

Intel[®] Server Board M10JNP2SB

BMC Web Console user guide

A reference manual for access and configuration of the BMC Web Console.

Rev 1.1 November 2019



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Document Revision History

Date	Revision	Changes
October 2019	1.0	First Release.
November 2019	1.1	Deleted sections: - 3.10 Chassis Identify - 3.11 Set Front Panel Enables. Added note on section 3.9 Power Control

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1. Introduction

This user guide describes the Integrated Baseboard Management Controller (Integrated BMC) web console and its related graphical user interface (GUI) for the Intel[®] M10JNP2SB Server Board. It provides an overview of the features of the GUI along with instructions on how to configure the BMC for use.

1.1 Support Information

For additional support, visit <u>https://www.intel.com/content/www/us/en/support.html</u>. This support page provides the following:

- Latest BIOS, firmware, drivers and utilities.
- Product documentation, installation guides, and quick start guides.
- Full product specifications, technical advisories, and errata.
- Compatibility documentation for memory, hardware add-in cards, chassis support matrices, and operating systems.
- Server and chassis accessory parts list for ordering upgrades and spare parts.
- Searchable knowledgebase of product information.

For further assistance, contact Intel customer support at <u>http://www.intel.com/support/feedback.htm</u>.

1.2 Warranty Information

To obtain warranty information, visit https://www.intel.com/content/www/us/en/support/articles/000006361/services.html

2. Integrated BMC Overview

The Integrated BMC web console provides both stability and permanent availability independent of the present state of the server's operating system. The Integrated BMC web console can be used as a tool to gain location-independent remote access to respond to critical incidents and to undertake necessary maintenance.

2.1 BMC Features Overview

The Integrated BMC provides several management features that enable support for the following:

- Control system functions: power system, ACPI, system reset control, system initialization, front panel control, and the system event log.
- Monitor various board and system sensors and regulate platform thermals and performance to maintain (when possible) server functionality in the event of component failure and/or environmentally stressed conditions.
- Monitor and report system health.

The Integrated BMC supports the following features:

- Sensor monitoring
- In-Circuit BMC firmware update
- Chassis intrusion detection
- FRU information
- Logging and reporting
- Remote control
- Image redirection
- Power control
- Chassis identify
- Front panel control
- Configuration backup
- External user services
- Platform event filtering
- SMTP messaging
- Video recording
- User management
- Embedded firewall

Note: The Integrated BMC firmware is fully compliant with the IPMI 2.0 specification.

3. Integrated BMC Web Console Options

3.1 Integrated BMC Web Console Overview

The Integrated BMC includes a generic, user-friendly Graphics User Interface (GUI) for the web console. The GUI is accessible via a standard Internet browser for ease of use.

3.1.1 Accessing the BMC Web Console

Initial access of the BMC web console GUI prompts the entering of a user name and a password. Figure 1 shows the authentication dialog.



Figure 1. Login screen prompt

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3.1.2 Main Menu Overview

The Integrated BMC web console consists of various menu items containing submenus and options. The following sections detail the different options of each submenu.

3.1.2.1 Menu Bar

The menu bar displays the following:

- Dashboard
- Sensor
- System Inventory
- FRU Information
- Logs & Reports
- Settings
- Remote Control
- Image Redirection
- Power Control
- Chassis Identify
- Set Front Panel Enables
- Maintenance
- Sign Out



Figure 2. Menu bar

3.1.3 Quick Buttons and User Permissions

The user information and quick buttons are located at the top right of the MegaRAC* GUI. Figure 3 shows a screenshot of the logged-in user information.



Figure 3. Logged in user information

Table 1 shows the logged-in user, privilege level, and the four quick buttons allowing the user to perform other functions.

User	Result			
Operator	All BMC commands are allowed except for the configuration commands that can change the behavior of the out of hand interfaces.			
Administrator	All BMC commands are allowed.			
No Access	Login access denied.			
	Notification: Select the icon to view the notification messages.			
A	Warning: Select the icon to view the warning messages.			
O Sync	Sync: Select the icon to synchronize with Latest Sensor and Event Log updates.			
C Refresh	Refresh: Select the icon to reload the current page.			
A OSync CRefresh I root - root - Administrator Profile	root - Administrator Sign out: Select the Sign out icon to log out of the MegaRAC GUI. Profile: Select the icon to enter the User Management Configuration dialog box.			

Table 1. User permissions

0			
Username			
root			
Change Password			
Password Size			
16 bytes			
Password			
Confirm Password			
Enable User Access Network Privilege			
Administrator			
Serial Privilege			
None			
Email Format			
AMI-Format			
Email ID			
Existing SSH Key			
Not Available			

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Figure 4. User management configuration menu

3.2 Dashboard

The Dashboard page provides general information concerning the status of the server board. To access the Dashboard page, select **Dashboard** from the menu bar.

≡		\geq	₽	🚺 BIOS	🗘 Sync	🔁 Refresh	💄 User 🗸
Dashboard ca	ontrol Panel					🖨 Hon	ne > Dashboard
Device informa	tion						
Device Power Status : Firmware Version : Firmware Build Time :	on S5550 R0.03 Aug 26 2019 06:38:23 UTC						
System Informa	ation						
BIOS Version : BIOS Build Time :	V7.204 Aug 30 2019 11:46:09						
Network Inform	nation (Edit)						
MAC Address : V4 Network Mode : IPv4 Address V6 Network Mode : IPv6 Address							

Figure 5. Dashboard page

3.3 Sensors

The Sensor Reading page provides all sensor related information. To access the Sensor Reading page, select **Sensor** from the menu bar. Click on a record to display more information about that particular sensor, including thresholds and a graphical representation of all associated events.



Figure 6. Sensor reading page

3.4 System Inventory

The System Inventory page displays information about the Processor, Memory (DIMMs) and PCIe* devices that are installed on the system, including the vendor name, model, and software version. To access the System Inventory page, select **System Inventory** from the menu bar.

