

IPMI Configuration Guide

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1. Introduction of Megarac SP

Megarac SP allows remote access of computers with BMC (Baseboard Management Controllers) and IPMI (Intelligence Platform Management Interface). System administrators may easily monitor system health or manage computer events of remote computers via the web based Megarac SP GUI using standard Internet browsers.

2. Megarac SP GUI Overview

2.1 Login page

/ISRock R/ICK		American Megatrends
	Username: admin Password: ••••• • Login	
	Language: [English ~]	
	KeedwardE Undered: Settimize 1. Advoir copposed from this site 2. Advoir the advoirtead them this site, (Here to 3) 3. Excel averages that the site 4. Excelate controls that also	
	It is recommended not to use Retresh, Back and Forward options of the browser.	

The default username and password are both "admin". It is recommended to change the username and password after your first login.

2.2 Dashboard

shboard FRU information Server Health Configur		te Control	Auto Video Re		Maintenance		C Refresh & Print & L
schoord FRU Information Server Health Conligu	ration Remo	te Control	Auto Video Re	cording	Maintenance	Firmware Update	
lashboard							
ashboard gives the overall information about the status of the device	and remote serve	23					
Device Information	Sensor Monitoring			Event Logs			
Immware Revision: 0.7.0 Immware Build Time: Feb 27 2014 17 32:44 CST	Status	Sensor	Reading		-		Unknown (0.22%) PR92T_PAN3 (0.14%)
Network Information (Edg)	• A1	X+5VS8	5.069 Volts	۹	/		Free Space (99.64%)
MC Address BC 5F F4 E9:FF EF	• •3	VSB	3.48 Volts	A	(
4 Network Mode: DHCP V4 Address: 192 158 30.44	• Vo	ore	1.74 Volts	2			
W4 Address 192 105 30 44 5 Network Mode: Disable	• v	CM	1.52 Volts	A		/	
	0 -1	05V	1.079 Vots	A			
Power Supply Information:	• vi	tuo_oio	1.01 Volts	٩			
Aodel	• B/	st	3.1 Volts	P	Remote Cont	rol	Launch
evision pcallon	• •3	N	3.36 Votts	4	Refresh doos	-600	
June.	• +5	v	5.16 Volts	٩			
Servat	1	zv	12.3 Volts	R	Dented Law (1997)		Contra Del Calendar
ocation LED Status : ON	• 0	U_FAN1	1000 RPM	a	State State State		
	• RS	EAR_FAN1	Not Available	4		Contraction of the	10.10
	• FF	INT_FAN1	Not Available	à		A COLOR	And and a statements
	• 5	INT_FAN2	Not Available	A			
		INT FAND	Not Available	2			

The dashboard displays overall information about the status of the device.

Device Information

Displays the Firmware Revision and Firmware Build Time (Date and Time).

Network Information

Shows network settings for the device. Click on the link Edit to view the Network Settings Page.

Remote Control

Start remote redirection of the host by launching the console from this page. Clicking on the 'Launch' button of the 'Remote Control' will cause the jviewer.jnlp file to be downloaded. Once the file is downloaded and launched, a Java redirection window will be displayed.

Remote Console Preview Box

It will show the console preview of the remote server by using a java application. Click on the 'Refresh' button to reload the console preview.

Sensor Monitoring

It lists all available sensors on the device, with information such as status,

name, reading, and status icon, as well as a link to that sensor's page.

There are 3 possible states for a Sensor:

- Green dot denotes a Normal state.
- Yellow exclamation mark denotes a Warning state.
- Red x denotes a Critical state.

The magnifying glass allows access to the Sensor details page for that sensor.

Event Logs

A graphical representation of all events incurred by the various sensors and %occupied/available space in logs. If you click on the color-coded rectangle in the Legend for the chart, you can view a list of those specific events only.

2.3 Field Replaceable Unit (FRU)

	leck							American Megatrends
Deshboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	+ admin (Auroration) - C Firmwarn Update	Refresh C Print P Logout HELP
Field Re	eplaceable Un	it(FRU)						~
This page give	es detailed information fi	or the various FRU	devices present in this	s system.				
Basic Info								
FRU Dev			0	Y				
	vice Name		BMC_FRU					
FRU DES	vice Name		EMC_PHD					
Chassis I	nformation:							
Chassis	Information Area Form	at Version	0					
Chassis	Type							
Chassis	Part Number							
Chassis	Serial Number							
Chassis	Extra							
Board Infe	ormation:							
Board In	formation Area Forma	Version	1)					
Languag	pe.		0					
Manufac	ture Date Time		Fri Jul 27 15:31:00 21	212				
Board M	lanufactorer		ASRock					
Board P	roduct Name							
Board S	erial Number							
Board P	art Number							
FRU File	ID							~

This page displays the BMC FRU file information. On selecting a particular FRU Device ID its corresponding FRU information will be displayed.

Basic Information

It displays the FRU device ID and device name for the selected FRU device ID.

Chassis Information

It displays the following Chassis information fields.

- Area Format Version
- Chassis Type
- Chassis Part Number
- Chassis Serial Number
- Chassis Extra

Board Information

It displays the following Board information fields.

- Area Format Version
- Language
- Manufacture Date Time
- Board Manufacturer

- Board Product Name
- Board Serial Number
- Board Part Number
- FRU File ID
- Board Extra

Product Information

It displays the following Product information fields.

- Area Format Version
- Language
- Manufacturer Name
- Product Name
- Product Part Number
- Product Version
- Product Serial Number
- Asset Tag
- FRU File ID
- Product Extra

2.4 Server Health

2.4.1 Sensor Readings

	FRU Information	Server Health							
			Configuration	Remote Cont	nal Auto Video Rec	cording	Maintenance	Firmware Update	н
	Readings								
	ad information will b	a direction and have a David	the click are a second by	teach (DA) I DET) the live widget for that				
Il Sensors	v normacun wir o	e displayed nore. Dou	the click on a record to	s soggie (cres cer) the two widget for that)	pariscular se	nuvr.	Sansor C	oont: 18 sensors
8 Sensors	~							Service C	Upint. 19 sensors
ATX+5VSB	Nor	nal III.	Current Roading 1 5 069 Volta						
+3VS8	Nor	mai	3.5 Vots	ATX+	5VSB: 5.069 Vo	olts			NORMAL
Vcore	Nor		\$.74 Volts	Threathol	ds for this sensor			I may Million	DET OFFION
VCCM	Nor	mal	1.52 Volta	1 magnet	AS IVI SHIS SCHOOL			ENC PROV	NET OFFICE
1.05V	Nor		1.069 Volts	Longe N	on-Recoverable (LNR):	4.049 Vot	2 C	Upper Non-Recoverable (UNR):	6.029 Volts
ACCIO_OUT	Nor	mal	1.01 Volts		rfical (LC):	4 259 Vot		Upper Critical (UC)	5.759 Volts
BAT	Nor	mal	3.1 Volta		on-Critical (LNC).	4.5 Voits		Upper Non-Critical (UNC)	5.49 Volts
-3V	Nor		3.36 Volts	1251223	CONTRACTOR -	12210123		XX	
5V	Nor		5.16 Volts						
12V	Nor		12.3 Volts	Graphic	al View of this sense	or's event	5		
PU_FAN1	Nor	mai	1000 RPM	10					
REAR_FANT			Not Available	LNR	(0)				
RNT_FAN1			Not Available						
RNT_FAN2			Not Available	1.0	(0)				
RNT_FAN3		0.00	Not Available	LNC	(0)				
//B Tempera			40 ° C						
R1 Temper			0 * C	UNR	(0)				
PU Temper	ature Nor	mai	38°C	- 00	(11)				
				UNC	(0)				
				Other	100				
				uther.	100				
				Discrete	(0)				

