Live**Action**

LiveWire Grid

QUICK GUIDE



About Grid

Grid is an SaaS based cloud service provided as part of the LiveWire maintenance subscription for managing, configuring, and monitoring certain aspects of LiveWire devices, both physical appliances and virtual. Grid is the preferred way to manage and configure one or more LiveWire appliances from a single pane of glass in the cloud.

This guide describes how Grid works in conjunction with your network and LiveWire device. Additionally, instructions for setting up and using Grid with your LiveWire device are also included.

Grid is a completely new implementation of the DMS (Device Management Service) SaaS offering.

Grid Portal

Grid portal is hosted in the cloud at *https://grid.liveaction.com/*. Grid portal displays all of a customer's LiveWire devices, both physical and virtual, in an interactive list. From the Grid portal many aspects of the LiveWire devices can be configured individually, as well as in bulk.

Grid on LiveWire

The DMS service running on the LiveWire device is the liaison between Grid portal and the LiveWire device. The DMS service is enabled by default, but can be enabled or disabled from the LiveAdmin Utility on the LiveWire device. See *Enabling Grid Support* on page 26.

Grid Communications

The diagram below illustrates how communication flows between LiveWire and Grid.

LiveWire and Grid portal both communicate through a well-defined REST-API over HTTPS. If necessary, LiveWire can also be configured to use a proxy server using LiveAdmin.

All communications between LiveWire devices and Grid portal are initiated by the device. In other words, from the LiveWire point of view communication is outbound only. This is more secure, and practical, since most enterprise networks allow connections to be done from the inside-out, but not from the outside-in. This means that all actions initiated by the user through Grid portal are queued up until the device connects to Grid and requests the

configuration. The default interval for how often LiveWire checks the Grid for configuration changes is 10 minutes. The interval can be changed using the LiveAdmin utility.



DMS - Communication Overview

Grid Registration

When a LiveWire is purchased, it is entered into Grid automatically, and associated with the customer account. If it is the first LiveWire the customer has purchased, the account is created, and an email invite will be sent with a link to login to the Grid portal account.

When a LiveWire device is first connected to the network and either gets an IP automatically through DHCP or is given a static IP address, it will reach out to Grid portal and register itself. During the registration process, Grid will attempt to activate the LiveWire, and Grid will return any configuration changes that were made using the DMS portal.

When a user logs in to Grid portal they will see all of their LiveWire devices. Even if the devices have not been connected to the network, configuration changes can still be made to the device. When the device does connect to Grid portal, the configuration changes will be applied to the LiveWire.

Grid Automatic Activation

During the registration process, Grid portal will automatically activate the LiveWire. The result of the activation is a license file that is installed onto the device. With the license installed, the user will not have to perform this process manually the first time they connect using Omnipeek. Instead, the user will be able to go right to work on creating a capture and using LiveWire.

If the LiveWire is factory reset, it will lose the activation file. In this case, when the LiveWire is given an IP address and registers with Grid portal, it will be given the license file again, and become activated.

Using Grid

Managing and Configuring LiveWire Devices

If you have one or more LiveWire devices, you can use Grid to manage and configure these devices from the cloud. In order to use Grid for the LiveAction appliance, you must first enable the *Enable Centralized Management* option in the LiveAdmin utility as described in *Enabling Grid Support* on page 26.

- **Note** When *Centralized Management* is enabled, you can make local changes to the LiveWire device using the LiveAdmin utility; however, changes made with Grid will overwrite any local changes made with the utility.
- **Note** All Grid communications require that the LiveWire device has Internet access and is able to access various websites including *https://grid.liveaction.com* and *https://mypeek.liveaction.com* using TCP over port 443. If necessary, configure a DNS server to resolve the URLs above.

Additionally, all Grid communications are initiated by the LiveWire device, so it is not necessary to open a port in the firewall for communications.

To use Grid to manage and configure your LiveWire device:

1. Login into Grid at https://grid.liveaction.com.

A LiveWire device record is added to Salesforce and it calls the register call. If the user does not already exist in the associated Okta Org a user is created and the credentials are sent out. Second, when an existing Grid user adds a new user to their account, credentials will be sent out.



Grid Devices Tab

Grid Devices tab displays the LiveWire devices associated with your account. A description of the available options and settings in the Devices tab is provided below.

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Device State

The Device State displays whether the device is able to connect to the DMS portal.

- Up: Displays the number of devices that were able to connect to the Grid portal
- *Down*: Displays the number of devices Grid has not heard from in the last two intervals. The default interval is 10 minutes.
- N/A: Displays the number of devices that are not available to the DMS portal.