≡		⊠ A	🚺 B	IOS 🗘 Sync	🔁 Refresh 🛛 💄 User 🗸
System Inventory Info	ormation		🎢 Home	e > System Inventory >	System Inventory Information
CPU Information (1)					
CPU Index Device Present	Brand Name			Core Coun	t Max Frequency
0 Yes	Intel(R) Xeon(R) E-	-2236 CPU @	3.40GH	z 6	3400MHz
DIMM Information (4)					
DIMM Slot Device Pre	sent Frequency	Size	Туре	Manufacturer Nam	e Part Number
P0_MC0_DIM_CH_A0 Yes	2666MHz	32768MB	DDR4	Samsung	M378A4G43MB1-CTD
P0_MC0_DIM_CH_A1 Yes	2666MHz	32768MB	DDR4	Samsung	M378A4G43MB1-CTD
P0_MC0_DIM_CH_B0 Yes	2666MHz	32768MB	DDR4	Samsung	M378A4G43MB1-CTD
P0_MC0_DIM_CH_B1 Yes	2666MHz	32768MB	DDR4	Samsung	M378A4G43MB1-CTD
□ PCI Device Information	(3)				

Figure 7. System inventory page

3.5 Field Replaceable Unit (FRU) Information

The Field Replaceable Unit (FRU) Information page displays information from the FRU repository of the server board. The information provided on this page includes basic information, chassis information, board information and product information of the FRU device. To access the FRU Information page, select **FRU Information** from the menu bar. Select a FRU Device ID from the Basic Information section to view the details of the selected device.

FRU Field Replacable Units			👫 Home >	FRU
			(0
Available FRU Devices				
FRU Device ID 0 •				
FRU Device Name Baseboard F	RU			
Chassis Information	Board Infor	mation	Product Information	
Chassis Information Area 0 Format Version	Board Information	1	Product Information Area Format Version	0
Chassis Type	Version		Language	0
Chassis Part Number	Language	0	Product Manufacturer	
Chassis Serial Number	Manufacture	Tue Aug 6	Product Name	
Chassis Extra	Date Time	10:53:00 2019	Product Part Number	
	Board	TYAN		

Figure 8. FRU information page

3.6 Logs & Reports

The Logs & Reports page contains both the IPMI Event Log and the Video Log. To access the Logs & Reports page, select **Logs & Reports** from the menu bar. Select **IPMI Event Log,** or **Video Log** to view the contents.



Figure 9. Logs and reports submenu

 \equiv 🜖 BIOS 🗢 Sync 📿 Refresh 💄 User 🗸 \sim A # Home > Event Log Event Log All sensor event logs 8 Filter by Date Start Date 0 O - End Date Filter by type All Events All Sensors • UTC Offset: 📥 Download Event 🛍 Clear Event Lo GMT - 6:0

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Figure 10. IPMI event log page

Event Log: 0 out of 0 event entries

≡		Sync 🗘	C Refresh	👤 root 🗸
Video Log All video event logs			倄 Hom	e > Video Log
				0
Filter by Date Start Date O End Date	Ø			
/ideo Log: 0 out of 0 event entries				
0				

Figure 11. Video log page

3.7 Settings

The Settings page provides access to several submenus described in the following subsections.



Figure 12. Settings page

3.7.1 Date and Time

Date and time for the server can be set on this configuration page. To access the Date and Time submenu page, select **Settings** \rightarrow **Date & Time** from the menu bar.



Figure 13. Date and time submenu icon

. An interface with a world map can be used to set a specific time zone as shown in Figure 14.

onfigure Date & Time			
Jan	1, 1970 7:18:53 PM (GMT+04:0	0 MUT) - Indian/Mauritius	O
		- Cart	
		s s	No. A.
• • •			CE .
°° °			
		°	0
			• •
Primary NTP Server pool.ntp.org		Secondary NTP Server	time.nist.gov

Figure 14. Date and time page

3.7.2 External User Services

The External User Services page displays multiple submenus containing configuration options. To access the External User Services page, select **Settings** \rightarrow **External User Services** from the menu bar.



Figure 15. External user services submenu icon

External User Services			Home > Settings > External User Services
LDAP/E-directory Settings	Active Directory Settings	RADIUS Settings	

Figure 16. External user services page

3.7.2.1 LDAP/E-directory Settings

The LDAP settings page is used to enable/disable the LDAP settings on the server management LAN. To access the LDAP/E-directory settings page, select **Settings** \rightarrow **External User Services** \rightarrow **LDAP/E-directory Settings** from the menu bar.



Figure 17. LDAP/E-directory settings page

The following submenus within the LDAP/E-directory settings page can be configured:

- General Settings: Configures LDAP/E-directory settings and contains the following elements:
 - Enable LDAP/E-directory Authentication
 - o IP Address
 - o Port
 - o Search base.

Image: Construction of the second of the	External User Settings > LDAP/E-directory Set	ttings > General LDAP Setti
Enable LDAP/E-directory Authentication Encryption Type ◇ No Encryption SSL StartTLS Common Name Type ◇ IP Address Server Address Fort a389 Bind DN E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn Value Com Va		
Encryption Type No Encryption SSL StartTLS Common Name Type Phddress Server Address Server Address Bind DN E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
No Encryption SSL StartTLS common Name Type Paddress Server Address Port 389 Bind DN E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
Common Name Type P Address Server Address Server Address Bort 389 Bind DN E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
Server Address Port 389 Bind DN E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
Port 389 Bind DN E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
389 Bind DN E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
Bind DN E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
E.g., cn=admin,ou=login,dc=domain,dc=com Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
Password Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
Whitespace not allowed Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
Search Base E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
E.g., ou=login,dc=domain,dc=com Attribute of User Login cn		
Attribute of User Login		
cn 🗸		
B Save		

Figure 18. General LDAP settings page

• **Role Groups:** Allows to add a new role group to the device. Alternatively, double click a free slot to add a role group.



Figure 19. Role groups page

3.7.2.2 Active Directory Settings

The Active Directory settings page is used to enable/disable the Active Directory settings on the server management LAN. To access the Active directory Settings page, click **Settings** \rightarrow **External User Services** \rightarrow **Active directory Settings** from the menu bar.

Active directory Settings		# Home > Settings > External User Settings > Active directory Settings
General Settings	Role Groups	

Figure 20. Active directory settings page

The following submenus within the Active directory Settings page can be configured:

- **General Settings:** This submenu is used to configure Active Directory General Settings and contains the following elements:
 - Enable Active Directory Authentication
 - o Secret User Name
 - Secret Password
 - User Domain name
 - Up to three Domain Controller Server Addresses.

eneral Active Directory Settings	Home - Settings - External User Settings - Active directory Settings - General Active Directory Settings
0	
Enable Active directory Authentication	
Secret Username	
Secret Password	
User Domain Name	
Domain Controller Server Address 1	
Domain Controller Server Address 2	
Domain Controller Server Address 3	
巴 Save	

Figure 21. Active directory general settings page

• **Role Groups:** Allows to add a new role group to the device. Alternatively, double click a free slot to add a role group.



