# BMC Firmware Release Notes Form

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| **Product Name** | **X12DPFR-AN6** |
| **Release Version** | **01.05.20** |
| **Build Date** | **3/14/2025** |
| **Previous Version** | **01.03.09** |
| **Update Category** | **Recommended** |
| **Dependencies** | **None** |
| **Important Notes** | **None** |
| **Enhancements** | 1. **WEB — Should not save invalid email format address (at SMTP and Alert pages).**<br>2. **Upgraded OpenSSH from 9.3p2 to 9.8p1.** |
| **New features** | **None** |
| **Fixes** | 1. **Fixed CVE-2023-4879 Terrapin Attack.**<br>2. **(CVE-2023-48795) SMC-2024010013 Terrapin Attack vulnerability SMC-2024010010 Command Injection attack SMC-2024010011 XSS attack.**<br>3. **(CVE-2023-33413) SMC-2024010012 Command Injection attack.**<br>4. **Followed all properties, and structures in the Wiki (https://wiki.supermicro.com/index.php/NS_SWPM:SW_PM/RedfishAPIList/X12).**<br>5. **Supported Multinode URI https://wiki.supermicro.com/index.php/NS_SWPM_DesignDetails:NS_SWPM_DesignDetails/Redfish#Multi-node_Redfish_Naming_Rule.** |

6. Auto daylight saving function.

7. BMC fwUP between 01.04 and 01.03 introduced "Compromised" MEL message.

8. WebUI — TC4017- Fixed IPMI IP will be replaced or lost.
   CombinedECO SAA- TC0005 — Connection through dedicated LAN with static IP.
   CombinedECO SAA- TC0007 - Connection through on-board LAN1 with static IP.

9. Multi NodeB/C/D showed "System Temperature," but NodeA does not.
   Multi Node does not show "CPU Temperature," which does not match with Web UI SPEC.

10. Special characters in the SMTP Server's Address field will give a full screen error instead of the expected "Invalid email address format" small tooltip.
    An ampersand and before the @ in the SMTP Sender's Address field will give an unexpected full-screen type error, instead of the expected "Illegal email address format" tooltip.
    An ampersand & before the @ in the SMTP Sender's Address field will give an unusual error. (Repeat of #182706)
    WEB — Should have error tips if you cannot save invalid email format address (at SMTP and Alert pages).
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    [Redfish] PATCH EventService SMTP with valid FromAddress will return 400.
    [Each Field] SMTP Sender Address Review for special character support.

11. Fixed unexpected "The path of Process SSHD is not correct" MEL message. Updated tee.bin to 0000.00.32.

12. The power consumption is "0."

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| | 13. ADMIN username still appeared with two spaces in the SMCIPMITool MEL.<br><br>14. [WEB] "Auto Reset System" option disappeared when logged in with User permission.<br><br>15. [GUI] — Virtual Media help page description was inconsistent with UI Spec definition.<br><br>16. [GUI] — Fan help page description was inconsistent with UI Spec.<br><br>17. Combined ECO automation test failed: TC#1039. (Possible related: IPMI, Others: HW)<br><br>18. Stage BIOS fwUP with preserve_setting option, should Preserve BIOS setting.<br><br>19. [WEB] — The description of [MEL-0258] does not follow the SPEC when mounting with a nonexistent file. |