Registered Devices

The Registered Devices displays the number of devices that have registered with Grid.

- Present: Displays the number of devices that have registered with Grid.
- None: Displays the number of devices that have not registered with Grid.

Activation Status

The Activation Status displays the number of devices that have been activated.

- Present: Displays the number of devices that have been activated with Grid.
- None: Displays the number of devices that have not been activated with Grid.

Template

Click the *Template* button to select a template to apply to the selected devices. Templates allow you to apply version-specific settings to one or more devices. To create a template or modify an existing template, see *Grid Templates Tab* on page 19.

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Configure

Click the *Configure* button to configure the selected devices. If multiple devices are selected, certain configuration options will not be available and greyed out; for example, the *Device Name*. There are tabs available for configuring *Settings, Time Settings, and Authentication*.

Settings

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- *Device Name*: Displays the unique name given to the device. Type a new name to change the name.
- Host Name: Displays the host name of the device used by DNS.

- *Location*: Displays the general location of the device. Type a new location to change the location. We suggest entering the physical location of the device for the organization. For example, 'Office.'
- Address: Displays the mailing address of the device. For example, 123 Main St., New York, NY.
- End of Life Date: Displays the date when the device should be replaced.
- Asset Tag: Displays the asset tag of the device. Type the asset tag to change it.
- *Notes*: Type any notes to add to the device you are configuring.
- *IP Assignment*: Displays the current IP assignment for the device. You can select either DHCP or Static. If the IP Assignment is DHCP, then the IP assignment is configured automatically via the DHCP server. If the IP Assignment is Static, then the options below are available:
 - **Important!** LiveWire is pre-configured to obtain an IP address automatically from a DHCP server; however, we strongly recommend the use of a static IP address for LiveWire. If DHCP is selected as the *IP Assignment*, and if the address should change on a new DHCP lease, then you must look up the new IP address assigned to LiveWire.
 - **Note** If *DHCP* is selected, you have approximately two minutes to connect LiveWire to your network in order for the DHCP server to assign an IP address. If an IP address is not assigned to LiveWire by the DHCP server within two minutes of being connected to the network, LiveWire defaults to a static address of 192.168.1.21. Please make sure LiveWire is connected to your network within the two minute time period from the time you click *Apply*. If you reboot LiveWire, the two minute clock is also reset.
 - Address: Displays the IP address assigned to the device. Type a new address to change the IP address.
 - *Netmask*: Displays the netmask address assigned to the device. A netmask address, combined with the IP address, defines the network associated with device. Type a new address to change the netmask address.
 - *Gateway*: Displays the gateway address, also known as 'default gateway,' assigned to the device. When the device does not have an IP route for the destination, the IP packet is sent to this address as it does not know how to direct it locally. Only a single default gateway can be defined. Type a new address to change the gateway address.
 - DNS: Enter the address of any DNS (Domain Name Server) servers to add to the configuration. A Domain Name Server translates domain names (e.g., http://www.liveaction.com) into an IP address. To add a DNS server, enter the address of the server, and click Add Server. Multiple DNS name servers can be defined. You can also edit or delete any defined DNS servers.
 - Add Server. Click to add the DNS server to the configuration.
 - DNS Servers: Displays the DNS servers added to the configuration.
 - Edit DNS: Click to edit or update the DNS server in the configuration.
 - Delete DNS: Click to delete the DNS server from the configuration.
- DHCP Timeout: Displays the amount of time (in seconds) the device will wait for a DHCP address.

Time Settings

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- *Time Zone*: Displays the time zone of the device. Select a different time zone to change the time zone.
- *NTP Server*. Enter the address of any NTP servers to add to the configuration, and then click *Add Server*.
- *NTP Servers*: Displays the list of NTP servers added to *Time Settings*. You can click the *Edit* icon to edit an NTP server in the list, or click the *Trash* icon to remove an NTP server from the list.

Authentication

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Grid supports adding users via the portal and these users will receive a welcome email from Okta with a link to login.

Additionally, an admin user can configure SAML based SSO access by navigating to Settings (gear icon) and selecting Settings. Users can follow the instructions on screen and configure their IDP.

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Upgrade

Click the *Upgrade* button to upgrade the selected appliance remotely through Grid. User can choose to upgrade to any newer version than what is running on the device. There is no capability to upgrade to a previously released version.

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- Disable: Select to disable the upgrade on the selected devices.
- *Enable*: Select to enable the upgrade on the selected devices. If you enable the upgrade, you are presented with settings to specify the date and time the upgrade should take place. Because all communications are initiated from the device once every ten minutes, the upgrade will happen as the result of the device communicating with the network, sometime on or after the selected time.
- Apply. Click to save the changes to the selected devices.