Figure 22. Active directory role groups page

3.7.2.3 RADIUS Settings

The RADIUS settings page is used to enable/disable the RADIUS authentication settings on the server management LAN. To access the RADIUS settings page, select **Settings** \rightarrow **External User Services** \rightarrow **RADIUS Settings** from the menu bar.

Figure 23. Radius settings page

The following elements within the general RADIUS settings page can be configured:

- Enable RADIUS Authentication: Option to enable/disable RADIUS authentication.
- Server Address: The IP address of the RADIUS server.

eneral RADIUS Settings	♣ Home > Settings > External User Settings > RADIUS Settings > General RADIUS Sett
	0
Enable RADIUS Authentication	
Server Address	
Port	
1812	
Secret	
Enable KVM Access	
Enable VMedia Access	
	ave



Note:

- IP Address (Both IPv4 and IPv6 format)
- FQDN (Fully Qualified Domain Name) format
 - **Port:** The RADIUS Port number.

Note:

- Default Port is 1812.
- Port value ranges from 1 to 65535

Secret: The Authentication Secret for RADIUS server.

Note:

- This field does not allow more than 31 characters.
- Secret must be at least 4 characters long.
- White space is not allowed.
 - Enable KVM Access: Access to KVM for RADIUS authentication users.
 - Enable VMedia Access: Access to VMedia for RADIUS authentication users.
 - **Save:** Save the settings.

To access the RADIUS authorization window, select Advanced RADIUS Settings.

Ivanced RADIUS Settings		倄 Home	> Settings > I	External User Settings	RADIUS Settings	Advanced RAD
RADIUS Authorization	0					
Radius configuration is not enabled.						
Administrator						
Operator						
User						
No Access						
	🖹 Save					

Figure 25. Radius authorization window.

Select **Save** to save the changes made.

3.7.3 **KVM Mouse Setting**

The KVM Mouse Setting page is used to configure positioning options for the pointer device in a KVM session. To access the KVM Mouse Setting page, select **Settings** \rightarrow **KVM Mouse Setting** from the menu bar.



Figure 26. KVM mouse setting submenu icon

KVM Mouse Setting	🏶 Home > Settings > KVM Mouse Set	ting
Mouse Mode Configuration		
Mouse Mode		
Relative Positioning (Linux)		
Absolute Positioning (Windows)		
Other Mode (SLES-11 OS Installation)		
🖺 Save		

Figure 27. KVM mouse setting page

Select **Save** to save the changes made.

3.7.4 Log Settings

The Log Settings page is used to configure Logging options for the System Event Log (SEL). To access the log settings page, select **Settings** \rightarrow **Log Settings** from the menu bar.



Figure 28. Log settings submenu icon

Log Settings	of Home - Settings - Log Settings
Advanced Log Settings	

Figure 29. Log settings page

To access the advanced log settings page, select Settings \rightarrow Log Settings \rightarrow Advanced Log Settings from the menu bar.

dvanced Log Settings	
0	
 Enable System Log 	
Location	
V Local Log Remote Log	
File Size	
50000	
Rotate Count	
0	
Remote Log Server	
Server IP or Hostname	
Remote Server Port	
0	
🖺 Save	



Select **Save** to save changes.

3.7.5 Media Redirection Settings

The Media Redirection Settings page displays multiple submenus containing configuration options. To access the Media Redirection Settings page, select **Settings** \rightarrow **Media Redirection Settings** from the menu bar.

Figure 31	Media Redirection Settings	menu icon
Media Redirection		🏶 Home > Settings > Media

\frown	940 B	24c
	346g	¥¢p
General Settings	VMedia Instance Settings	Remote Session

Figure 32. Media redirection settings page

3.7.5.1 General Settings

Use this page to enable or disable remote media support and configure options for the different media origins. If this option is enabled, then following remote media types will be displayed:

- Mount CD/DVD
- Mount Floppy
- Mount Hard disk

Upon selecting the individual media types, their respective configurations will be displayed. To access the general settings page, select **Settings** \rightarrow **Media Redirection Settings** \rightarrow **General Settings** from the menu bar.

General Settings	
Same settings for Floppy/Harddisk Images	
🖺 Save	

Figure 33. General settings page

Select **Save** to save the changes made.

3.7.5.2 VMedia Instance Settings

Use this page to set the number of virtual device instances to be supported for virtual media redirection. To access the VMedia Instance Settings page, select **Settings** \rightarrow **Media Redirection Settings** \rightarrow **VMedia Instance Settings** from the menu bar.

	0		
Floppy device instances			
Ĩ			
CD/DVD device instances			
1			
Hard disk instances			
1	~		
Remote KVM Floppy device instances			
1	~		
Remote KVM CD/DVD device instances			
1	\sim		
Remote KVM Hard disk instances			
1	\checkmark		
V Power Save Mode			

Figure 34. VMedia instance settings page

Select **Save** to save the changes made.

3.7.5.3 Remote Session

Use this page to enable/disable KVM Encryption when using H5Viewer.

Note: If Single Port Application support is enabled, KVM Encryption will NOT be set.

To access the Remote Session page, select **Settings** \rightarrow **Media Redirection Settings** \rightarrow **Remote Session** from the menu bar.

emote Session	🟶 Home > Settings > Media Redirection > Remote Sessi
0	
KVM Single Port Application	
Keyboard Language	
Auto Detect (AD)	
Retry Count	
3	
Retry Time Interval(Seconds)	
10	
Server Monitor OFF Feature Status	
Automatically OFF Server Monitor,	
10 10 A 1	

Figure 35. Remote session page

Click **Save** to save the changes made.

3.7.6 Network Settings



Figure 36. Network settings submenu icon

The Network Settings page displays multiple submenus containing configuration options. To access the Network settings page, select **Settings** \rightarrow **Network Settings** from the menu bar.

etwork Settings		Home > Settings > Network Setting
.	0	Å

Figure 37. Network settings menu

3.7.6.1 Network IP Settings

Use this page to configure the network settings for the management network.

Note: Enabling/Disabling LAN support for the ethO device is controlled by BIOS, and enabled by default in this page.

