

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10DRU-X</b>
<b>Release Version</b>	<b>3.1a</b>
<b>Release Date</b>	<b>10/04/2018</b>
<b>Previous Version</b>	<b>3.1</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>N/A</b>
<b>Important Notes</b>	<b>N/A</b>
<b>Enhancements</b>	<b>1. Displayed Memory Correctable Error Threshold for production cburn test.</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<b>N/A</b>

*Release Notes from Previous Release(s)*

**3.1 (6/19/2018)**

1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.
2. Updated Broadwell-EP RC 4.4.0 release.