

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10DRS-2U/3U/4U</b>
<b>Release Version</b>	<b>3.1</b>
<b>Release Date</b>	<b>8/29/2018</b>
<b>Previous Version</b>	<b>2.1a</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 &amp; CVE-2018-3640) security issue.</b> <b>2. Changed BIOS revision to 3.1.</b> <b>3. Added support for IPMI IPV6.</b> <b>4. Removed unsupported memory frequency options from setup menu.</b> <b>5. Disabled Cloaking for Broadwell E5-2687W V4 CPU (W: workstation SKU).</b> <b>6. Updated Broadwell-EP RC 4.4.0 release.</b> <b>7. Implemented anti-rollback for FDT Read-Only.</b> <b>8. Modified SecureFlash to support debug sign that adheres to HSM.</b>
<b>New features</b>	<b>N/A</b>

Fixes	<ol style="list-style-type: none"> <li>1. Fixed problem of Afu /O command clearing SMC SMBIOS region (\$SMC).</li> <li>2. Fixed problem of SUM OOB GetSataInfo always showing "Configuration Type" as "AHCI" when setting "Configure SATA as" to "RAID" or "IDE".</li> <li>3. Fixed inability to enter setup menu by pressing "DEL" key if Re-try Boot feature is enabled and there are no boot devices.</li> <li>4. Fixed failure of UEFI OS to boot or install when disabling BMC by motherboard jumper "JPB1" or by setting "BMC Support" to Disabled via BIOS setup.</li> <li>5. Set Descriptor Region of BIOS Region Write Access to "No".</li> <li>6. Fixed the issue of UEFI Boot option becoming "Disabled" if HDD is re-plugged in with UEFI Windows on its native installation environment.</li> <li>7. Fixed problem of BIOS always retrying boot when Re-Try Boot is Disabled.</li> </ol>
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