To access the Network IP Settings page, select **Settings** \rightarrow **Network Settings** \rightarrow **Network IP Settings** from the menu bar.

etwork IP Settings		₩ B	ome – Settings	Network	Network IP Setting:
	0				
Enable LAN					
LAN Interface					
eth0	~				
AC Address					
0:42:3F:37:0B:79					
Enable IPv4					
Enable IPv4 DHCP					
Pv4 Address					
10.99.241.135					
Pv4 Subnet					
255.255.254.0					
Pv4 Gateway					
10.99.241.254					
Enable IPv6					
 Enable IPv6 DHCP 					
Pv6 Index					
0	~				
Pv6 Address					
Subnet Prefix Length					

Figure 38. Network IP settings page

Click **Save** to save the entries.

3.7.6.2 Network Link Configuration

To access the Network Link Configuration page, select Settings \rightarrow Network Settings \rightarrow Network Link Configuration from the menu bar.

etwork Link Configuration	👫 Home > Settings > Network > Network Link Configuration
0	
LAN Interface	
eth0	
 Auto Negotiation 	
Link Speed	
100 Mbps	
Duplex Mode	
FULL Duplex	
🖺 Save	

Figure 39. Network link configuration page

Click Save to save the entries.

3.7.6.3 DNS Configuration

To access the DNS Configuration page, select **Settings** \rightarrow **Network Settings** \rightarrow **DNS Configuration** from the menu bar.

0		
DNS Enabled		
mDNS Enabled		
Host Name Setting		
Automatic Manual		
AMIA0423E370879		
BMC Registration Settings		
BMC Interface:		
ethū		
Register BMC		
Registration method:		
O Nsupdate DHCP Client FQDN		
Hostname		
TSIG Configuration		
TSIG Authentication Enabled		
Current TSIG Private File Info		
Not Available		
New TSIG Private File		
B		
Domain Setting		
Automatic 🕜 Manual		
Domain Interface		
eth0_v4		
Domain Name Server Setting		
Automatic 🚫 Manual		
DNS Interface		
eth0 🔽		
IP Priority		
IPv4 IPv6		

Figure 40. DNS configuration page

Click Save to save the entered changes.

3.7.6.4 Sideband Interface (NC-SI)

To access the Sideband Interface (NC-SI) page, select **Settings** \rightarrow **Network Settings** \rightarrow **Sideband Interface** (NC-SI) from the menu bar.

	0
NCSI Mode	
Auto Failover Mode	
Manual Switch Mode	
NCSI Interface	
eth1	\checkmark
Channel Number	
0	~
Package ID	
0	\checkmark

Figure 41. Sideband interface (NC-SI) page

Click **Save** to save the current changes.

3.7.7 PAM Order Settings

Use this page to configure the PAM order for user authentication into the Integrated BMC. The configuration page shows the list of available PAM modules supported in the BMC. Click and Drag the required PAM module to change its order.



Figure 42. PAM order settings submenu icon

To access the PAM Order Settings page, select **Settings** \rightarrow **PAM Order Settings** from the menu bar.

	0
PAM Authentication Order	
IPMI	
LDAP	
ACTIVE DIRECTORY	
RADIUS	

Figure 43. PAM order settings page

Click **Save** to save the changes.

3.7.8 Platform Event Filter

The Platform Event Filter page displays multiple submenus containing configuration options. To access the Platform Event Filter page, select **Settings** \rightarrow **Platform Event Filter** from the menu bar.



Figure 45. Platform event filter page

3.7.8.1 Event Filters

The Event Filters page shows all configured Event filters and available slots. Use this page to modify or add new event filter entries. By default,15 event filter entries are configured among the 40 available slots. To access the Event Filters page, select **Settings** \rightarrow **Platform Event Filters** \rightarrow **Event Filters** from the menu bar.



Figure 46. Event filters page

Select a specific event filters section to configure the event filters in the available slots. To add an event filter, select a free section to access the event filter entry page. Select **Save** to save the changes and return to event filter list.

Select **Delete** to delete the existing filter.

	0		
Enable this filter			
Event severity to trigger			
Any severity	~		
Power Action			
None	~		
Alert Policy Group Number			
1	~		
Raw Data			
Generator ID 1			
255			
Generator ID 2			
255			
Generator Type			
Slave Software			

Figure 47. Event filter configuration page

3.7.8.2 Alert Policies

The Alert Policies page shows all configured Alert policies and available slots. Use this page to modify or add new alert policy entries. A maximum of 60 slots are available. To access the Alert Policies page, select **Settings** \rightarrow **Platform Event Filters** \rightarrow **Alert Policies** from the menu bar.



Figure 48. Alert policies page

On the Alert Policies page, select a specific slot to configure the Alert Policy. If alert policy group four is chosen, the fourth slot must be configured (the slot with policy number four) in the alert policy tab.

Select the slot and select the empty slot to access the Alert Policies page as shown in Figure 49. Select **Save** to save the new alert policy and return to Alert Policy list.

Select **Delete** to delete a configuration.

art Delision	Home > Settings > Platform Event Filters > Alert Policies > Alert Policie
ertPolicies	
Alert Policies 🚱	
Policy Group Number	
1	
Enable this alert	
Policy Action	
Always send alert to this destination	
LAN Channel	
1	
Destination Selector	
\checkmark	
Event Specific Alert String	
Alert String Key	
0	
Delete	

Figure 49. Alert policies configuration page

3.7.8.3 LAN Destinations

This page is used to configure the LAN Destination of a Platform Event Filtering (PEF) configuration. To access the LAN Destinations Page, select **Settings** \rightarrow **Platform Event Filters** \rightarrow **LAN Destinations** from the menu bar.

AN De	estinations			🖨 Home > Setti	ngs > Platform Event Filters > LAN Destination
elect the L	AN Channel 1				Ø
	LAN Channel: 1 LAN Destination: 1 SNMP Trap Sent To:	•	LAN Channel: 1 LAN Destination: 2 SNMP Trap Sent To:	LAN Channel: 1 LAN Destination: 3 SNMP Trap Sent To:	LAN Channel: 1 LAN Destination: 4 SNMP Trap Sent To:
	Send Test Alert LAN Channel: 1 LAN Destination: 5 SNMP Trap Sent To:	•	Send Test Alert LAN Channel: 1 LAN Destination: 6 SNMP Trap Sent To:	Send Test Alert LAN Channel: 1 LAN Destination: 7 SNMP Trap Sent To:	LAN Channel: 1 LAN Destination: 8 SNMP Trap Sent To:
	Send Test Alert		Send Test Alert	Send Test Alert	Send Test Alert

Figure 50. LAN destinations page

On the LAN Destinations page, choose the number of slots to be configured. This should be the same number of slots that are selected in the Alert Policies – Destination Selector field. For example, if the Destination Selector is set to four on the Alert Policies page within the Alert Policies submenu, then the fourth slot of the LAN Destinations page must also be configured.

