# IPMI Firmware / BIOS Release Notes Form

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| **Product Name** | **X11SSV-M4F** |
| **Release Version** | **1.45** |
| **Release Date** | **2/6/2018** |
| **Previous Version** | **1.29** |
| **Update Category** | **Recommended** |
| **Dependencies** | **None** |
| **Important Notes** | **None** |
| **Enhancements** | **1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.**<br>**2. Renamed Redfish APIs as follows: from /redfish/v1/UpdateService/SSL to /redfish/v1/UpdateService/SSLCert, and from /redfish/v1/UpdateService/SSL/Actions/SSL.Upload to /redfish/v1/UpdateService/SSLCert/Actions/SSLCert.Upload.**<br>**3. Changed the license requirement of WebGUI syslog from DCMS to OOB.**<br>**4. Fixed security vulnerability with NTP mode 6 scanner.** |
| **New features** | **1. Added 204 and 405 http status code support for Redfish API so that 204 http status code responds to APIs that support PATCH and 405 http status code responds to APIs that do not support PATCH.**<br>**2. Nested ICANN domain in "OEM" part if there is data to show.**<br>**3. Added Redfish support for new APIs.**<br>**4. Added support for SEL circular buffer.** |
| **Fixes** | **1. Fixed failure of Redfish automation test.**<br>**2. Fixed problem of system showing that IPMI execution exception occurred while executing SUM test.** |

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| | 3. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.<br><br>4. Fixed problem of BMC not logging "Thermal Trip" event when CPU overheats before system shutdown.<br><br>5. Fixed problem with logging in on web page.<br><br>6. Fixed inability of DCMS mods to enable Syslog function and ability to read Syslog without OOB key.<br><br>7. Fixed problem of some digit keys not working when French keyboard layout is selected. |