A list of sensor readings will be displayed here. Click on a record to show more information about that particular sensor, including thresholds and a graphical representation of all associated events. Double click on a record to toggle (ON / OFF) the live widget for that particular sensor. You can filter the list to view particular sensors only using the drop-down listbox.

NOTE: N/A represents Not Applicable.

Live Widget

Turn On or Off the live widget for this sensor. This widget gives a dynamic representation of the readings for the sensor.

View this Event Log

Click this button to go the event log page for the viewed sensor.

2.4.2 Event Log

				_			e admin : Longer alle	0.01	efresh	E! Print	Log
lashboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmware Update				HE
Event L	og										
vents genera	ited by the system will b	e logged here. Dout	ele-click on a record t	lo see description.							
All Events			filter by: All Se	nsors 👻			Eve	nt Log	13 even	t entries, 1	page(s)
	nezone O Client Time	mon UEC Officer	CANT+LON				22	e .		1.5	35
	Time Stamp A		for Name A		Sensor Type	Description 4	11551	11	10	1112	110000
13	63/03/2014 11:44		Unknown		System Event	System Reco System Hardy Asserted	nfigured OEM System I ware Failule Entry Adde	id to Au	illiary Lo	g.PEF Act	on-
12	63/03/2014 11:44	15	Unknown		System Event	System Record System Hards Asserted	nfigured, OEM System I ware Failure, Entry Adde	Soct Eve ed to Au	int Unde ceary Lo	ermined g.PEF Act	ion -
11	63/63/2014 03:44	49	Unknown		System Event		nfigured, OEM System I ware Failure, Entry Adde				ion -
10	03/03/2014 03:44	49	Unknown		System Event		nfigured, OEM System I ware Failure, Entry Adde				ion -
9	02/27/2014 18:22	21	FRNT_FAN3		Fan	Lower Non-Cr	ritical - Going Low - Ass	bettee			
8	02/27/2014 18:22	18	FRNT_FAN3		Fan	Lower Non-Ci	ritical - Going Low - Dea	asserted			
7	02/27/2014 18:21	04	FRNT_FAN3		Fan	Lower Non-Ci	ntical - Going Low - Ass	bette			
6	02/27/2014 18:20	59	FRNT_FAN3		Fan	Lower Non-Ci	ritical - Going Low - Dec	ssartes			
5	02/27/2014 18:20	58	FRNT_FAN3		Fan		ritical - Going Low - Ast				
4	02/27/2014 18:20	09	Unknown		System Event	System Reco System Hardy Asserted	nfigured OEM System i ware Failure Entry Adde	loot Ev Id to Au	ullary Lo	g.PEF Act	ion -
					1410-11411-1	System Record	nfigured OEM System 8	loct Ev	int Under	termined	

This page displays the list of events incurred by different sensors on this device. Double click on a record to see the details of that entry. You can also sort the list of entries by clicking on any of the column headers. You can use the sensor type or sensor name filter options to view those specific events logged in the device.

BMC Timezone

Check this option to display the event log entries logged with the BMC Timezone value.

Client Timezone

Check this option to display the event log entries logged with the Client (user's) Timezone value.

UTC Offset

Displays the current UTC Offset value based on which event Time Stamps will be updated. Navigational arrows can be used to selectively access different pages of the Event Log.

Clear All Event Logs

Clear All Event Logs option will delete all existing records for all sensors.

2.4.3 System and Audit Log

ahboard FRU Information Server Health Configuration Remote Control Auto Video Recording Maintenance Firmware Up	date 1
ystem & Audit Logs	
page displays logs of system and audit events for this device (if the options have been configured).	
System Log Audt Log	UTC Offset: (QMT-
iter by: Alert	This Filter: 2 event entri
Event ID: A Time Stamp: A Houtkame: A Description: A	
1 Mar 3 03 16 48 AMBC/SFF4E9FFEF kernet. Helper Module Driver Version 1 2 2 Mar 3 03 16 48 AMBC/SFF4E9FFEF kernet. Copyright (c) 2006 American Megatrenda Inc.	

If configured, these logs will display all the system and audit events that occurred on this device.

NOTE: Logs have to be configured under 'Configuration -> System and Audit Log' in order to display entries.

System Log

Click the System Log tab to view all system events. Entries can be filtered based on their classification levels.

Audit Log

Click the Audit Log tab to view all audit events for this device.

2.5 Configuration

2.5.1 Active Directory Settings



The displayed table shows current configured Role Groups and the available slots. You can modify, add or delete role groups from here. Group domain can be the AD domain or a trusted domain. Group Name should correspond to the name of an actual AD group. To view the page, you must be at least a User. To modify or add a group, you must be an Administrator.

NOTE: Free slots are denoted by "~" in all columns for the slot.

Advanced Settings

Click this option to configure the Active Directory Settings. Options are Enable Active Directory Authentication, User Domain name, Time Out and up to three Domain Controller Server Addresses.

Add Role Group

Select a free slot and click 'Add Role Group' to add a new role group to the device. Alternatively, double click on a free slot to add a role group.

Modify Role Group

Select a configured slot and click 'Modify Role Group' to modify that role group. Alternatively, double click on the configured slot.

Delete Role Group

Select the desired role group to be deleted and click 'Delete Role Group'.

2.5.2 DNS Server Settings

RA	ck							American Megatrends
Deshboard	FRU Information	Sorver Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmware Update	Refresh & Print & Logo. HEL
DNS Ser	ver Settings							
Manage DNS s	settings of the device.							
Host Configur								
Host Set		Autor	and the second					
Host Nam	-	AMIBO	SFF4E9FFEF					
Register BMC								
bond0			gister BMC Direct Dynamic DNS	O DHCP Client Fi	DON			
Domain Name	Configuration							
Domain \$	lettings	bond0	_v4 🗸					
Domain N	lame							
Domain Name	Server Configuration							
DNS Serv	er Settings	bond0	~					
IP Priority		• PV	4 0 IPv6					
DNS Serv	wert .	168.95	1.1					
DNS Serv	wr2	168.95	192.1					
DNS Serv	ver3							

This page is used to configure the Host name and Domain Name Server configuration of the device.