Select an empty slot, and access the LAN Destination entry. Select **Save** to add a new entry to the device. Alternatively, double click on a free slot.

Select **Delete** to delete the selected configured LAN Destination.

Intel®	Server	Board	M10JN	P2SB	BMC	Web	Console	User	Guide

0		
LAN Channel		
1		
LAN Destination		
1		
Destination Type		
SNMP Trap E-Mail		
SNMP Destination Address		
BMC Username		
\checkmark		
Email Subject		
Email Message		

Figure 51. LAN destination configuration page

3.7.9 Services

The Services page displays basic information concerning services running in the Integrated BMC. Only users with administrator privileges can modify services. To access the Services page, select **Settings** \rightarrow **Services** from the menu bar.



Figure 52. Services submenu icon

ervice ≎	Status 🗢	Interfaces \$	Non Secure Port	Secure Port	Timeout \$	Maximum Sessions	
veb	Active	eth0	80	443	300	20	=
wm	Active	eth0	7578	7582	1800	4	
d-media	Active	eth0	5120	5124	N/A	4	

Figure 53. Services page

3.7.10 SMTP Settings

Use this page to enable/disable SMTP support and configure its settings. To access the SMTP Settings page, select **Settings** \rightarrow **SMTP Settings** from the menu bar.

\times	
SMTP Settings	

Figure 54. SMTP settings submenu icon

0		
AN Interface		
eth0		
iender Email ID		
Primary SMTP Support		
rimary Server IP		
Primary SMTP port		
25		
Primary Secure SMTP port		
465		
Primary SMTP Authentication		
Primary Username		
rimary Password		
Primary SMTP SSLTLS Enable		
Primary SMTP STARTTLS Enable		

Figure 55. SMTP settings page

Select **Save** to save the entered details.

3.7.11 SSL Settings

The SSL Settings page offers options to configure an SSL certificate to be used in the Integrated BMC. To access the SSL Settings page, click **Settings** \rightarrow **SSL Settings** from the menu bar.



Figure 56. SSL settings submenu icon

SSL Settings			₭ Home > Settings > SSL Settings
View SSL certificate	Generate SSL certificate	Lupload SSL certificate	

Figure 57. SSL settings page

3.7.11.1 View SSL Certificate

This page displays basic information about the uploaded SSL certificate:

- Version- Serial Number
- Signature Algorithm
- Public Key

To access the View SSL Certificate page, select **Settings** \rightarrow **SSL Settings** \rightarrow **View SSL Certificate** from the menu bar.

View	SSL Certificate	₭ Home > Settings > SSL Settings > View SSL Certificate
	0	
Curr	ent Certificate Information	
Certifi	icate Version	
3		
Serial	Number	
92046	422C980E206	
Signat	ture Algorithm	
sha25	6WithRSAEncryption	
Public	Кеу	
(2048	bit)	

Figure 58. View SSL certificate page

Select **Save** to generate the certificate.

3.7.11.2 Generate SSL Certificate

Use this page to generate an SSL certificate to be used in the Integrated BMC. To access the Generate SSL Certificate page, select **Settings** \rightarrow **SSL Settings** \rightarrow **View SSL Certificate** from the menu bar.

	0		
Common Name (CN)			
Organization (O)			
Organization Unit (OU)			
City or Locality (L)			
State or Province (ST)			
Country (C)			
Email Address			
Valid for			
in days			
Key Length			



Select **Save** to generate the new SSL certificate.

3.7.11.3 Upload SSL Certificate

The Upload SSL Certificate page displays the current SSL certificate information, and allows for the uploading of a new SSL certificate. To access the Upload SSL Certificate page, select **Settings** \rightarrow **SSL Settings** \rightarrow **Upload SSL Certificate** from the menu bar.

pload SSL Certificate	🖷 Home > Settings > SSL Settings > Upload SSL Certifica
0	
Current Certificate	
Thu Jan 1 00:00:00 1970	
New Certificate	
b	
Current Private Key	
Thu Jan 1 00:00:00 1970	
New Private Key	
b	
🖺 Upload	

Figure 60. Upload SSL certificate page

Select **Upload** to upload the SSL certificate and privacy key into the BMC.

3.7.12 System Firewall

Use the system firewall submenus to configure firewall settings for the Integrated BMC. Firewall rules can be set for an IP or range of IP addresses or port numbers. To view this page, operator clearance is required. Only users with administrator privileges can configure firewall settings. To access the System Firewall page, select **Settings** \rightarrow **System Firewall** from the menu bar.



Figure 61. System firewall submenu icon

System Firewall			♣ Home > Settings > System Firewall
	0	0	
General Firewall Settings	IP Address Firewall Rules	Port Firewall Rules	

Figure 62. System firewall page

3.7.12.1 General Firewall Settings

To access the General firewall Settings page, click Settings \rightarrow System Firewall \rightarrow General Firewall Settings from the menu bar.

0	+		
Existing Firewall Settings	Add Firewall Settings		

Figure 63. General firewall settings page

3.7.12.2 Existing Firewall Settings

Use this page to view the existing firewall rules in the integrated BMC. To access the Existing Firewall Settings page, select **Settings** \rightarrow **System Firewall** \rightarrow **General Firewall Settings** \rightarrow **Existing Firewall Settings** from the menu bar.



Figure 64. Existing firewall settings page

3.7.12.3 Add Firewall Settings

Use this page to add a new firewall rule. To access the Add Firewall Settings page, select **Settings** \rightarrow **System** Firewall \rightarrow General Firewall Settings \rightarrow Add Firewall Settings from the menu bar.

-

Add Firewall Settings	Home ≥ Settings ≥ Firewall ≥ General Firewall Settings ≥ Add Firewall Settings
0	-
Block All	
IPv4	
Flush All	
Timeout	
Start Date	
YYYY/MM/DD	
Start Time	
0	

Figure 65. Add firewall settings page

Select **Save** to save the changes made.