Refresh

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Click the *Refresh* button to refresh the list of devices.

Search

Use the *Search* field to locate a specific device in the list of devices. Simply enter a text string to display all appliances that match the text string.

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Display Columns

Click the Display Columns icon and then select the columns you want to display in the list of devices.

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Export to CSV

Click the *Download* icon to export list of devices as a .csv file.

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Live∧cti	ion	Devices	Templates													?	\$ ~	💄 Support (LiveA	uction) \vee
				Device State:		: 27 R	Registered Devices:		Activation Statu	s: Present: 24		Decommissioned	evices: 3	Configuration Status					
Confi	igure	Status Manageme	nt ···												Q Bearch				ك ا

Device Column Headings

Descriptions of the columns displayed in the list of devices are provided below.

Below each of the column headings is either a text box or list box that you can use to filter the devices displayed in the list of Devices. To filter using the text box, simply enter a text string to display the devices that match the text string. To filter using a list box, click the box and select an option to display the devices that match that option.



- Device Serial: Displays the serial number of the device.
- Device Name: Displays the name of the device.
- Host Name: Displays the host name of the device used by DNS.
- *Device State*: Displays whether the device is *Up* or *Down*. A device is up if it has contacted Grid in the last 25 minutes.
- IP Address: Displays the IP address of the device. The IP Address value is a link which can be used to connect directly to Omnipeek running on the device. This makes it easy to use Grid as a launch pad to access all of the devices being managed. It can also be used to discover the IP Address in the case where the device is set to DHCP, or for some other reason the IP Address is not known. The IP Address is provided by the device every time the device connects back to the portal, which by default is every 10 minutes. This way, if the IP Address of the device changes, the IP Address value displayed in the DMS portal will reflect that.
- Model: Displays the model of the device (Edge, 1100, 3100, or Virtual).
- Location: Displays the location of the device.
- *Address*: Displays the address of the device. Typically, this is the mailing address where the device is located.
- Asset Tag: Displays the asset tag of the device.
- *Time Zone*: Displays the time zone of the device.
- *Expiration Date*: Displays the date that the maintenance on the device will expire. Once the expiration date has passed, you can still access Grid and use it to manage most of the device configuration; however, until the maintenance is renewed, the device cannot be upgraded to a newer version. As LiveAction releases new versions a few times a year with significant improvements, we recommend keeping the devices up to date with the latest releases of the software.
- End Of Life Date: Displays the date for when the device should be replaced.
- Notes: Displays any notes entered for the device.
- Version: Displays the version number of the software installed on the device.
- Engine Type: Displays the type of device, which can be LiveWire, LiveCapture, or LiveWire Virtual.
- Shared Users Count. Displays the number of secondary users that have access to the device.
- Scheduled Action(s): Displays any 'Actions' scheduled for the device.
- Configuration Status: Displays any status associated with configuration of the device.
- *Registered*: Displays a check mark if the device has been registered with LiveAction.
- Activation Status: Displays a check mark if the license on the device is valid and not expired.

Change Password

Select the Change Password option to change the password of the selected devices.

••• • • · < >		O	ices/37eb2	405-1437-49d8-a1b3-9e523	b20183b?tab=change-password	¢
	s Templates					
Devices > Capture Engine (e5b732b1-9	90c-499f-a5ed-b7ae2511e970)					
යි Apply Template ඳු Create Template		Change Password Capture Engi	ne (e5b73:	2b1-990c-499f-a5ed-b7ae251	1e970)	
		Current Password				
① Status Management		New Password *		Confirm password *		
A 0						
					Durant Apple	
2+ Hear Annaes					Revert	
쁆 SNMP						
器 IDRAC Settings						
③ Backup Settings						
📾 Restore Backup						
C Revisions						
(-) JSON						
() Upgrade Settings						
Change Password						

- Current Password: Enter the current password.
- New Password: Enter the new password. The new password must meet the following requirements:

Must have 5 different characters than the last password. Must be at least 6 characters. Must contain at least 1 number Must contain at least 1 uppercase character. Must contain at least 1 lowercase character. Must contain at least 1 special character.

• Confirm Password: Enter the new password again.

Power Actions

Select the *Power Actions* option to perform the actions below on the device.

