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Disk failed   | 1              |
| 10639    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Disk failed   | 1              |
| 10658    | WARNING  | Not supported  |   |                |
| 10660    | WARNING  | Not supported  |   |                |
| 10661    | WARNING  | Not supported  |   |                |
| 10662    | ERROR    | Fujitsu PRIMERGY PRO RAID copyback problem               | Copyback on logical drive aborted due to bad block table overflow       | 1              |
| 10663    | ERROR    | Fujitsu PRIMERGY PRO RAID copyback problem               | Redundant copy on logical drive aborted due to bad block table overflow | 1              |
| 10667    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Bad block detected on disk  | 1              |
| 10672    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Error detected on disk  | 1              |
| 10675    | WARNING  | Not supported  |   |                |
| 10680    | WARNING  | Not supported  |   |                |
| 10682    | WARNING  | Fujitsu PRIMERGY PRO RAID copyback problem               | Copyback aborted on disk  | 1              |
| 10684    | WARNING  | Fujitsu PRIMERGY PRO RAID Controller critical            | Internal hardware error   | 2              |
| 10685    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller critical            | Internal hardware error   | 2              |
| 10686    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Disk bad block table overflow error                                     | 1              |
| 10687    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded               | Error with the remote BBU connector cable detected                      | 1              |
| 10688    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded        | Multiple failure on disk detected during POST                           | 1              |
| 10689    | ERROR    | Fujitsu PRIMERGY PRO RAID communication to disk degraded | Disk failed due to SAS/SATA interface error rate too high               | 1              |
| 10694    | ERROR    | Fujitsu PRIMERGY PRO RAID logical drive degraded         | Logical drive degraded due to bad block table overflow                  | 1              |

| Event ID | Severity | Monitor Name   | Short Description                                   | PRO Tip Action |
|----------|----------|--|---|----------------|
| 10695    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded          | Disk failed due to write error detection by driver  | 1              |
| 10696    | WARNING  | Fujitsu PRIMERGY PRO RAID consistency problem              | Abnormal capacity of disk in logical drive detected | 1              |
| 10697    | WARNING  | Fujitsu PRIMERGY PRO RAID consistency problem              | Illegal type of disk in logical drive detected      | 1              |
| 10700    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller critical              | Internal PCI hardware error                         | 2              |
| 10701    | WARNING  | Not supported  |   |                |
| 10702    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded          | Invalid disk on port during start up detected       | 1              |
| 10703    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive degraded          | Invalid disk on port during hot swap detected       | 1              |
| 10704    | WARNING  | Fujitsu PRIMERGY PRO RAID physical drive predicted failure | SMART error on disk                                 | 1              |
| 10705    | WARNING  | Not supported  |   |                |
| 10711    | ERROR    | Fujitsu PRIMERGY PRO RAID physical drive degraded          | Disk failed since it never entered ready state      | 1              |
| 10712    | WARNING  | Fujitsu PRIMERGY PRO RAID Driver / FW problem              | Internal software interface error                   | 1              |
| 10713    | WARNING  | Not supported  |   |                |
| 10714    | WARNING  | Not supported  |   |                |
| 10715    | WARNING  | Not supported  |   |                |
| 10716    | WARNING  | Not supported  |   |                |
| 10717    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem              | Firmware initialization failed                      | 1              |
| 10718    | ERROR    | Fujitsu PRIMERGY PRO RAID Driver / FW problem              | Firmware recovery failed                            | 1              |
| 10729    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded                 | BBU requires recalibration                          | 1              |
| 10732    | WARNING  | Not supported  |   |                |
| 10734    | ERROR    | Fujitsu PRIMERGY PRO RAID Task start problem               | Task for object cannot be started                   | 1              |

