

# **HS21 Installation and Update Procedures**

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## **HS21 BIOS Update Process**

- Download and burn the latest BIOS ISO
- Boot the blade from the burned CD-R and follow directions
- Alternately, use the remote media feature of the AMM

## **HS21 Diagnostics Update Process**

- Download the diagnostics floppy images
- Download the BIOS floppy image (CD doesn't seem to work for this)
- Boot the BIOS floppy
- Select diagnostics update
- Follow directions

## **HS21 SAS Controller Update Process**

- Download the SAS update image and create a floppy
- Boot the blade from floppy and follow directions
- Alternately, use the remote media feature

## **HS21 BMC (BASP) Update Process**

- Download the BMC floppy images and create floppies
- Boot the blade from the first floppy and follow directions
- Alternately, use the remote media feature
- Note: typically the HS21 does not add for the second BMC floppy

## **HS21 Windows 2003 Installation**

- Download the the latest SAS driver
- Format a floppy in Windows
- Copy the driver information to the floppy
- Attach USB floppy and insert floppy or use remote media for floppy image
- Boot the server using a Windows 2003 R2 CD (make sure CD is before floppy in the boot order, should be by default)
- When prompted, hit F6 to indicate you have other drivers
- Continue with Windows installation as normal
- After installation has completed, insert the ServerGuide 7.4.04 CD and update drivers for the Broadcom NICs and HBAs (if applicable)
  - Right-click "My Computer" and select Properties
  - Click on the "Hardware" tab
  - Click on the "Device Manager" button
  - Find those devices that are undefined (yellow question mark)
  - Right-click on the device and select "update driver"