Management tools overview

Web GUI and CLI tools

HS350X V3 management tools overview

GUI

The HS350X V3 uses the Aspeed AST2600 BMC as a baseboard system manager.
 The AST2600 provides IPMI and hardware monitoring, and it uses the AMI
 MegaRAC SP-X as its web GUI.

CLI

 The HS350X V3 does not support XClarity Essentials OneCLI and instead uses the PMU CLI.



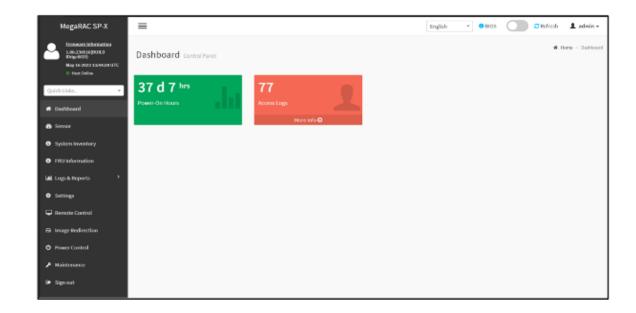
BMC web GUI

How to access and use the HS350X V3 BMC GUI

BMC web GUI functions overview

The HS350X V3 BMC web GUI functions include:

- System inventory information
- System health monitoring
- Firmware updates
- BMC configuration
- Remote control
- Watchdog and alert capabilities
- System event log collection
- User account management
- System power control

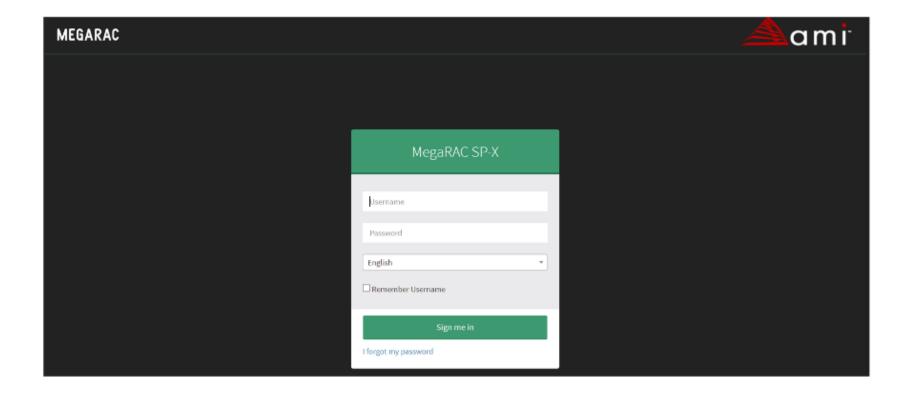


Note: Features on Demand (FoD) keys do not need to be installed to support remote control or any other features.



Access to the HS350X V3 web GUI

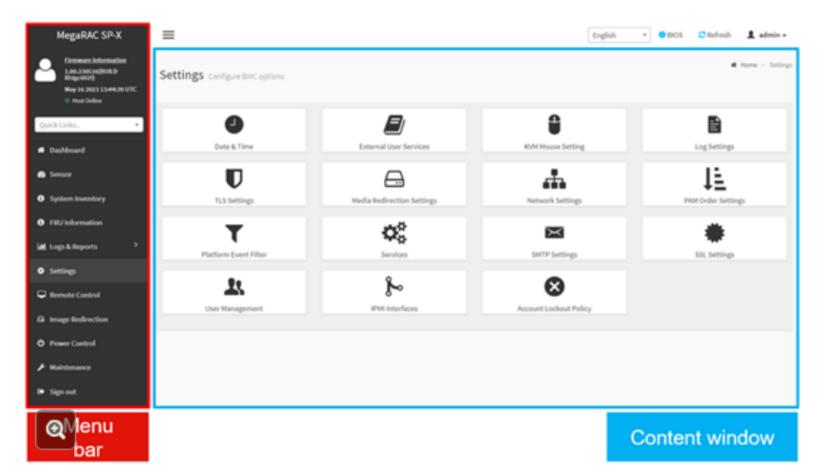
The HS350X V3 BMC GUI has no default IP address. By default, the BMC searches the DHCP server on the network to get an assigned IP address. Users can go to the BIOS setup utility to manually set up the BMC network setting. Click HERE to see a screenshot. The default BMC GUI username and password are admin / admin.





