

# IPMI Firmware Release Notes

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<b>Product Name</b>	<b>X11SCW-F</b>
<b>Release Version</b>	<b>3.76.01</b>
<b>Release Date</b>	<b>10/30/2019</b>
<b>Previous Version</b>	<b>3.68</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Blocked iKVM virtual storage if VM port is disabled.</li><li>2. Updated system troubleshooting script to read PCH Register Data.</li><li>3. Provided more information for Processor Configuration Error.</li><li>4. Set IERR event and troubleshooting to enabled by default.</li><li>5. Modified boot option to adhere to Redfish description.</li><li>6. Fine tuned the VPP sensor threshold.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Added support for Redfish SecureBoot feature.</li><li>2. Added account lockout feature to temporary disable user if condition is met.</li><li>3. Defined common format to add Health and Maintenance events to syslog server.</li><li>4. Added display of all IPv4/IPv6 addresses on the sys_info page.</li><li>5. Added IPv6 Static Router.</li><li>6. Added support for Redfish simple update action.</li></ol>

	<p>7. Set IPv6 to disabled by default.</p> <p>8. Added KCM privileges.</p> <p>9. Added support for unique pre-programmed default password, form 299-00-190617-001.</p>
Fixes	<p>1. Fixed failure to update BIOS by Redfish simple update action.</p> <p>2. Set VM port 623 to close after disabling VM service.</p> <p>3. Added VM Security patch.</p> <p>4. Fixed enable/disable for Launch KVM button.</p> <p>5. Fixed problem of BMC continuously rebooting if the dedicated LAN disconnects while dedicated mode is selected.</p> <p>6. Fixed failure to mount CD-ROM image.</p> <p>7. Fixed problem of setting ServiceEnable of IPAccessControl via Redfish returning HTTP status code 302.</p> <p>8. Corrected reading of Peripheral Temperature as 127 degrees and added Inlet Temperature sensor.</p> <p>9. Fixed failure of BMC to support clearing the recv irq bit, compensating.</p> <p>10. Fixed Web session timing out when logging into BMC with AD/BMC account.</p> <p>11. Fixed failure of IPMI to create a new event when attempting to log in using incorrect credentials.</p> <p>12. Fixed issue with display of long AD domain name.</p> <p>13. Fixed failure to change TPM state by IPMI raw command.</p> <p>14. Fixed failure of SMSTC test with SMCIPMITool.</p> <p>15. Fixed problem of too many IERR event logs generating when IERR is triggered.</p> <p>16. Fixed failure of Redfish with 03.75.01.</p> <p>17. Fixed failure of SUM test with IPMI 3.75.</p> <p>18. Fixed problem of redfish/v1/Managers/1/VM1/CfgCD showing password plain text.</p>

	<p><b>19. Fixed failure to mount VM images after changing VM port over 4 times during Web virtual media mount.</b></p> <p><b>20. Corrected response of setting via in-band interface after setting SMTP sender email.</b></p> <p><b>21. Fixed malfunction of Watchdog setting the pre-timeout NMI interruption after counting down to pre-timeout interval.</b></p> <p><b>22. Fixed problem of Web BMC alert email limiting the number of words.</b></p> <p><b>23. Followed Ultra system to adjust Health event log severity.</b></p> <p><b>24. Fixed problem of Syslog recording a message every 2 minutes.</b></p> <p><b>25. Fixed inability to launch JavaKVM through SMCIPMITool.</b></p> <p><b>26. Fixed failure of 2 SUM ATT test cases.</b></p> <p><b>27. Corrected behavior after updating BIOS through IPMI WebUI.</b></p> <p><b>28. Fixed problem of Redfish returning 500 if request body is empty.</b></p>
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