

The following list identifies known problems specific to IBM Director 4.21 support of the IBM eServer xSeries 366, Type 8863 server. These problems will be resolved in a future IBM Director release planned for late April 2005.

The required level of eServer xSeries 366, type 8863 server BMC firmware is version 1.04.

xSeries 366 Intelligent Platform Management Interface (IPMI) issues:

- Management Processor Assistant (MPA) Issues:
 - The Management Processor Assistant (MPA) task in IBM Director Console does not display some environmental sensors. If an out of band alert is generated for any of these sensors, the user will be unable to view that sensor in the MPA GUI. The missing sensors are:
 - Device Presence sensor for Rack DASDs 0 thru 5
 - Device Presence sensor for Rack Power Supply 1
 - CPU Mismatch sensors for CPU 1 thru 4
 - SAS BP R Detect sensor
 - Media Detect sensor
 - CPU PG Status sensor
 - PCI-X PG Status sensor
 - SEL Fullness sensor
 - SIO PG status sensor
 - MCK Memory Card, SIMM and Link sensors
 - VRD 1 Hot Sensor
 - Inv SP Config sensor
 - Inv R SAS BP Config sensor
 - IBM Director cannot differentiate the exact component for some alerts that are generated by the xSeries 366 server such as those alerts from fan and power supply events. This is because the sensor label is not available from the Baseboard Management Controller (BMC). This is a sporadic and intermittent problem.
 - In the system event logs for the BMC, IBM Director incorrectly maps log full events to MPA.Miscellaneous. Log full events should be mapped to MPA.Component.Service Processor.Log.
 - When the BMC on the xSeries 366 server restarts and disconnects from the MPA task in IBM Director Console, attempts to reconnect it through MPA (right-click -> Auto connect) fail with a Communication Error "Failed to establish connection: Unknown error". Reconnecting is again possible after a delay varying from 30 minutes to 3 hours.
 - The MPA task displays some sensors which are not supported on the xSeries 366.
 - The MPA task does not properly interpret several sensors including some power sensors, CPU Mismatch, LED Present, and SEL

Fullness. These sensors are not available in the MPA task and not reported through IBM Director events.

- System Health/Hardware Status Issues
 - The IPMI on the xSeries 366 should show four temperature sensors, one for each central processing unit (CPU). These should be monitored as temperature sensors 3,4,5 and 6. However, temperature is only displayed for the first CPU and not for the other three CPUs.
 - Enumeration and association of power supplies is incorrect. Therefore, IBM Director Console might identify more power supplies than actually exist in an xSeries 366 system. Also, IBM Director can receive false events and alerts for these non-existent power supplies.

xSeries 366 Remote Supervisor Adapter II issues:

- When disk drives 11 and 12 are removed from an xSeries 366 server, IBM Director incorrectly receives MPA.Unknown events when it should receive MPA.Component.DASD.Removed events.
- Various event codes which are new for the xSeries 366 server are not translated by IBM Director. Some new types of alerts are reported as MPA.unknown events with 32-bit hexadecimal.