BMC GUI interface - overview

The BMC GUI is divided into two sections: the left menu bar and the content window. The menu bar sets out the actions users can perform, and the content window displays the corresponding information.



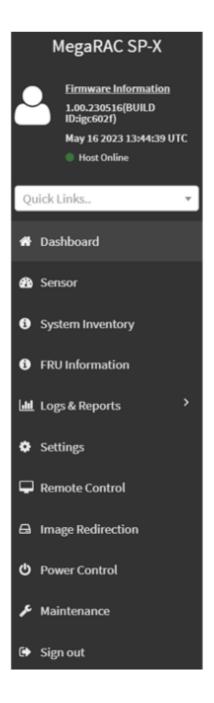


Menu bar

The following items are listed in the BMC GUI menu bar:

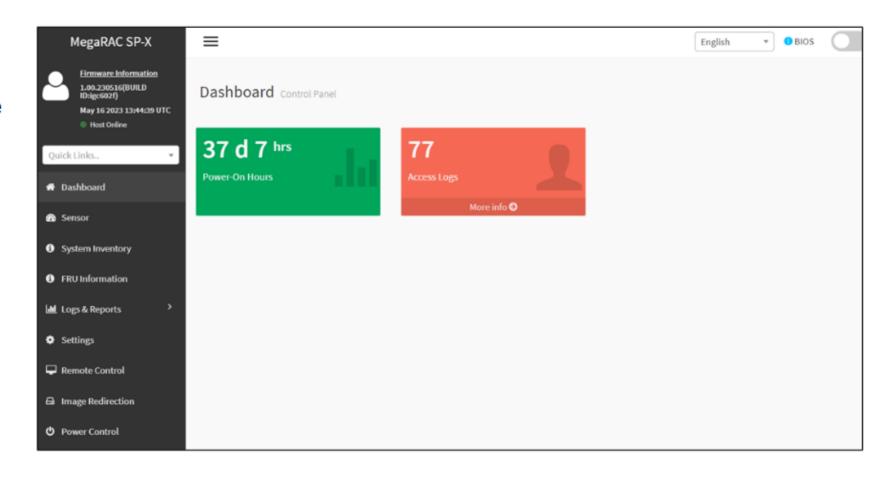
- Firmware Information: Displays the latest firmware version and the current date and time
- Host Online: Displays the power control status to change the power control status, click the Host
 Online link
- Dashboard: Displays system power-on hours and access log information
- Sensor: Displays system senor status
- FRU information: Lists the hardware used in the system
- Logs & Reports: Provides logs and reports about the device, including:
 - The IPMI Event Log
 - The System Log
 - The Audit Log
- Settings: Allows users to access various configuration settings, such as system firewall, networking settings, and SSL settings
- Remote Control: Enables users to launch the H5Viewer or JViewer, and to activate SOL
- Image Redirection: Supports the configuration of images into the BMC for redirection
- Power Control: Allows users to view and control device power settings
- Maintenance: Provides available maintenance tasks for the device
- Sign out: Logs users out of the BMC GUI

Note: Features on Demand (FoD) keys do not need to be installed to support remote control or any other features.