Host configuration

Host Settings

Choose either Automatic or Manual settings.

Host Name

It displays the hostname of the device if Auto is selected. If the Host setting is chosen as Manual, then specify the hostname of the device.

Register BMC

Choose the BMC's network port to register with the DNS settings. Check the option 'Register BMC' to register with the DNS settings. Choose the option 'Direct Dynamic DNS' to register with direct dynamic DNS or choose 'DHCP Client FQDN' to register through a DHCP server.

Domain Name Configuration

Domain Settings

It lists the options for the domain interface as Manual, v4 or v6 for multi LAN channels.

Domain Name

It displays the domain name of the device if Auto is selected. If the Domain setting is chosen as Manual, then specify the domain name of the device.

Domain Name Server Configuration DNS Server Settings

It lists the options for the DNS interface, Manual and available LAN interfaces.

IP Priority

If the IP Priority is IPv4, it will have 2 IPv4 DNS servers and 1 IPv6 DNS server. If the IP Priority is IPv6, it will have 2 IPv6 DNS servers and 1 IPv4 DNS server.

NOTE: This is not applicable for Manual configuration.

DNS Server 1, 2 & 3

Specify the DNS (Domain Name System) server address to be configured for the BMC.

- An IPv4 Address is made of 4 numbers separated by dots as in "xxx.xxx.xxx.xxx".
- Each number ranges from 0 to 255.
- The first number must not be 0.

DNS Server Address will support the following:

- IPv4 Address format.
- IPv6 Address format.

Save

Click 'Save' to save any changes made. You will be logged out of current UI session and will need to log back in.

Reset

Reset the modified changes.

2.5.3 System Event Log



This page is used to configure the System Event log information.

Current Event Log Policy

It will display the configured Event Log Policy.

Linear Event Log Policy

Check this option to enable the Linear System Event Log Policy for the Event Log.

Circular Event Log Policy

Check this option to enable the Circular System Event Log Policy for the Event Log.

Save

Click 'Save' to save the configured settings.

Reset

2.5.4 Images Redirection

			-				+ admin (Assessments)	i C Refresh 🖸 Pr	ret Log
estiboard	FRU Information	Sorver Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmware Update		H
	Redirection								
nages i	(tean couon								
		nages from remote s	vstem and perform n	edirection. Remote Me	dia is currently disabled. To co	nfigure Remote Me	da Settnos, Click on		and Postine
	is used to mount the im	nages from remote a	ystem and perform n	edirection. Remote Me	dia is currently disabled. To co	nfigura Remote Me	da Settings. Click on	Advanc	ed Setting
mote Media	is used to mount the im	nages from remote s	ystem and perform n	edirection. Remote Me	dia is currently disabled. To co	nfigure Remote Me	da Settings. Click on	Advance Number of available	colores and
mote Media	is used to mount the im	nages from remote s binage Type		edirection. Remote Me	dia is currently disabled. To co image Name	ntigura Remote Me		Vesselaute	colores and
mote Media Ivanced Sett	is used to mount the im			edirection. Remote Me		ntigure Remote Me		Number of availab	colores and
mote Media avanced Sett	is used to mount the im	image Type		edirection. Remote Me		nfigure Remote Me		Number of availab	

The displayed table shows configured images on BMC. You can add or replace the images from here to the remote media. Only one image can be configured for each image type. To configure the image, You need to enable Remote Media support using 'Advanced Settings'. To add or replace an image, you must have Administrator Privileges.

NOTE: Free slots are denoted by "~".

Start/Stop Redirection

Select a configured slot and click 'Start Redirection' to start the remote media redirection. It is a toggle button, if the image is successfully redirected, then click the 'Stop Redirection' button to stop the remote media redirection.

Add Image

Select a free slot and click 'Add Image' to configure a new image to the device. Alternatively, double click on a free slot to add an image.

Replace Image

Select a configured slot and click 'Replace Image' to replace the existing image. Alternatively, double click on the configured slot.

Delete Image

Select the desired image to be deleted and click 'Delete Image'.

NOTE: Redirection needs to be stopped to replace or delete the image.

2.5.5 LDAP/E-Directory Settings

			-				Cadmin (Automotive) C Refresh	h E Print Lo
bishboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmware Update	H
DAP/E-	Directory Se	ttinas						
DAP/E-Direct	tory is currently disabled	d. To enable LDAPR	E-Directory and config	ure its settings. Click o	n 'Advanced Settings' button.		5	Advanced Setting
						the list and proce I	and the second	and which contrast the
he list below :		of configured Role G	roups. If you would like			the list and press t	Delete Role Group or Modity Role Gro	and which contrast the
he list below :	shows the current list of	of configured Role G	roups. If you would like			the list and press I	Delete Role Group or Modify Role Gro	and which contrast the
he list below :	shows the current list o an unconfigured slot an	of configured Role G	roups. If you would like	e to delete or modify a		the list and press l	Delete Role Group or Modify Role Gro	oup. To add a new R
he list below i iroup, select a	shows the current list o an unconfigured slot an	of configured Role G nd press Add Role G	roups. If you would like	e to delete or modify a	role group, select the name in	the list and press l	Delete Role Group or Modify Role Gro Number of con	oup. To add a new R
he list below i iroup, select a	shows the current list o an unconfigured slot an	of configured Role G Id press Add Role G Group Name - A	roups. If you would like	e to delete or modify a	role group, select the name in	the list and press l	Delete Role Group or Modify Role Gro Number of con	oup. To add a new R
ne list below i roup, select a	shows the current list o an unconfigured slot an	of configured Role G Ind press Add Role G Group Name - 4	roups. If you would like	e to delete or modify a	role group, select the name in roup Sourch Bane 13	the list and press I	Delete Role Group or Modify Role Gro Number of con Group Priviloge	oup. To add a new R
he list below i iroup, select a	shows the current list o an unconfigured slot an	of configured Role G nd press Add Role G Group (Name - 3)	roups. If you would like	e to delete or modify a	role group, select the name in roup: Search: Baxe _a _ =	the list and press I	Delete Role Group or Modify Role Gro Number of con Group Privilege - -	oup. To add a new R

The displayed table shows the configured Role Groups and available slots. You can modify or add/delete role groups from here. The Group Search Base can be any path from where a Group is located to the Base DN. The Group Name should correspond to the name of an actual LDAP/ E-Directory group. To view the page, the user must at least be a User. To modify or add a group, the user must be an Administrator.