3.7.12.4 IP Firewall Rules

To access the IP Firewall Rules page, select **Settings** \rightarrow **System Firewall** \rightarrow **IP Firewall Rules** from the menu bar.

IP Firewall Rules		♣ Home > Settings > Firewall > IP Firewall Rules
Existing IP Rules	Add New IP Rule	

Figure 66. IP firewall rules page

3.7.12.5 Existing IP Rules

Use this page to view the existing IP rules in the Integrated BMC. To access the Existing IP Rules page, select **Settings** \rightarrow **System Firewall** \rightarrow **Firewall Settings** \rightarrow **IP Firewall Rules** \rightarrow **Existing IP Rules** from the menu bar.

Existing IP Rules	₩ Home > Settings > Firewall > IP Oriented Firewall Rules > Existing IP Rules	

Figure 67. Existing IP rules page

3.7.12.6 Add IP Rules

Use this page to add a new IP rule. To access the Add IP Rules page, select **Settings** \rightarrow **System Firewall** \rightarrow **IP Firewall Rules** \rightarrow **Add IP Rules** from the menu bar.

	0		
IP Single (or) Range Start			
P Range End			
optional			
Enable Timeout			
Start Date			
YYYY/MM/DD	#		
Start Time			
	Ø		
End Date			
YYYY/MM/DD	#		
End Time			
	O		
Rule			
Allow	\checkmark		

Figure 68. Add IP rules page

Select **Save** to save the changes made.

3.7.12.7 Port Firewall Rules

To access the Port Firewall Rules page, click **Settings** \rightarrow **System Firewall** \rightarrow **Port Firewall Rules** from the menu bar.

r or crite wall reales		
0	+	
Existing Port Rules	Add New Port Rule	

Figure 69. Port firewall rules page

3.7.12.8 Existing Port Rules

Use this page to view the existing port rules in the Integrated BMC. To access the Existing Port Rules page, select **Settings** \rightarrow **System Firewall** \rightarrow **Firewall Settings** \rightarrow **Port Firewall Rules** \rightarrow **Existing Port Rules** from the menu bar.

Existing Port Rules	# Home > Settings > Firewall > Port Oriented Firewall Rules > Existing Port Rules

Figure 70. Existing port rules page

Select **Delete** to delete an entry to the firewall rules list.

3.7.12.9 Add Port Rules

Use this page to add port rules to the Integrated BMC. Specific ports or port ranges can be configured. The port value range can be from 1 to 65535.

Note: Port 80 is blocked for TCP/UDP protocols.

To access the Add Port Rules page, select **Settings** \rightarrow **System Firewall** \rightarrow **Port Firewall Rules** \rightarrow **Add Port Rule** from the menu bar.

dd Port Rule	🕷 Home > Settings >	Firewall > Port	Oriented Firewall Rules	Add Port Rule
0				
Port Single (or) Range Start				
Port Range End				
optional				
Protocol				
ТСР				
Network Type				

Figure 71. Add port rules page

Select Save to save the changes made.

3.7.13 User Management

The User Management page displays the current list of users for the Integrated BMC and allows to add, modify, or delete existing users. To access the User Management page, select **Settings** \rightarrow **User Management** from the menu bar.



Figure 72. User management submenu icon

er Management			Tome - Settings - Set has
anonymous (Active) Administrator	Administrator	(Disabled)	(Disabled)

Figure 73. User management page

Select the icon () on any free slot to add a new user from the User Management main page.

Note: The free slots are listed as **Disabled** in all columns for the slot.

The User Management Configuration Page displays information about the selected user, and their privileges. To add a new user, select a free section and click on the empty section.

lser Management Configuration	of Home — Settings - User Management - User Management Configuration
0	
Password Size	
16 bytes	
Password	

Figure 74. Add user page

Note:

- Username is a string of 1 to 16 alpha-numeric characters.
- Username must start with an alphabetical character.
- Username is case-sensitive.
- Special characters '-'(hyphen), '_' (underscore), '@' (at sign) are allowed.
- For 20 Bytes password, a LAN session is not established.

3.7.14 Video Recording

The Video Recording page displays a submenu containing configuration options. To access the video recording page, click **Settings** \rightarrow **Video Recording** from the menu bar.



Figure 75. Video recording submenu icon

Video Recording		
Auto Video Settings		

Figure 76. Video recording page

3.7.14.1 Auto Video Settings

To access the Auto Video Settings page, select **Settings** \rightarrow **Video Recording** \rightarrow **Auto Video Settings** from the menu bar.



Figure 77. Auto video settings page

3.7.14.2 Video Trigger Settings

Use this page to select different triggers to start video recording.

Note: KVM service should be enabled to perform auto-video recording. The date and time should be in advance of the system date and time.

To access the Video Trigger Settings page, select Settings → Video Recording → Auto Video Recording → Video Trigger Settings from the menu bar.

		0
	Critical Events (Temperature/Voltage)	
	Non Critical Events (Temperature/Voltage)	
	Non Recoverable Events (Temperature/Voltage)	
1	Fan state changed Events	
]	Watchdog Timer Events	
1	Chassis Power On Events	

Figure 78. Video trigger settings page

Select **Save** to save the changes made.

3.7.14.3 Video Remote Storage

Use this page to enable or disable remote video support. Video files are stored in the local path of the BMC by default. If remote video support is enabled, the video files will be stored only in the remote path, and not within the BMC. To access the Video Remote Storage page, select **Settings** \rightarrow **Video Recording** \rightarrow **Auto Video Remote Storage** from the menu bar.

	0
Record Video to Remote Server	
Maximum Dumps	
2	
Maximum Duration (Sec)	
20	
Maximum Size (MB)	
5	

Figure 79. Video remote storage page

Select **Save** to save the changes.

3.7.14.4 Pre-Event Video Recordings

Use this page to configure Pre-Event video recording configurations .Pre-Event video recording is disabled by default. To access the Pre-Event Video Recording page, select **Settings** \rightarrow **Video Recording** \rightarrow **Auto Video Recordings** \rightarrow **Pre-Event Video Recordings** from the menu bar.

re-Event Video Recordings		者 Home 🗧	Settings	Video >	Auto settings	Pre-Event Video Record
5						
	0					
This page used to configure the Pre-Event video recordin configurations.Pre-Event video recording is currently dis: To enable the Pre-Event video recording in <u>Triggers</u> <u>Configuration</u> page and trigger the video.	g abled.					
Video Quality						
Very Low						
Compression Mode						
High	~					
rames Per Second						
1	\checkmark					
/ideo Duration						
10	~					
	(Paralas)					
	Save					



Select **Save** to save the changes made.