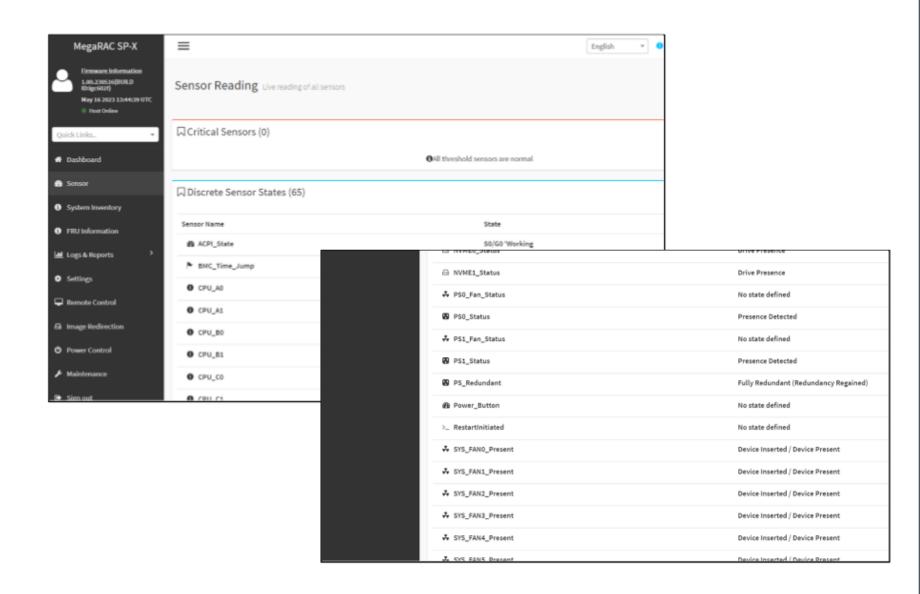
Dashboard

Dashboard is the BMC GUI homepage. It shows the system power on time and includes an Access Logs (audit log) button.



Sensor

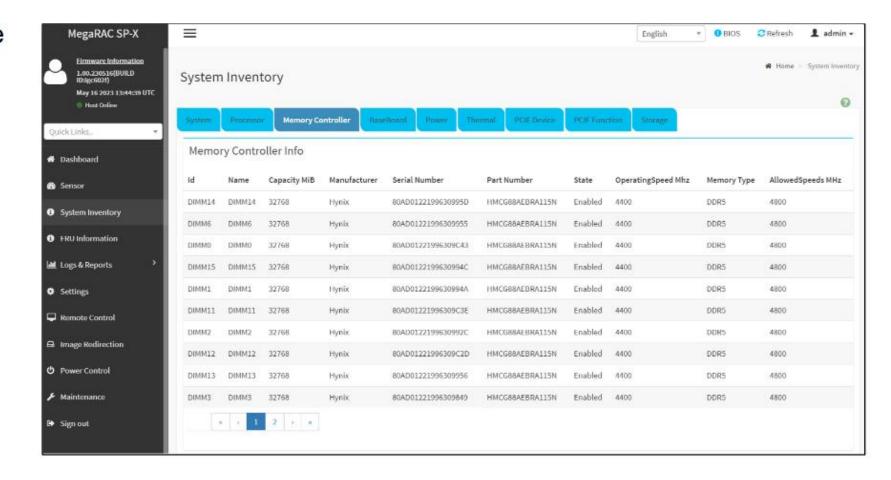
The Sensor page displays the state of all the sensors in the system. This includes CPU sensors, drive sensors, PSU sensors, and fan sensors.





System Inventory

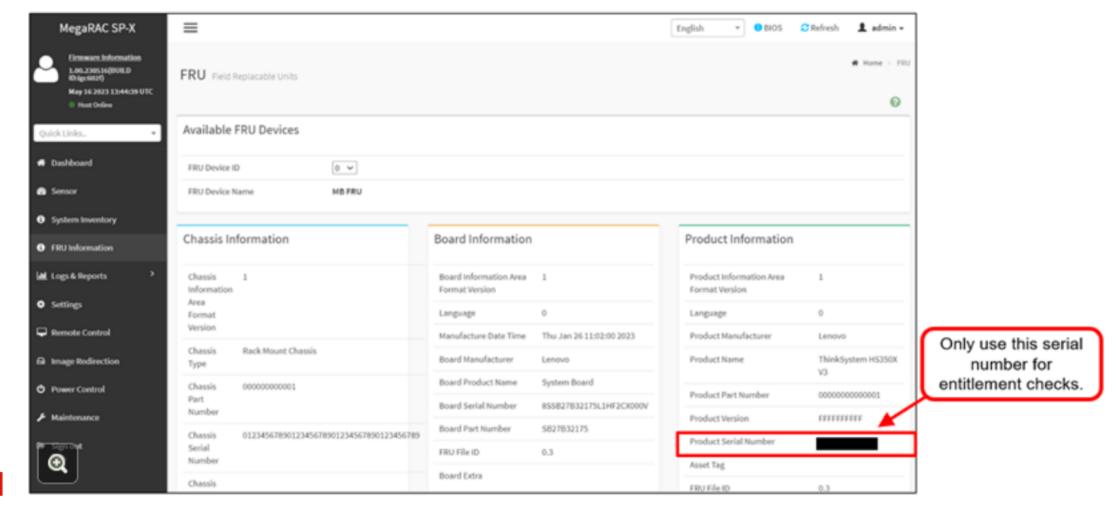
The System Inventory page shows system hardware inventory information and detailed information about active DIMMs, PCIe slots, CPUs, and other components.