NOTE: Free slots are denoted by "~" in all columns for the slot.

Advanced Settings

Click this option to configure LDAP/E-Directory Advanced Settings. Options are Enable LDAP/E-Directory Authentication, IP Address, Port, Bind DN, Password and Search base.

Add Role Group

Select a free slot and click 'Add Role Group' to add a new role group to the device. Alternatively, double click on a free slot to add a role group.

Modify Role Group

Select a configured slot and click 'Modify Role Group' to modify that role group. Alternatively, double click on the configured slot.

Delete Role Group

Select the desired role group to be deleted and click 'Delete Role Group'.

2.5.6 Mouse Mode Settings



The Redirection Console handles mouse emulation from the local window to the remote screen using either of the two methods. Only 'Administrator' has the right to configure these options.

- Relative Mouse mode
- Absolute Mouse mode
- Other Mouse mode

Relative Mouse mode

The Relative mode sends the calculated relative mouse position displacement to the server. To select this mode select the "Set mode to Relative" option.

Absolute Mouse mode

The absolute position of the local mouse is sent to the server. To select this mode select the "Set mode to Absolute" option.

Other Mouse mode

Select Other Mode to have the calculated displacement from the local mouse in the centre postion, sent to the server. Use this mode for SLES 11 Linux OS installation.

Save

Click 'Save' to save any changes made.

Reset

2.5.7 Network Settings

ASRock R/ick							American Megatrends
Deshboard FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmwarn Update	Refresh C Print Logist
Network Settings							
Manage network settings of the device							
LAN Interface		bond0	V				
LAN Settings		Enable					
MAC Address		BC 5F F4 E9 FF E	F				
IPv4 Configuration							
Obtain an IP address automatic	ally	Use SHCP					
IPv4 Address		192.168.30.44					
Subnet Mask		255-255.255.0					
Default Gateway		192, 168, 30, 1					
IPv6 Configuration							
IPv6 Settings		Enable					
Obtain an IP address automatic	ally	Use DHCP					
IPv6 Address							
Subnet Prefix length		0					
Default Gateway		-					
VLAN Configuration							
VLAN Settings		Enable					
		(a					

This page is used to configure the network settings for available LAN channels.

LAN Interface

Select the LAN interface to be configured.

LAN Settings

Check this option to enable LAN support for the selected interface.

MAC Address

This field displays the MAC address of the selected interface (read only).

IPv4 Configuration

It lists the IPv4 configuration settings.

Obtain an IP address automatically

Enable 'Use DHCP' to dynamically configure the IPv4 address using Dynamic Host Configuration Protocol (DHCP).

IPv4 Address, Subnet Mask, Default Gateway

If DHCP is disabled, specify a static IPv4 address, Subnet Mask and

Default Gateway to be configured for the selected interface.

- An IP Address consists of 4 sets of numbers separated by dots as in "xxx.xxx.xxx.xxx".
- Each set ranges from 0 to 255.
- The first Number must not be 0.

IPv6 Configuration

It lists the IPv6 configuration settings.

IPv6 Settings

Check this option to enable IPv6 support for the selected interface.

Obtain an IP address automatically

Enable 'Use DHCP' to dynamically configure the IPv4 address using Dynamic Host Configuration Protocol (DHCP).

IPv6 Address

Specify a static IPv6 address to be configured for the selected interface.

Subnet Prefix length

Specify the subnet prefix length for the IPv6 settings. • Value ranges from 0 to 128.

Default Gateway

Specify the v6 default gateway for IPv6 settings.

VLAN Configuration

It lists the VLAN configuration settings.

VLAN Settings

Check this option to enable VLAN support for the selected interface.

VLAN ID

Specify the Identification for VLAN configurations. • Value ranges from 2 to 4094.

NOTE: VLAN ID cannot be changed without resetting the VLAN configuration. VLAN ID 0, 1, 4095 are reserved VLAN ID's.

VLAN Priority

Specify the priority for VLAN configurations. • Value ranges from 1 to 7.

NOTE: 7 is the highest priority for VLAN.

Save

Click 'Save' to save any changes made. You will be prompted to log out of the current UI session and log back in at the new IP address.

Reset

2.5.8 Network Bonding Configuration



This page is used to configure the network bonding configuration for network interfaces.

NOTE: A minimum of 2 network interfaces are required to enable Network bonding for the device.

Network Bonding

Check this option to enable network bonding for network interfaces.

NOTE: If VLAN is enabled for slave interfaces, then Bonding cannot be enabled. VLAN can be disabled under Configuration -> Network -> VLAN.

Default Interfaces

Choose any one of the bonding interfaces for configuring active slave(s).

Auto Configuration

Enable this option to configure the interfaces in service configuration automatically.

NOTE: If Auto configuration is disabled, then interfaces in services can be configured via IPMI command. If Auto configuration is enabled, then all the services will be restarted automatically.

Save

Click "Save" to save the current changes.

NOTE: Disabling bonding will disable the Bonding-VLAN configuration.

Reset

2.5.9 Network Link Configuration

	CONTRACTOR OF THE	1210172/072022020		CONTRACTOR	WALLSIAD DU SACHEANNAARS	AN ACCOUNT OF	• edmin (Linearcon) (C. R	
Destriboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmware Update	HEI
	k Link Config							
retwon	K LINK Connig	iration						
tanage netw	ork link settings of the d	evice.						
LAN Inte	stace		eth0 🗸					
Auto Ne	gotiation		ON OFF					
Link Spi	red		100 Mtsps	~				
				~				

This page is used to configure the network link configuration for available network interfaces.

LAN Interface

Select the required network interface from the list to which the Link speed and duplex mode is to be configured.

Auto Negotiation

This option is enabled to allow the device to perform automatic configuration to achieve the best possible mode of operation (speed and duplex) over a link.

Link Speed

Link speed will list all the supported capabilities of the network interface. It can be 10/100/1000 Mbps.

Duplex Mode

Select any one of the following Duplex Modes.

- Half Duplex
- Full Duplex

Save

Click 'Save' to save the settings.

Reset

2.5.10 NTP Settings

			Configurat	ion Remote Control	Auto Video Recording	Maintenance	Firmware Update	HEL
NTP Settings								
Contraction Contraction Contraction	oure the NTP se	erver or view an	id modify the day	ice's Date & Time settings.				
Date:	March			2014 ~				
Time: (htt:mm:sa)	-11	52	49					
UTC Timezone:	(GMT+/-8)	~)	Hour(s)					
NTP Server:	pool.ntp.org							

This page displays the device's current Date & Time Settings. It can be used to configure either Date & Time or NTP (Network Time Protocol) server settings for the device.

Date

Specify the current Date for the device.