••• •	0	☐ grid-qa.liveaction.com/devices/37eb2405-1437-49d8-a1b3-9e523b20183b?tab=power-actions	C
	Templates		
Devices > Capture Engine (e5b732b1-990c-499f-a	15ed-b7ae2511e970)		
교 Apply Template 연 Create Template		Power Actions Capture Engine (e5b732b1-990c-499f-a5ed-b7ae2511e970)	
⑦ Status Management		None Power Off Reboot	
යි Configure		Apply	
① Additional Info			
왕 User Access			
க் SNMP			
☐ IDRAC Settings			
③ Backup Settings			
🗟 Restore Backup			
Revisions			
(.) JSON			
() Upgrade Settings			
台 Change Password			
() Power Actions			

- None: Select to not perform an action on the selected appliances.
- *Power Off.* Select to power off the selected device. Once the device is powered off, you must manually press the power-on button on each of the devices to power them back on.
- *Reboot*: Select to reboot the selected appliances.

Activation and Reset

Select the Activations and Reset Actions option to perform the actions below on the device.

••• • • < >	Q	grid-qa.liveaction	n.com/devices/37eb2405-1437-49d8-a1b3-9e523b20183b?tab=	activation-and-reset
	Templates			
Devices > Capture Engine (e5b732b1-990	0c-499f-a5ed-b7ae2511e970)			
🖾 Apply Template				
쉽 Create Template		Activation and Reset	Capture Engine (e5b732b1-990c-499f-a5ed-b7ae2511e970)	
		None ORefresh License	Factory Reset	
 Status Management 				Apply
ළ Configure				
 Additional Info 				
완 User Access				
ಕೆ SNMP				
篇 IDRAC Settings				
 Backup Settings 				
Restore Backup				
Revisions				
(-) JSON				
③ Upgrade Settings				
🔒 Change Password				
() Power Actions				
Activation and Reset				

- None: Select to not perform an action on the selected appliances.
- Factory Reset: Select to reset the selected appliances to their factory default settings.
- Clear Activation ID: Select the check box to clear the activation ID.

Important! If you select *Factory Reset* on a LiveWire Edge (or by either pressing the reset button or from the command line), then you will also need to also select *Clear Activation ID* for that appliance in Grid.

SNMP

••• •	grid-qa.liveaction.com/devices/	/37eb2405-1437-49d8-a1b3-9e523b20183b?tab=snmp-cred	dentials
LiveAction Devices Templates			
Devices > Capture Engine (e5b732b1-990c-499f-a5ed-b7ae2511e970)			
준 Apply Template 연) Create Template	SNMP Capture Engine (e5b732b1-990c-49	99f-a5ed-b7ae2511e970)	
	Authentication Password *	Privacy Password *	
① Status Management	Max Message Size	•	
& Configure			
① Additional Info		Revert	
삼 User Access			
& SNMP			

Backup Settings

Select the *Backup Settings* option to configure backup options for a specific device.

••• •	٥	😑 🔒 grid-qa.liveaction.com/devices/28br	:887a-daf7-4ce1-bab8-abb	149f66af?tab=backup-setting:	Ċ		Ċ
Live/Action Devices	Templates					@ * ~	💄 Support (Li
Devices > Capture Engine (0f44c674-6adc-4	492d-be0a-919525d91dab)						
		Backup Settings Capture Engine (0/44c674	-6adc-492d-be0a-919525d	1dab)		Device Details	
() Status Management		Enable Backups Destination SFTP Cloud Backup				Registered: Activation Status: Configuration Status: Scheduled actions:	0 0
		Securely host system backups offsite in Grid Cloud Storage.				Version: Configure	24.3.0.23
		Status: Not Configured Schadule	Configure Encryption			Device Serial: Device Name: Host Name:	0f44c674-6adc-49 19525d91dab Capture Engine liveaction
		Backup Filename prefix (hostname will be added) * livewire	Backup Interval * 1 day	Retention Limit * 5 backups		IP Assignment: IP Address: Netmask:	DHCP 10.4.201.8 -
③ Backup Settings		Date and Time 10/28/2024				Gateway: DHCP Timeout: DNS Servers:	
জ Restore Backup িয় Revisions				Revert Apply		IPv6 IP Assignment: IPv6 IP Address: IPv6 IP Prefix:	Disabled - -
						IPv6 Gateway: IPv6 DNS Servers: Time Zone:	America/Los_Ang
Upgrade Settings Change Password Power Actions						wip servers:	1.ubuntu poolintpio 2.ubuntu poolintpio 3.ubuntu poolintpio
Activation and Reset						Additional Info	PaloAlto

- Enable backups A toggle to enable or disable configuration backup
- Destination
 - SFTP