FRU Information

The FRU Information page shows system name and serial number information. The HS350X V3 serial number is displayed in the **Product Information** section. The serial numbers in the **Chassis Information** and **Board Information** areas are not related to system entitlement checks.





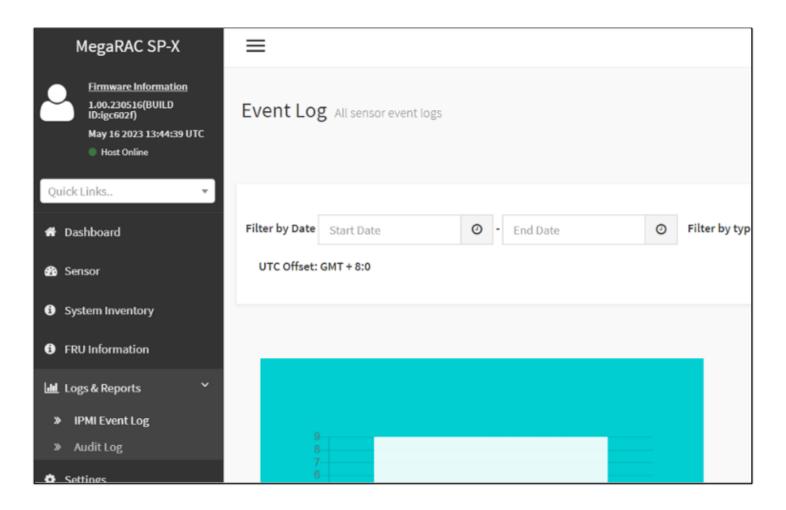
Logs & Reports

The Logs & Reports page has two sections:

IPMI Event Log

Audit Log

Click the items to see more information.





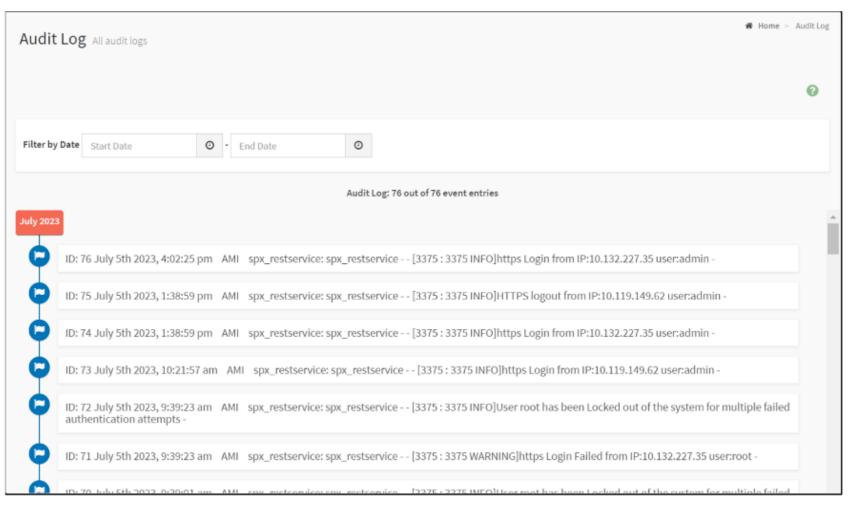
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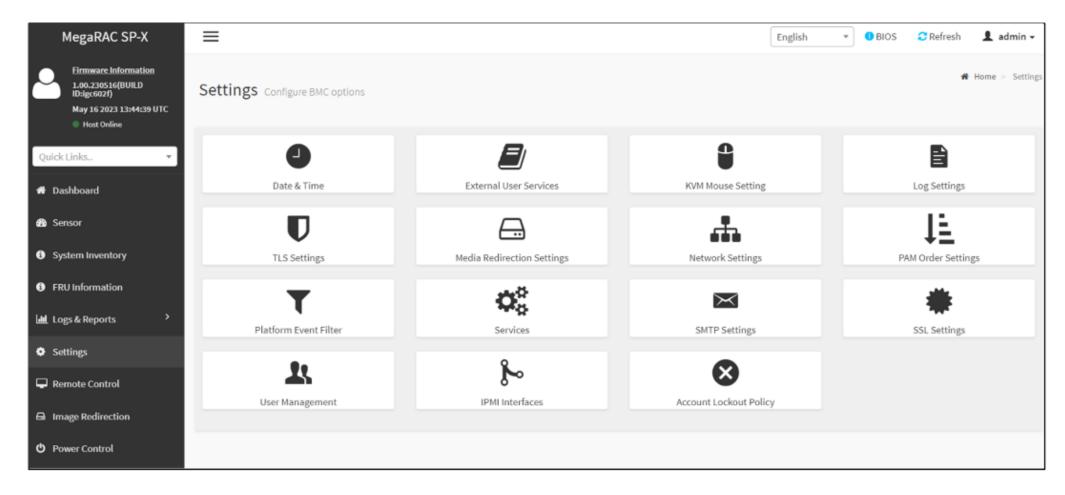


The Audit Log page displays all the device's audit events.