Time

Specify the current Time for the device.

NOTE: As a year 2038 problem exists, the acceptable date range is from 01-01-2005 to 01-18-2038.

NTP Server

Specify the NTP Server for the device. Check the 'Automatically synchronize' option to configure the NTP Server. The NTP Server will support the following:

- IP Address (Both IPv4 and IPv6 format).
- FQDN (Fully qualified domain name) format.

UTC Offset

UTC Offset list contains the UTC offset values for the NTP server, which can be used to display the exact local time.

NOTE: Use the correct UTC offset after adjusting for DST.

Automatically synchronize

Check this option to automatically synchronize Date and Time with the NTP Server.

Refresh

Click 'Refresh' to reload the current date & time settings.

Save

Click 'Save' to save any changes made.

Reset

2.5.11 PAM Ordering

shboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Hadmin Hamman C Firmwarn Update	Kerresh kë Prist - Lo H
AM Or	dering							
	used to configure the Pi	AM Ordering for the s	ser authentication.					
_								
_	(PM)							
<u> </u>	LDAP	*						
-	Carr	*						
1	tive Directory							

This page is used to configure the PAM order for user authentication into the BMC.

PAM Module

It shows the list of available PAM modules supported in BMC.

Move Up

Click on the required PAM module, it will be selected. Click on the 'Move Up' option to move the selected PAM module one step before the existing PAM module.

Move Down

Click on the required PAM module, it will be selected. Click on the 'Move Down' option to move the selected PAM module one step after the existing PAM module.

Save

Click 'Save' to save any changes made.

NOTE: Whenever the configuration is modified, the web server will be restarted automatically. The logged session will be logged out.

Reset

2.5.12 PEF Management

iboard FRU inf				• admin (Administration) C Refresh 22 P	nat L
	ormation Server Health C	Configuration Remote Control	Auto Video Recording Maintenance	Firmwarn Update	
F Managem	ent				
this page to configur F. Event Filter		Destination. To delete or modify a entry, se i Destination	lect if in the list and press "Delete" or "Modify"	To add a new entry, select an unconfigured s	iot and pre
				Configured Event Filb	ir count:
PEFID A	Filter Configuration - a	Event Filter Action -5	Event Sevenity A	Sensor Name ->	
2					
3	Enabled	[Alert]	Unspecified	Any	
4	Enabled	[Alert]	Unspecified	Any	
5	Enabled	[Alert]	Unspecified	Anv	
6	Enabled	[Alert]	Unspecified	Anv	
7	Enabled	[Alert]	Unspecified	Any	
8	Enabled	[Alert]	Unspected	Any	
9	Enabled	[Alert]	Unspecified	Алу	
	Enabled	(Aiert)	Unspecified	Any	
10	Enabled	(Alert)	Unspecified	Any	
		[Alert]	Unspecified	Am	
10 11	Enabled				
10	Enabled		Unspecified		
10 11 12		(Alert)		Arry Arry	
10 11 12 13	Enabled		Unspected Unspected Unspected	Алу Алу Алу	

This page is used to configure the Event Filter, Alert Policy and LAN Destination. To view the page, the user must at least be an Operator. To modify or add a PEF, the user must be an Administrator.

NOTE: Free slots are denoted by '~' in all columns for the slot. For more information, refer the Platform Event Filtering (PEF) section in IPMI Specification.

Event Filter

Click the Event Filter tab to show configured Event filters and available slots. You can modify or add new event filter entries here. A maximum of 40 slots are available and include the default of 15 event filter configurations.

Alert Policy

Click the Alert policy tab to show configured Alert policies and available slots. You can modify or add new alert policy entries here. A maximum of 60 slots are available.

LAN Destination

Click the LAN Destination tab to show configured LAN destinations and available slots. You can modify or add new LAN destination entries here. A maximum of 15 slots are available.

Send Test Alert

Select a configured slot in the LAN Destination tab and click 'Send Test Alert' to send a sample alert to the configured destination.

NOTE: Test alerts can be sent only with SMTP configurations set to enabled. SMTP support can be enabled under Configuration->SMTP.

Add

Select a free slot and click 'Add' to add a new entry to the device. Alternatively, double click on a free slot.

Modify

Select a configured slot and click 'Modify' to modify that entry. Alternatively, double click on the configured slot.

Delete

Select the desired configured slot to be deleted and click 'Delete'.

2.5.13 RADIUS Settings

Destiboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmware Update	Refresh 🖓 Print 🥌 Loginu HEL
RADIUS	S Settings							
							1999-40-60	
				information to access to	he RADIUS server. Press the 5	Save button to save	your changes.	
RAD	NUS Authentication	🗌 Enable	•					
Port		1812						
	Out	3	seconds					
Tame	e Out er Address	3	seconds					

To enable/disable RADIUS, check or uncheck the "RADIUS Authentication" Enable checkbox respectively.

NOTE: Generic FreeRADIUS alone is supported.

RADIUS Authentication

Check the option 'Enable' to enable RADIUS authentication.

Port

Specify the RADIUS Port.

- The default Port is 1812.
- Port value ranges from 1 to 65535.

Time Out

Specify the Time out value.

- The default Time out value is 3 seconds.
- Time out value ranges from 3 to 300.

Server Address

Enter the 'IP address' of the RADIUS server

- An IP Address is made of 4 numbers separated by dots as in "xxx.xxx.xxx.xxx".
- Each Number ranges from 0 to 255.
- The first Number must not be 0.

The server address will support the following:

- IPv4 Address format.
- IPv6 Address format.

Secret

Enter the 'Authentication Secret' for RADIUS server

- Secret must be at least 4 characters long.
- · Space is not allowed.

NOTE: This field will not allow more than 31 characters.

Save

Click 'Save' to save the settings.

Reset

2.5.14 Configure Remote Session

	lock ck							American Megatrends
Deshboard	FRU Information	Sorver Health	Configuration	Remote Control	Auto Video Recording	Maintenance	+ admin (Linearcon) () Firmware Update	T Refresh 🖸 Print 🥌 Logout HELF
and the second s	are Remote Se							
Virtual N	ised to contigure virtual Media Attach Mode	Auto Atta		edirection session.				

This page is used to configure virtual media configuration settings for the next redirection session.

Virtual Media Attach Mode

Two types of VM attach modes are available:

• Attach - Immediately attaches Virtual Media to the server upon bootup.

• Auto Attach - Attaches Virtual Media to the server only when a virtual media session is started.

Save

Click 'Save' to save the current changes.

NOTE: It will automatically close the existing remote redirection either KVM or Virtual media sessions, if any.