3.8 Remote Control

Use this page to launch a remote control session. To access the Remote Control page, select **Remote Control** from the menu bar.



Figure 81. Remote control page

Select **Java Console** to start the JViewer video redirection.



Figure 82. JViewer video redirection

Select Launch KVM to access the remote control KVM page.

- Start KVM: Starts the H5Viewer video redirection.
- Stop KVM: Stops the H5 Viewer video redirection.



Figure 83. Remote KVM page

3.8.1 Remote KVM menu bar

Video + Mouse + Options + Keyboard + Send Keys + Hot Keys + Video Record + Power + Active Users + Help +

Figure 84. Remote KVM menu bar

3.8.1.1 Video

The **Video** menu contains the following submenu items.

- **Pause Video**: Use this option for pausing Console Redirection.
- **Resume Video**: Use this option to resume the Console Redirection when the session is paused.
- Refresh Video: Use this option to update the display shown in the Console Redirection window.
- **Display on**: If this option is enabled, the display is shown on the screen in Console Redirection.
- **Display off**: If this option is enabled, the server display will be blank but viewable in Console Redirection. If this option is disabled, the display returns to the server screen.
- **Capture Screen**: This option takes a screenshot of the host screen and saves it to the client's system.

3.8.1.2 Mouse

- Show Client Cursor: Show or hide the local mouse cursor on the remote client system.
- **Mouse Mode**: Mouse emulation from the local window to the remote screen. Only the administrator has the privileges to configure this option.
 - **Absolute mouse mode**: The absolute position of the local mouse is sent to the server if this option is selected.
 - **Relative mouse mode**: The relative mode sends the calculated relative mouse position displacement to the server if this option is selected.
- **Other mouse mode**: Sets the client cursor in the middle of the client system and will sends any deviation to the host. This mouse mode is specific for a SUSE Linux installation.

Note: The client cursor is always hidden. To enable the display of the client cursor, use **Alt** + **C** to access the menu.

3.8.1.3 Options

The bandwidth usage option allows for the adjustment of the bandwidth via the following options:

- Block Privilege Request: Enable or disable the access privilege of the user.
- **Keyboard/Mouse Encryption**: Encrypt keyboard inputs and mouse movements sent between the connections.

3.8.1.4 Keyboard

List of Host Physical Keyboard languages supported in H5Viewer.

- English
- German
- Japanese

3.8.1.5 Video Record

This menu contains the following submenu items:

- **Record Video**: Start recording the screen.
- **Stop Recording**: Stop the recording.
- **Record Settings**: Set the recording duration of the video.

3.8.1.6 Send Keys

This menu contains the following submenu items:

- Hold Down
- Press and Release

3.8.1.7 Hold Down

This menu contains the following submenu items:

- **Right Ctrl Key**: Acts as the right-side <CTRL> key when in Console Redirection.
- Right Alt Key: Acts as the right-side <ALT> key when in Console Redirection.
- **Right Window Key**: Acts as the right-side <WIN> key when in Console Redirection.
- Left Ctrl Key: Acts as the left-side <CTRL> key when in Console Redirection.
- Left Alt Key: Acts as the left-side <ALT> key when in Console Redirection.
- Left Window Key: Acts as the left-side <WIN> key when in Console Redirection. You can also decide how the key should be pressed: Hold Down or Press and Release.

3.8.1.8 Press and Release

- **Ctrl + Alt + Del:** Acts as if you depressed the <CTRL>, <ALT> and keys down simultaneously on the server that you are redirecting.
- Left Windows Key: Acts as the left-side <WIN> key when in Console Redirection. You can also decide how the key should be pressed: Hold Down or Press and Release.
- **Right Windows Key:** Acts as the right-side <WIN> key when in Console Redirection.
- Context Menu Key: Acts as the context menu key when in Console Redirection.
- **Print Screen Key**: Acts as the print screen key, when in Console Redirection.

3.8.1.9 Hot Keys

This menu adds the user configurable shortcut keys to invoke in the host machine. These configured key events are saved in the BMC.

This menu contains the following submenu items:

• Add Hot Keys: Enables macros. Select Add to add macros.

3.8.1.10 Power

- **Power Reset**: Reboots the system without powering off (warm boot).
- Immediate Shutdown: Power off the server immediately.
- Orderly Shutdown: Soft power off.
- **Power On**: Power on the server.
- **Power Cycle**: First power off, and then reboot the system (cold boot).

3.8.1.11 Active Users

Select this option to display the active users and their system IP address.

3.8.1.12 Help

Select this option to display information about the H5Viewer.

3.9 Power Control

The Power Control page provides access to control the system power.

To access the Power Control page, select **Power Control** from the menu bar.

=		A	Sync 🗘	C Refresh	👤 root 🗸
Power Control on Host Se	erver			倄 Home 🗄	- Power Control
Power Actions	0				
Host is currently on					
Power Off					
Power On					
Power Cycle					
Hard Reset					
ACPI Shutdown					
ර් Perfo	orm Action				

Figure 85. Power control menu

The power control page contains the following options:

- **Power Off**: Immediately power off the server.
- **Power On**: Power on the server.
- **Power Cycle**: First power off, and then reboot the system (cold boot).
- Hard Reset: Reboot the system without powering off (warm boot).
- **ACPI Shutdown**: Initiate operating system shutdown prior to the shutdown.
- **Perform Action**: Click this option to perform the selected operation.

Select an action and click **Perform Action** to proceed with the selected action.

Note: The BMC Web Console does not support Chassis Identify or Set front Panel enables

3.10 Maintenance

Use this page to access various maintenance options on the Integrated BMC. The maintenance menu contains of the following items:

- Backup Configuration
- Firmware Image Location
- Firmware Information
- BIOS Information
- Firmware Update
- Preserve Configuration
- Restore Configuration
- Restore Factory Defaults

To access the Maintenance page, select **Maintenance** from the menu bar.