Settings

On the Settings page, users can access various configuration settings. Refer to the HS350X V3 BMC user guide on support.lenovo.com for details of each setting option.





Remote Control

On the Remote Control page, users can choose between three remote control options:

- H5Viewer
- JViewer
- Serial Over LAN

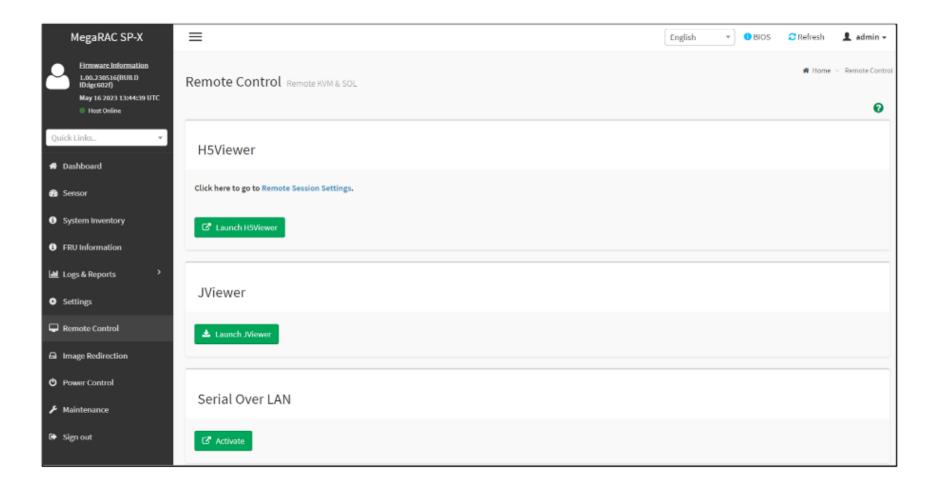


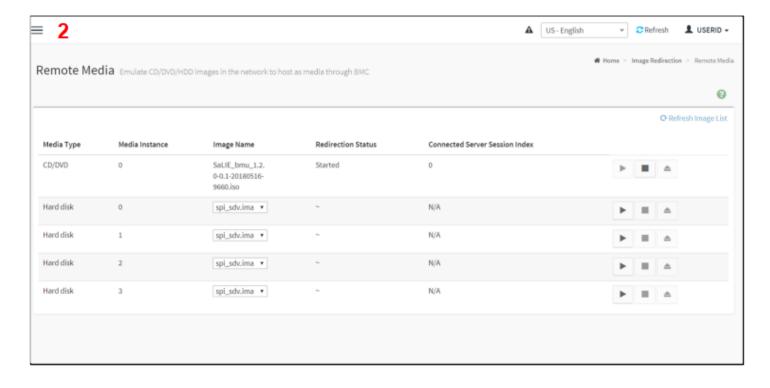


Image Redirection

The Image Redirection page is used to configure images into the BMC for redirection. This can be done by mounting the images from the remote system.

Note: To acquire source media, select VMedia Instance Settings from the Settings → Media Redirection menu. Click HERE to see more information.