Reset

2.5.15 Services

			-			10	admin (Alexandra) - C. Re	fresh 🕄 Print 👘 Log
lashboard	FRU Information	Server Health	Configuration	Remote Control Auto	Video Recording	Maintenance	Firmware Update	H
Service	25							
		the RMC it shows to	ment status and other t	basic information about the s	rvices. Select a slot a	nd press "Modify" bu	tion to modify the services con-	fouration
elow is a lit	at or services ranning on	and allow a short of				1970 - 1970 1970 - 1970	22	Number of Services:
	Service Name	Current State	Interfaces .4	Nonsecure Port -A	Securi Port 4	Timeout		
								Number of Services:
	Service Name _>	Current State	Interfaces A	Nonsecure Port A	Secure Port - 4	Timeout	A Maximum Sessions	Number of Services:
1 2	Service Name>	Correct State - 3 Active	binder forces a 4	Nonsecure Port -A 80	Secure Port #A 443	Timeoutie 1800	 Maximum Sessions 20 	Number of Services:
1 2	Service Name seb kvm	Active Active	Interfaces 4 bond3 bond0	Nonsecure Port -A 80 7578	Secure Portaga 443 7582	Timeout 1800 N/A	 Maximum Sessions 20 	Number of Services. Autovo Services. 5 0
1 2 3	Service Name seb kvm cd-media	Current State	bonda bonda bonda bonda	Nonsecute Port - 3 80 7578 5120	5450m Port 443 443 7582 5124	Timeout 1809 N/A N/A	 Maximum Sessions 20 	Number of Services: Active Network 5 0 0
1 2 3 4	Servico Name	Current State	Interfacios -4 bond9 bond0 bond0 bond9	Nonscoure Port - 4 80 7578 5120 5122	560000 Port 443 443 7582 5124 5126	Timesul 1809 N/A N/A N/A	 Maximum Sessade 20 2 1 1 	Number of Services: Active Sessions 5 0 0 0 0

This page is used to display the basic information about services running in the BMC. To modify a service, the user must be an Administrator.

Modify

Select a slot and click 'Modify' to modify the configuration of the service. Alternatively, double click on the slot.

NOTE: Whenever the configuration is modified, the service will be restarted automatically. Users have to close the existing opened session for the service if needed.

2.5.16 SMTP Settings

RA	ock k							American Megatrends
Destiboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	• admin successor G Firmwarn Update	Refresh C Print - Logout HELL
SMTP Se	ettings							
Manage SMTP	settings of the device.							
LAN Char	nel Number	1	~					
Sender Ad	odress							
Machine N	Vame							
Primary SMTP	Server							
SMTP Sup		🗹 End	tile					
Server Ad	dress							
SMTP	Server requires Auth	ventication						
User Name	0							
Password	ř.							
Secondary SM	TP Server							
SMTP Sup	port	En En	abie					
Server Ad	dress							
	Server requires Auth	ventication						
User Name	e							
Password	12							

This page is used to configure the SMTP settings.

LAN Channel Number

Select the LAN channel to which the SMTP information needs to be configured.

Sender Address

Enter the 'Sender Address' valid on the SMTP Server.

Machine Name

Enter the 'Machine Name' of the SMTP Server.

- Machine Name is a string of maximum 15 alpha-numeric characters.
- Space, special characters are not allowed.

Primary SMTP Server

It lists the Primary SMTP Server configuration.

SMTP Support

Check this option to enable SMTP support for the BMC.

Server Address

Enter the 'IP address' of the SMTP Server. It is a mandatory field.

- An IP Address is made of 4 numbers separated by dots as in "xxx.xxx.xxx.xxx".
- Each Number ranges from 0 to 255.
- The first Number must not be 0.

The server address will support the following:

- IPv4 Address format.
- · IPv6 Address format.

SMTP Server requires Authentication

Check the option 'Enable' to enable SMTP Authentication.

Note: SMTP Server Authentication Types supported are:

- CRAM-MD5
- LOGIN
- PLAIN

If the SMTP server does not support any one of the above authentication types, the user will get an error message stating, "Authentication type is not supported by SMTP Server"

Username

Enter the username to access SMTP Accounts.

- The User Name can be 4 to 64 alpha-numeric characters.
- It must start with an alphabet.
- Special characters ',' (comma), ':' (colon), ';' (semicolon), ' ' (space) and '\' (backslash) are not allowed.

Password

Enter the password for the SMTP User Account.

- Passwords must be at least 4 characters long.
- Space is not allowed.

NOTE: This field will not allow more than 64 characters.

Secondary SMTP Server

It lists the Secondary SMTP Server configuration. It is an optional field. If the Primary SMTP server is not working, then it tries the Secondary SMTP Server configuration.

Save

Click 'Save' to save the new SMTP server configuration.

Reset

2.5.17 SSL Certificate Configuration

							admin (Assessments) C Re	efresh 🔄 Prest 👘
soard FF	RU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmware Update	
Certifi	icate Confi	nuration						
, wertun	icate com	guration						
age is used t	to configure SSL ce	rtificate into the BM	C. Using this, the dev	ice can be accessed in	a secured mode, Upload SSI	option is used to u	pload the certificate and private i	key file into the BMC.
ate SSL opti-	ion is used to gener	ate the SSL certifica	te based on configur	itton details. View SSL	option is used to view the upl	oaded SSL certifica	le in readable format.	
	Gana	rate SSL	View SSL					
Upload 55				11.1				
Current Ce		Thu Jan	1 00:00 00 1970					
Current Ce	ertificate	Thu Jan	1 00:00:00 1970					
	ertificate	Thu Jan	1 00:00:00 1970	8.8	1			
Current Ce	ertificate Scate		1 00 00 00 1970	22				
Current Ce New Certifi	ertificate Scate Ivacy Key			88				

This page is used to upload a new SSL certificate and privacy key.

NOTE: Please check the current BMC time in NTP under the Configuration menu while uploading the SSL certificate.

Current Certificate

The current certificate, uploaded date/time information will be displayed (read only).

New Certificate

Browse and navigate the certificate file.

• The certificate file should be of pem type

Current Privacy Key

The current privacy key, uploaded date/time information will be displayed (read only).

New Privacy Key

Browse and navigate the privacy key file. • The privacy key file should be of pem type

Upload

Click 'upload' to upload the SSL certificate and privacy key into the BMC.

NOTE: Upon successful upload, HTTPs service will be restarted to use the newly uploaded SSL certificate.

2.5.18 System and Audit Log Settings

							• admin [Lamonson] . L	Refresh 🔄 Print 🔤 Logi
estiboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmwarn Update	HE
vetom	and Audit Lo	a Sattinge						
ystem	and Audit Lo	g settings						
nable and co	intigure logging of syste	em events below. C	or you can enable/disal	tie logging of audit ever	nts. Press the Save button to s	ave your changes.		
System L	.og	R Enable						
System L Log Type		Enable	Remote Log					
			Remote Log					
Log Type	e (in bytes)	● Local Log C	Remote Log					
Log Type File Size	i (in bytes) ount	● Local Log C	Remote Log					

This page is used to configure the System and Audit log settings.

