

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10DRW-E/N(T)</b>
<b>Release Version</b>	<b>3.1</b>
<b>Release Date</b>	<b>6/7/2018</b>
<b>Previous Version</b>	<b>3.0a</b>
<b>Update Category</b>	<b>Critical</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 version to 3.1.</b> <b>3. Updated Broadwell-EP RC 4.4.0 release.</b> <b>4. Added support for IPMI IPV6.</b> <b>5. Removed unsupported memory frequency options from setup menu.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>1. Fixed problem of Afu /O command clearing SMC SMBIOS region (\$SMC).</b>

	<p><b>2. Fixed problem of SUM OOB GetSataInfo always showing "Configuration Type" as "AHCI" when setting "Configure SATA as" to "RAID" or "IDE".</b></p> <p><b>3. Fixed failure of SMBIOS to change to default even if preserve SMBIOS setup item is set to disabled during recovery.</b></p> <p><b>4. Set Descriptor Region of BIOS Region Write Access to "No".</b></p>
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***Release Notes from Previous Release(s)***

***3.0a (04/16/2018)***

- 1. Implemented enhancement to address 'Spectre' variant 2 (CVE 2017-5715) security patch issue.*
- 2. Updated SATA RAID OPRM/EFI driver to RSTe PreOS v4.7.0.1014.*
- 3. Updated Intel Server Platform Services 3.1.3.50 for Grantley Refresh Platforms.*
- 4. Removed support for using Ctrl+home to trigger recovery.*
- 5. Changed BIOS revision to 3.0a.*
- 6. Changed Memory correctable threshold to 100 and enabled Cloaking for Broadwell CPU E5-26xx SKU.*
- 7. Patched workaround for QPI error.*