Topic: **R2200 Has Delayed Start-Up when CMOS Battery is Replaced**
Component(s) Affected: **R2200 Blade**
Date: **October 24, 2006**

OVERVIEW / ENVIRONMENT

When the CMOS backup battery is replaced on an R2200 blade, the first start-up takes much longer than normal. This occurs only on the first start-up after changing the battery. After this start-up, behavior is normal.

DETAILED DESCRIPTION

When the CMOS backup battery is removed and replaced on an R2200 blade, the first start-up after the replacement takes much longer than normal. In addition, when the blade is reinserted into a powered-up chassis, it does not automatically power on. Instead, the system administrator must physically press the power button to turn the R2200 on. At that time, the R2200 uses the previously programmed power-on state to define its start-up sequence. If this state was set to **Last Saved State** or **Power Off**, the administrator needs to either press the power button to force the blade to turn on, or turn on the blade remotely using Sentral or Switch Manager, or by sending a Wake on LAN packet.

When the blade starts up, it enters Power-On Self-Test (POST) and hangs at POST code 60 (a memory initialization state) for slightly less than five minutes. This is a one-time event and is self-clearing. This issue occurs only on the first start-up after changing the battery. After this start-up, behavior is normal.

This issue applies only to R2200s with BIOS version 2.00 or earlier.

RESOLUTION

No workaround is available at this time. A correction in a future BIOS version is anticipated.

For more information, please contact ClearCube technical support.

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