System Log

Check the option 'Enable' to enable system logs.

Log Type

Select the Log type for system logs, whether it should be preserved in a local file or on a remote server. Local file resides at /var/log/.

File Size

If Local log is selected, specify the size of the file in bytes.

• Size ranges from 3 to 65535.

Rotate Count

When logged information exceeds the specified file size, the old log information automatically gets moved to backup files based on the rotate count value. If the rotate count is zero, the old log information gets cleared permanently each time.

• Value ranges from 0 to 255.

Server Address

Specify the remote server address to log system events. The server address will support the following:

- IP Address (Both IPv4 and IPv6 format).
- FQDN (Fully qualified domain name) format.

Audit Log

Check the option 'Enable' to enable audit log.

Save

Click 'Save' to save the configured settings.

Reset

Click 'Reset' to reset to the previously saved values.

2.5.19 User Management

						• admin : Lamonerator	I C Refresh C	Pret Log
broodra	FRU Information	Sorver Health	Configuration Remote Control	Auto Video Recording	Maintenance	Firmware Update		H
Jser Ma	anagement							
e list below dd User".	v shows the current list o	f available users. To	delets or modify a user, select their name	in the list and press "Delete User	° or "Modify User"	. To add a new user, se	elect an unconfigur	red slot and pres
00.0001							Number of c	onligured users
Unititi	-a U	Internation -1	User Access .3	Nintwork Privileg	4.3		Email ID - a	
UnertD		Kimamo - A nonymous	Disar Access a Disabled	Nintwork Privileg Administrator	4.2		Emeil ID - a	
User® 1 2					H 7.			
User(0) 1 2 3		nonymaus	Disabled	Administrator	H - 7.		-	
Umet() 1 2 3 4		nonymous admin	Disabled Enabled	Administrator Administrator	4 J		-	
Uner10 1 2 3 4 5		nonymous admin -	Disabled Enabled	Administrator Administrator	4 J		-	
Umerit) 1 2 3 4 5 5		nonymous admin -	Disabled Enabled - -	Administrator Administrator	4_1		-	
UmertD 1 2 3 4 5 6 7		nonymous admin - -	Disabled Enabled - -	Administrator Administrator - -	4_3		-	
User(1) 1 2 3 4 5 5 5 7 8		nonymous admin - - -	Disabled Enabled - - -	Administrator Administrator - - -			-	
User() 1 2 3 4 5 6 7 8 9		nonymous admin - - -	Disabled Enabled - - -	Administrator Administrator - - -	H - 3		-	

The displayed table shows any configured Users and available slots. You can modify or add new users from here. A maximum of 10 slots are available, including the default admin and anonymous. It is advised that the anonymous user's privilege and password should be modified as a security measure. To view the page, you must have Operator privileges. To modify or add a user, You must have Administrator privileges.

NOTE: Free slots are denoted by "~" in all columns for the slot.

Add User

Select a free slot and click 'Add User' to add a new user to the device. Alternatively, double click on a free slot to add a user.

Modify User

Select a configured slot and click 'Modify User' to modify that user. Alternatively, double click on the configured slot.

Delete User

Select the desired user to be deleted and click 'Delete User'.

2.5.20 Virtual Media Devices

			The section of the section of the				e admin (Accounts) (a.C. Refr	
lastiboard	FRU Information	Server Health	Configuration	Remote Control	Auto Video Recording	Maintenance	Firmware Update	HEL
/irtual I	Media Device:	8						
	option will allow to conf	gure virtual media d	evices.					
Floppy o	devices	1	~					
		1.	v					
CD/DVD	devices							
	i devicas k devices	1	~					

Use this page to configure Virtual Media device settings.

Floppy devices

Select the number of floppy devices that support Virtual Media redirection.

CD/DVD devices

Select the number of CD/DVD devices that support Virtual Media redirection.

Hard disk devices

Select the number of hard disk devices that support Virtual Media redirection.

SD Media Support

Check this option to enable SD Media support in BMC.

Save

Click 'Save' to save the configured settings.

Reset

Click 'Reset' to reset the previously-saved values.

2.6 Remote Control

2.6.1 Console Redirection



Launch the remote console redirection window from this page. To launch it, you must have Administrator privileges.

NOTE: A compatible JRE must be installed in the system prior to the launch of the JNLP file.

Java Console

Click 'Java Console' which will cause the jviewer.jnlp file to be downloaded. Once the file is downloaded and launched, a Java redirection window will be displayed.

2.6.2 Power Control and Status



This page helps you to view or perform any host power cycle operations.

Reset Server

Select this option to reboot the system without powering off (warm boot).

Power Off Server - Immediate

Select this option to immediately power off the server.

Power Off Server - Orderly Shutdown

Select this option to initiate operating system shutdown prior to the shutdown.

Power On Server

Select this option to power on the server.

Power Cycle Server

Select this option to first power off, and then reboot the system (cold boot).

Perform Action

Click 'Perform Action' to perform the selected option.

2.6.3 Java SOL

HELP	* admin (is more the) and a							
HELP	Firmware Update	Maintenance	Auto Video Recording	Remote Control	Configuration	Server Health	FRU Information	Destiboard
							1	Java SO
							PL.	Java SO

Launch the Java SOL, you must have Administrator privileges.

NOTE: A compatible JRE must be installed in the system prior to the launch of the JNLP file.

2.7 Auto Video Recording

2.7.1 Triggers Configuration

/ISRe R/IC	k k								America Megatren
est-board	FRU Information	Server Heal	th Con	Aguration	Remote Control	Auto Video Recording	Maintenance	+ admin (Firmware Update	Refresh & Print & Log Hil
friggers (Configuratio	on							
tis page allows	the user to configure	e which events a	ill trigger the	e auto video r	recording function of th	e KVM server			
Tempe	erature/Voltage Crit	ical Events				E	Temperature/Vo	tage Non Critical Events	
Tempe	erature/Voltage Non	Recoverable E	vents			E	Fan state chang	ed Events	
🗆 Watch	dog Timer Events					E	Chassis Power	an Event	
Chass	is Power off Event					C	Chassis Reset E	went	
Pertice	ular Date and Time	Event							
Date:	March	~	3 7	2014	×	E	LPC Reset Even		
Time: (hh.mm.a	12	00	32						
									Save Res

Configure which events on the page will trigger the auto-video recording option to start.

NOTE: Maximum of 2 video files can be recorded in BMC.

Event List

You can check/uncheck a box to add/remove that trigger for your system.

Save

Click 'Save' to save any changes made.