| Event ID | Severity | Monitor Name   | Short Description                                  | PRO Tip Action |
|----------|----------|--|--|----------------|
| 10736    | ERROR    | Fujitsu PRIMERGY PRO SAS Topology degraded                   | SAS topology error                                 | 1              |
| 10737    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded                   | BBU requires recalibration                         | 1              |
| 10738    | WARNING  | Not supported  |  |                |
| 10739    | WARNING  | Not supported  |  |                |
| 10755    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem       | State change from copyback to failed               | 1              |
| 10757    | WARNING  | Ignore   |  |                |
| 10763    | ERROR    | Fujitsu PRIMERGY PRO RAID state change on disk problem       | State change from JBOD to failed                   | 1              |
| 10765    | WARNING  | Not supported  |  |                |
| 10801    | WARNING  | Fujitsu PRIMERGY PRO RAID security problem                   | Disk security failed                               | 1              |
| 10803    | WARNING  | Not supported  |  |                |
| 10804    | ERROR    | Fujitsu PRIMERGY PRO RAID Controller critical                | Controller encountered a fatal error               | 2              |
| 10805    | ERROR    | Not supported e  |  |                |
| 10807    | WARNING  | Not supported  |  |                |
| 10808    | WARNING  | Not supported  |  |                |
| 10813    | WARNING  | Fujitsu PRIMERGY PRO Storage Subsystem Power Supply degraded | Enclosure power supply removed                     | 1              |
| 10814    | WARNING  | Fujitsu PRIMERGY PRO Storage Subsystem Power Supply degraded | Enclosure power supply turned off                  | 1              |
| 10817    | WARNING  | Not supported  |  |                |
| 10818    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem Temperature degraded  | Enclosure temperature sensor below error threshold | 1              |
| 10819    | WARNING  | Not supported  |  |                |
| 10820    | ERROR    | Fujitsu PRIMERGY PRO Storage Subsystem Temperature degraded  | Enclosure temperature sensor above error threshold | 1              |

| Event ID | Severity | Monitor Name                                  | Short Description                 | PRO Tip Action |
|----------|----------|---|-----------------------------------|----------------|
| 10822    | WARNING  | Not supported                                 |                                   |                |
| 10824    | WARNING  | Not supported                                 |                                   |                |
| 10826    | WARNING  | Not supported                                 |                                   |                |
| 10828    | WARNING  | Not supported                                 |                                   |                |
| 10829    | WARNING  | Not supported                                 |                                   |                |
| 10846    | WARNING  | Fujitsu PRIMERGY PRO RAID consistency problem | Consistency check rejected        | 1              |
| 10852    | WARNING  | Not supported                                 |                                   |                |
| 10853    | WARNING  | Not supported                                 |                                   |                |
| 10857    | WARNING  | Not supported                                 |                                   |                |
| 10858    | WARNING  | Fujitsu PRIMERGY PRO RAID BBU/FBU degraded    | BBU cannot support data retention | 1              |
| 10860    | WARNING  | Not supported                                 |                                   |                |
| 10864    | WARNING  | Fujitsu PRIMERGY PRO SAS Topology degraded    | Disk link failed in SAS wide port | 1              |
| 10867    | WARNING  | Not supported                                 |                                   |                |
| 10868    | WARNING  | Not supported                                 |                                   |                |
| 10870    | WARNING  | Not supported                                 |                                   |                |
| 10871    | WARNING  | Not supported                                 |                                   |                |
| 10873    | ERROR    | Not supported                                 |                                   |                |
| 10890    | ERROR    | Not supported                                 |                                   |                |
| 10895    | ERROR    | Not supported                                 |                                   |                |
| 10899    | WARNING  | Not supported                                 |                                   |                |

| <b>Event ID</b> | <b>Severity</b> | <b>Monitor Name</b>                              | <b>Short Description</b>  | <b>PRO Tip Action</b> |
|-----------------|-----------------|--|---|-----------------------|
| 10900           | WARNING         | Not supported                                    |   |                       |
| 10902           | WARNING         | Not supported                                    |   |                       |
| 10903           | ERROR           | Fujitsu PRIMERGY PRO RAID logical drive degraded | Logical drive access blocked as cached data in CacheCade is unavailable | 1                     |
| 10906           | ERROR           | Not supported                                    |   |                       |
| 10909           | WARNING         | Not supported                                    |   |                       |
| 10910           | WARNING         | Not supported                                    |   |                       |
| 10918           | WARNING         | Not supported                                    |   |                       |
| 10919           | WARNING         | Not supported                                    |   |                       |