Maintenance			🕷 Home > Maintenance
Backup Configuration	Firmware Image Location	Firmware Information	BIOS Information
Firmware Update	Preserve Configuration	Restore Configuration	D Restore Factory Defaults

Figure 86. Maintenance page

3.10.1 Backup Configuration

Use this page to select different configuration elements that can be backed up. When a configuration element is selected, the configuration backup can be downloaded. The downloaded configuration backup can be used to restore the configuration later. To access the Backup Configuration page, select **Maintenance** \rightarrow **Backup Configuration** from the menu bar.



Figure 87. Backup configuration submenu icon

ackup Configuration			
	0		
Check All			
KVM			
Network & Services			
IPMI			
NTP			
Authentication			
SYSLOG			

Figure 88. Backup configuration page

- 1. Select **Check All** to backup the selected configuration items. The Backup Configuration page will appear as shown in Figure 88.
- 2. Select **Download Config** to save the backup file to the client system.
- 3. Select **OK** to perform the backup action. The backup file is saved in the client system.
- 4. Select Cancel to cancel the backup process.

3.10.2 Firmware Image Location

Use this page to configure the firmware image on the BMC. To access the Firmware Image Location Page, select **Maintenance** \rightarrow **Firmware Image Location** from the menu bar.



Figure 89. Firmware image location submenu icon

irmware Image Locatior	1			
	0			
Image Location Type				
Web Upload during flash				
	Save			

Figure 90. Firmware image location page

Select **Save** to save any changes made.

3.10.3 Firmware Information

The Firmware Information page displays current firmware information. To access the Firmware Information page, select **Maintenance** \rightarrow **Firmware Information** from the menu bar.



Figure 91. Firmware information submenu icon

rmware Informatior	1		
Active Firmware	0		
Build Date			
Jun 2 2017			
Build Time			
10:46:21 CST			
Firmware version			
0.10.0			

Figure 92. Firmware information page

3.10.4 BIOS Information



Figure 93. BIOS information submenu icon

The BIOS Information page displays current BIOS Information. To access the BIOS Information page, select **Maintenance** \rightarrow **BIOS Information** from the menu bar.

nformation		倄 Home > Mainter	ance > B
OS Firmware	0		
DS version			
sion1.0			

Figure 94. BIOS information page

3.10.5 Firmware Update

The Firmware Update page provides a tool for remotely updating the BMC. An automatic reset of the system occurs if the upgrade is completed or cancelled. An option to Preserve All Configuration is available. Enable it to preserve configured settings through the upgrade. To configure, select **Maintenance** \rightarrow **Firmware Update** from the menu bar.



Figure 95. Firmware update submenu icon



Figure 96. Firmware update page

Select Start Firmware Update to begin the firmware update process.

3.10.6 Preserve Configuration

Use this page to select parts of the configuration for preservation without overwriting with default/Firmware Upgrade configuration. To access the Preserve Configuration page, select **Maintenance** \rightarrow **Preserve Configuration** from the menu bar.



Figure 97. Preserve configuration submenu icon

eserve Configuration	# Home > Maintenance > Preserve Configu
Ø	
Click here to go to Firmware Update or Restore Configuration	
Check All	
SDR	
FRU	
SEL	
IPMI	
Network	
NTP	
SSH	
KVM	
Authentication	
Syslog	
Web	
🖺 Save	

Figure 98. Preserve configuration page

Select **Save** to save the changes.

3.10.7 Restore Configuration

Use this page to restore configuration files from a connected client system to the BMC. To access the Restore Configuration page, select **Maintenance** \rightarrow **Restore Configuration** from the menu bar.



Figure 99. Restore configuration submenu icon

Restore Configuration	Home > Maintenance > Restore Configuration
0	
🖺 Upload	

Figure 100. Restore configuration page

Select **Upload** to restore the backup files. The Restore Configuration page prompt appears as shown in Figure 101.

Restore Configuratio	on		₭ Home > Maintenance >	 Restore Configuration
	0			
Config File	-	×		
Click OK if you WARNING:Ret	want to continue restoring ostoring configurations will res	configuraions start the device		
	確定	取消]	

Figure 101. Restore configuration confirmation prompt

Select **OK** to upload the new configuration file and restore.

3.10.8 Restore Factory Defaults

This section lists the configuration items that are preserved during the restoration of factory default configurations. To access the Restore Factory Defaults page, select **Maintenance** \rightarrow **Restore Factory Defaults** from the menu bar.



Figure 102. Restore factory defaults submenu icon

estore Factory Defaults	<table-of-contents> Home ></table-of-contents>	Maintenance >	Restore Factory Def
0			
Following checked configuration will be preserved. You can make changes to them in preserve configuration page.			
SDR			
FRU			
SEL			
IPMI			
Network			
NTP			
SSH			
KVM			
Authentication			
Syslog			
Web			
🖺 Restore Factory Defaults			

Figure 103. Restore factory defaults page

Select **Restore Factory Defaults** to restore the factory defaults of the device's firmware.

3.11 Sign Out

To log out of the GUI, select **Sign Out** from the menu bar. A confirmation prompt appears as shown in Figure 104.



Figure 104. Logout dialog box

Alternatively, select the **root** icon on the top right corner of the screen as shown in Figure 105.



Figure 105. Root icon logout

Select **Sign Out** to log out of the GUI, to display a confirmation prompt as shown in Figure 106. Select **OK** to log out, or **Cancel** to return to the GUI.



Figure 106. Logout confirmation prompt

4. BMC Port Number

This section lists a table of the BMC Port numbers.

	Web
	Server:
	443
	KVM:
	7578,
	7582
	CD Media:
	5120,
	5124
BMC Port Numbers	FD Media:
	5123,
	5127
	HD Media:
	5122,
	5126
	IPMI: 623
	UPnP
	Discovery:
	1900,
	50000

Table 2. BMC port numbers

Appendix A. Glossary

Term	Definition
ВМС	Baseboard Management Controller
GUI	Graphical User Interface
BIOS	Basic Input/Output System
ACPI	Advanced Configuration and Power Interface
FRU	Field Replaceable Unit
SMTP	Simple Mail Transfer Protocol
IPMI	Intelligent Platform Management Interface
LDAP	Lightweight Directory Access Protocol
LAN	Local Area Network
RADIUS	Remote Authentication Dial-In User Service
FQDN	Fully Qualified Domain Name
KVM	Keyboard Video and Mouse
SEL	System Event Log
DNS	Domain Name System
PAM	Pluggable Authentication Modules
SSL	Secure Sockets Layer
ТСР	Transmission Control Protocol
UDP	User Datagram Protocol
SSI	Server System Infrastructure