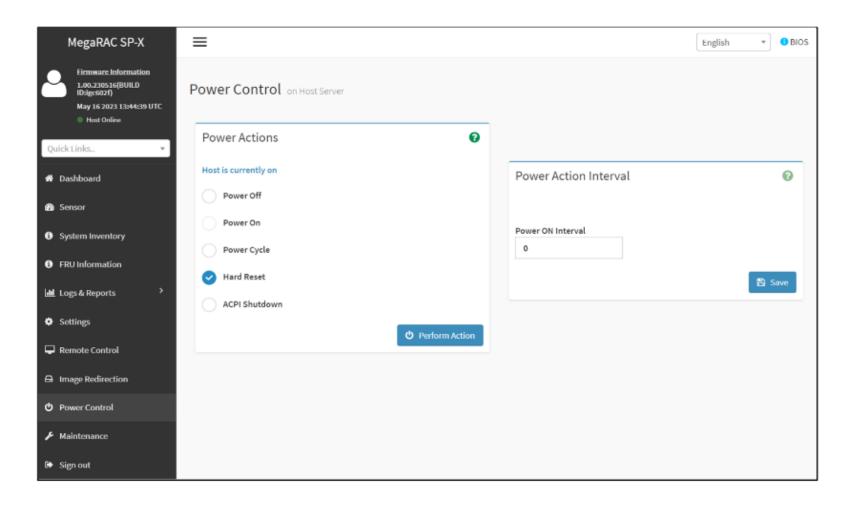






Power Control

The Power Control page shows the various system power action options.



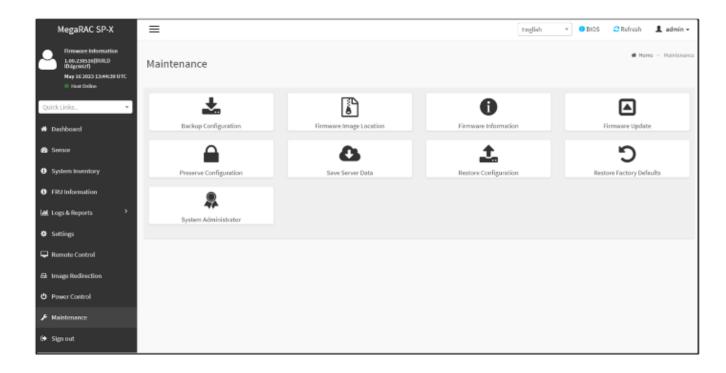


Maintenance

The Maintenance page allows users to perform device maintenance tasks such as backing up or restoring BMC configuration, updating firmware, and collecting service data for problem escalation.

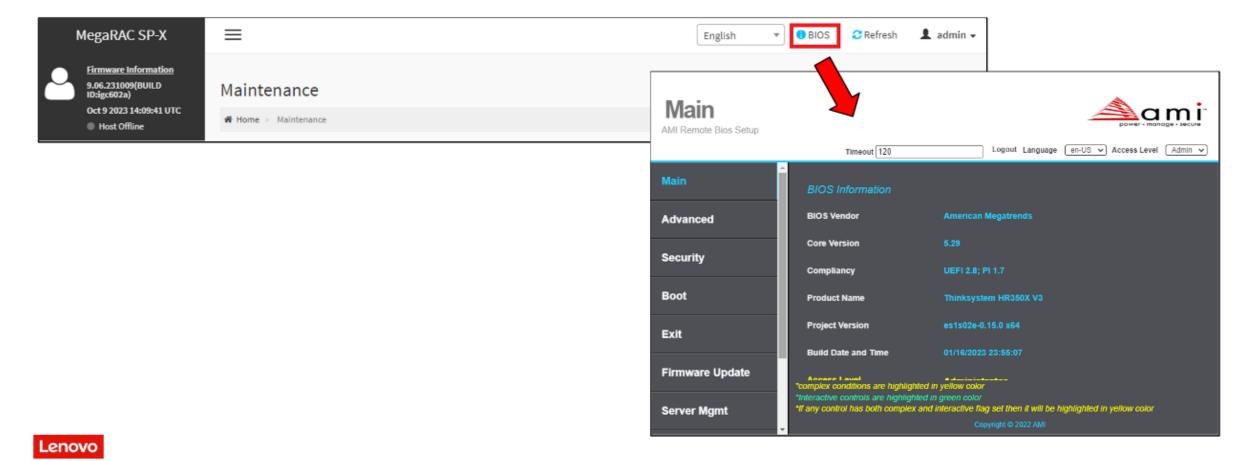
Click the following links to see maintenance action screenshots:

- Backup / Restore Configuration
- Firmware Update
- Save Server Data



Embedded BIOS

The BMC GUI supports the embedded BIOS feature. Click **BIOS** in the top right corner of the screen to open the BIOS screen. This button only works when the system is powered on. After changing BIOS settings in the GUI, you will need to restart the system for the changes to take effect.



Reference

For more information about the BMC GUI, refer to the simulator on the course landing page, or the user guide on support.lenovo.com.