## 6 NDIS Gigabit Driver Event Messages

**EventLog:** System

**Source Names:** "e1000", "e1express", "e1eexpress", "e1nexpress", "e1gexpress", "e1kexpress", "e1qexpress", "e1yexpress", "e1cexpress", "e1rexpress"

**PRO Tip actions of the SCVMM:**

- 1: The server is set in the Restricted Mode. In this mode new virtual machines cannot be placed on this server until the maintenance tasks have been finished.
- 2: Migrate all running virtual machines from the server to another healthy server immediately.
- 3: For this event no PRO Tip is recommended.

| Event ID | Severity | Monitor Name                           | Short Description                          | PRO Tip Action |
|----------|----------|--|--|----------------|
| 6        | ERROR    | Fujitsu PRIMERGY PRO GBit NIC degraded | Map Register allocation error              | 1              |
| 13       | WARNING  | Fujitsu PRIMERGY PRO GBit NIC degraded | Link error                                 | 1              |
| 29       | ERROR    | Fujitsu PRIMERGY PRO GBit NIC degraded | Gigabit network connection not started.    | 1              |
| 30       | WARNING  | Fujitsu PRIMERGY PRO GBit NIC degraded | Duplex Mismatch error                      | 1              |
| 8196     | ERROR    | Fujitsu PRIMERGY PRO GBit NIC degraded | No supported gigabit network found         | 1              |
| 8197     | ERROR    | Fujitsu PRIMERGY PRO GBit NIC degraded | Driver could not determine gigabit network | 1              |
| 8198     | ERROR    | Fujitsu PRIMERGY PRO GBit NIC degraded | Map Register allocation error              | 1              |
| 8205     | WARNING  | Fujitsu PRIMERGY PRO GBit NIC degraded | Link error                                 | 1              |

## 7 NDIS 10 Gigabit Driver Event Messages

**EventLog:** System

**Source Names:** "ixgb", "ixgbe", "ixgbn"

**PRO Tip actions of the SCVMM:**

- 1: The server is set in the Restricted Mode. In this mode new virtual machines cannot be placed on this server until the maintenance tasks have been finished.
- 2: Migrate all running virtual machines from the server to another healthy server immediately.
- 3: For this event no PRO Tip is recommended.

| Event ID | Severity | Monitor Name                             | Short Description             | PRO Tip Action |
|----------|----------|--|-------------------------------|----------------|
| 6        | ERROR    | Fujitsu PRIMERGY PRO 10GBit NIC degraded | Map Register allocation error | 1              |
| 30       | WARNING  | Fujitsu PRIMERGY PRO 10GBit NIC degraded | Duplex Mismatch error         | 1              |
| 34       | ERROR    | Fujitsu PRIMERGY PRO 10GBit NIC degraded | Memory allocation error       | 1              |

## 8 NDIS ANS Driver Event Messages

**EventLog:** System

**Source Names:** "iANSMiniport"

### **PRO Tip actions of the SCVMM:**

- 1: The server is set in the Restricted Mode. In this mode new virtual machines cannot be placed on this server until the maintenance tasks have been finished.
- 2: Migrate all running virtual machines from the server to another healthy server immediately.
- 3: For this event no PRO Tip is recommended.

| Event ID | Severity | Monitor Name                              | Short Description                         | PRO Tip Action |
|----------|----------|---|---|----------------|
| 11       | ERROR    | Fujitsu PRIMERGY PRO NIC Teaming degraded | Adapter link down                         | 1              |
| 13       | ERROR    | Fujitsu PRIMERGY PRO NIC Teaming degraded | Adapter deactivated                       | 1              |
| 16       | ERROR    | Fujitsu PRIMERGY PRO NIC Teaming degraded | Lost Link                                 | 1              |
| 22       | ERROR    | Fujitsu PRIMERGY PRO NIC Teaming degraded | Missing probes                            | 1              |
| 23       | ERROR    | Fujitsu PRIMERGY PRO NIC Teaming degraded | Virtual Adapter Not Initialized           | 1              |
| 25       | ERROR    | Fujitsu PRIMERGY PRO NIC Teaming degraded | No TCP CheckSum TaskOffLoad capabilities  | 1              |
| 26       | ERROR    | Fujitsu PRIMERGY PRO NIC Teaming degraded | No TCP LargeSend TaskOffLoad capabilities | 1              |