

# EMC<sup>2</sup> E-Lab™ Quick Reference Guide



## Cisco Unified Computing System Support— July/August 2009

Unified Computing System (UCS) server solution consists of UCS 5108 chassis, B200-M1 blades, and UCS 6120 management switch

|                           | Supported  | Code Versions                 |
|---------------------------|--|-------------------------------|
| Operating system          | <i>Local and boot from SAN for all:</i> <ul style="list-style-type: none"> <li>• Windows 2003 x86/x64</li> <li>• Windows 2008 x64 (Core, Hyper-V)</li> <li>• VMware® ESX™ 3.5 U4</li> <li>• RH Linux 5.3</li> <li>• RH Linux 4.8</li> <li>• SuSE Linux 11</li> <li>• VMware ESX 4.0 (vSphere)</li> </ul> |                               |
| CNA mezzanine board       | QLogic (M71KR-Q)<br>Emulex (M71KR-E)   |                               |
| Multipath Software        | PowerPath® 5.2, 5.3<br>PowerPath 5.4 for VMware ESX 4.0<br>Native MPIO   |                               |
| Storage*                  | Symmetrix® DMX3/4 V-Max<br>CLARiiON® CX3/CX4   |                               |
| Storage Network           | Cisco MDS<br>Brocade (DCX and other NPIV-capable switch models)  |                               |
| Configuration scalability | Maximum of 5 UCS 5108 chassis, with up to 8 B200-M1 server blades each, connected to the UCS Springfield switches.   | UCS firmware revision 1.0(1e) |

\*Note: FCoE is supported from the Server to the 6120 switch. Fibre Channel is supported for Fibre Channel SAN connectivity. iSCSI is supported with Symmetrix and CLARiiON.

| CNA model        | Driver   | BIOS/Firmware                 |
|------------------|--|-------------------------------|
| QLogic (M71KR-Q) | <b>Windows 2003</b><br>STORPort 9.1.7.36<br><b>Windows 2008</b><br>STORPort 9.1.7.36<br>RHEL 4.8<br>8.02.09.02.04.08-d<br>RHEL 5.3<br>8.02.00.06.05.03-k<br>SLES 11<br>8.02.01.03.11.0-k9<br>ESX 3.5 U4<br>7.08-vm66 | BIOS 2.02                     |
| Emulex (M71KR-E) | <b>Windows 2003</b><br>STORPort 2.20.006<br><b>Windows 2008</b><br>STORPort 2.20.006<br>RHEL 4.8<br>8.0.16.46<br>RHEL 5.3<br>8.2.0.33.3p<br>SLES 11<br>8.2.8.14<br>ESX 3.5 U4<br>7.4.0.40                            | BIOS 2.11a2 / Firmware 2.80a4 |

For complete details, refer to the specific Host Connectivity Guides found at EMC PowerLink>Support>Technical Documentation and Advisories>Host Connectivity/HBAs>Installation/Configuration or check the EMC Support Matrix and/or E-Lab Navigator <http://www.EMC.com/products/interoperability/index.htm>