NOTE: KVM service should be enabled (under 'Configuration -> Services') to perform auto-video recording.

Reset

2.7.2 Video Recording



This page displays the list of available recorded video files on the BMC. The various fields of Recorded Video are given below:

: The serial number.

File Name : The video filename.

File Information : Day, date and time of video upload.

NOTE: A maximum of 2 video files can be recorded in BMC.

Play Video

Select a video and click the Play Video button to play the video file in the Java Application.

Download

Select a video and click the Download button to download and save the video file in the client machine. The video will be downloaded in (.avi) format.

Delete

Click the Delete button to delete the selected video file.

2.8 Maintenance

2.8.1 Preserve Configuration

Admin Lower Health Configuration Remote Control Auto Video Recording Maintenance Firmware Update										
estiboard	FRU Information	Server Health Conlig	guration Remote Cor	trol Auto Video Recording	Maintenance	Firmware Update				
reserv	e Configurati	on								
tis page allo	ows the user to configure	the preserve configuration its	ems, which will be used by t	e Restore factory defaults to prese	rve the existing confi	guration without overwriting with	default configuration.			
lick here to	o oo to Firmware Upda	te or Restore Factory Defau	itts							
inch thirty is	o do to fattore e opera	of or Designed activity of the				More	ber of Preserved Itams			
			Configuration Boot 3							
1		Preserve	Configuration tiens - A			Preserve Status				
1		Préserve	SOR			Preserve Status				
1 2 3		Proserve				Preserve Status				
1 2 3 4		Proserve	SDR FRU			Preserve Status				
1 2 3 4 5		Prinserve	SDR FRU SEL			Preserve Status				
1 2 3 4 5 6		Proserve	SDR FRU SEL IPME			Preserve Status				
1 2 3 4 5 6 7		ii:: Présserve	SDR FRU SEL IPMI Network			Preserve Status				
1 2 3 4 5 6		::-Proserve	SDR FRU SEL IPM Network NTP			Preserve Status				
1 2 3 4 5 6 7		::Présarve	SDR FRU SEL IPM Network NTP SNMP			Preserve Status				

Check which configurations need to be preserved, while Restore Factory Defaults is done.

Configuration list

You can either check/uncheck a check box to preserve/overwrite the configurations for your system.

Check All

Click this button to check the whole configuration list.

Uncheck All

Click this button to uncheck the whole configuration list.

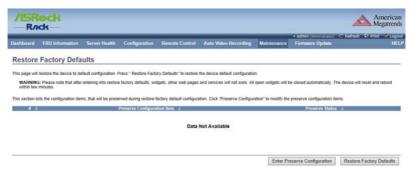
Save

Click 'Save' to save any changes made.

NOTE: This configuration is used by the Restore Factory Defaults process.

Reset

2.8.2 Restore Factory Defaults



This page helps to restore the factory defaults of the device. Please note that after entering restore factory widgets, other web pages and services will not work. All open widgets will be closed automatically. The device will reset and reboot within a few minutes.

Preserve Configuration

Click this to redirect to Preserve configuration page, which is used to preserve the particular configurations not to be overwritten by the default configuration.

Restore Factory Defaults

Click this to restore the firmware with default configurations.

2.8.3 System Administrator

Destiboard	FRU Information	Sorver Health	Configuration	Remote Control	Auto Video Recording	Maintenance	+ admin Landon C R Firmware Update	etresh 62 Pret - Logo HEL
System	Administrato	r						
This page allo	ows the user to enable/d		lange the password t	for the System Administ	trator account.			
Usernam		sysadmin						
Userman		sysaching						
User Act	cess	Enable						
User Act	cess	baller similar	assword					
User Act	cess	Enable	assword					

This page is used to configure the System Administrator configurations.

Username

Username of the System Administrator is displayed (read only).

User Access

Check this option to enable user access for the system administrator.

Change Password

To change the user's password, check the 'Change Password' option. This will enable the password fields.

Password, Confirm Password

Enter and confirm the new password here.

- Passwords must be at least 8 characters long.
- · Space is not allowed.

NOTE: This field will not allow more than 64 characters.

Save

Click 'Save' to save the new configuration for the system administrator.

Reset

2.9 Firmware Update

2.9.1 Firmware Update

			+ admin the material C 4	kefresh 🕄 Print
ooard FRU Information	Server Health Configuration Remote Control Auto Video Re-	ording Maintenance	Firmware Update	
nware Update				
de firmware of the device. Pres	ss "Enter Update Mode" to put the device in update mode.			
d, the device will reset	ntering update mode widgets, other web pages and services will not work. All open w will preserve all the configuration settings during the firmware update - imspective o	-		
rd, the device will reset Preserve all Configuration. This	will preserve all the configuration settings during the firmware update - irrespective o preserved by default during a restore factory default operation. Click "Enter Preserve	The individual items marked	as preserveloverwrite in the lat Preserve status settings	
d, the device will reset Preserve all Configuration. This ofiguration items below will be p	will preserve all the configuration settings during the firmware update - irrespective o	The individual items marked	as preserveloverwrite in the lat	
d, the device will reset Preserve all Configuration. This ofiguration items below will be p	will preserve all the configuration settings during the firmulare update - irrespective o preserved by default during a restore factory default operation. Click "Enter Preserve Preserver Configuration item	The individual items marked	as preserveloverwrite in the lat Preserve status settings. Preserve status 1.1	
d, the device will reset Preserve all Configuration. This ofiguration items below will be p	will preserve all the configuration settings during the firmware update - irrespective o preserved by default during a reaction factory default operation. Citck "Enter Preserve I valence extendigmations us SDR	The individual items marked	as preserve loverwrite in the tat Preserve status settings. Preserve status settings Overwrite	
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This wizard takes you through the process of firmware upgrades. A reset of the box will automatically follow whether the upgrade is completed or cancelled. An option to Preserve configuration will be presented. Enable the option, if you wish to preserve configured settings through the upgrade.

Enter Preserve Configuration

Click this to redirect to the Preserve configuration page, which is used to preserve the particular configurations not to be overwritten by the default configuration.

Enter Update Mode

Click 'Enter Update Mode' to upgrade the current device firmware.

2.9.2 Image Transfer Protocol

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This page is used to configure the firmware image protocol information.

Protocol Type

Protocol type to transfer the firmware image into the BMC.

Server Address

The Server IP address of the firmware image is stored.

- An IP Address is made of 4 numbers separated by dots as in "xxx.xxx.xxx.xxx".
- Each number ranges from 0 to 255.
- The first number must not be 0.

Source Path

Full Source path with filename of where the firmware image is stored.

Retry Count

Number of time(s) to be retried when transfer failure occurs. Retry count ranges from 0 to 255.

Save

Click 'Save' to save the configured settings.

Reset