••• • • • < >		liveaction.com/devices/28bc	887a-daf7-4ce1-bab8-abbf149f66af?tab=backup-	settings Č		ů + ©
LiveAction Devices Templates					0	🌣 🗸 💄 Support (LiveAction) 🗸
Devices > Capture Engine (0f44c674-6adc-492d-be0a-919525d91dab)						
윤 Apply Template 양1 Create Template	Backup Settings	Capture Engine (0f44c674-	6adc-492d-be0a-919525d91dab)		Device Detail	is .
	C Enable Backups				Device State: Registered:	
⊙ Status Management	Destination				Activation Status Configuration Sta	: O
	SFTP Status: Not Configur				Scheduled action Version:	s: . 24.3.0.23
Additional Info	Encryption				Configure	
왕 User Access	Status: Not Configured		Configure Encountion		Device Serial:	0t44c674-6adc-492d-be0a-9 19525d91dab
					Device Name:	Capture Engine
	Schedule				Host Name:	liveaction
& SNMP					IP Assignment: IP Address:	10.4.201.8
最 IDRAC Settings		area max			Netmask:	
	Backup Filename prefix (ho				Gateway:	
		SECURITY SETTINGS	s ×		DHCP Timeout:	
() Backup Settings		Encrypt backups			DNS Servers:	
B Restore Backup		Password *			IPv6 IP Assignme	ant: Disabled
E) Revisions					IPv6 IP Prefix:	
(1. JPON)					IPv6 Gateway:	
(A gang		Repeat Password *			IPv6 DNS Servers	
					Time Zone:	America/Los_Angeles
ර Upgrade Settings හි Change Password			Cancel		NTP Servers:	0.ubuntu pool ntp.org 1.ubuntu pool ntp.org 2.ubuntu pool ntp.org

Customers can configure backups to be sent to an SFTP server of their choice inside their environment.

• SFTP Status - Indicates if SFTP server is configured.

_								200	M	\$
0	₽	🔒 grid-qa.live	action.com/devices/28bc	387a-daf7-4ce1-bab8	-abbf149f66a	f?tab=backu	p-settings	Ç		
	Backup S	Settings _{Ca}	pture Engine (0f44c674-6	5adc-492d-be0a-9195	i25d91dab)					
	🛑 Enable Ba	ackups								
	Destination									
	SFTP (Cloud Backup								
	SFTP Status:	Not Configured		Configure SFTP						
	Encryption									
	Status: Not C	Configured		Configure Encryption						
	Schedule									
	▲ SFTP sho	ould be confi	Configure SFTP			×				
		ne prefix (ho	Hostname *		Port *					
			Hostname		22					
	Date and Time		Username *							
			Username			>0				
			Password *							
			Password			۲	oly			
			Directory *							
			/directory							
					Cancel					

• SFTP Status - Indicates if SFTP server is configured or not

 Configure SFTP field: Hostname - the hostname of the SFTP server Port - the port number of the server FTP application Username - the username for SFTP user Password - the password for the SFTP user Directory - Where the backups are to be stored on the SFTP server

- Cloud Backup When selected, the configuration backup is stored in Grid SaaS as an encrypted backup.
- *Schedule* The frequency of backup and how many backups to be stored and a time selector for the backup needs to be taken.

Restore Backup

Users may introduce changes to the configuration that is not desired and want the ability to revert to an older configuration state. Restore backup allows users to be able to choose a backup version of the configuration. When backups are configured, the list of backups for each device is visible in this section. The list includes

- 1. *Status* indicates whether the backup is successful or not
- 2. Filename the filename of the backup file
- 3. Backup Time When the backup took place
- 4. Location The location of the backup file (indicating the full path for the file)
- 5. Action A user can select a backup and apply that configuration to the device.

Revisions

Admin users can click *Revisions* to view the configuration changes made against a LiveWire device.

Admin users can create and edit configuration of LiveWire devices from the Grid UI. When a LiveWire device is connected to Grid, it receives any configuration updates made on the LiveWire device and is stored as a revision. Any configuration made on the device and pushed to Grid is shown as Created by the device.

If an admin user creates or updates the device configuration from Grid, a copy of the device configuration made by that user is also stored under *Revisions*.

••• • • • •	Image:	49f66af?tab=revisions C
LiveAction Devices	Templates	
Devices > Capture Engine (0f44c674-6a	dc-492d-be0a-919525d91dab)	
ය Apply Template 얀) Create Template	Revisions Capture Engine (0f44c674-6adc-492d-be0a-919525d91dab)	
	CREATED AT	CREATED BY
③ Status Management		
	O 2024-11-11T13:19:01.593Z	device
ℬ Configure	O 2024-11-11T13:06:08:347Z	dvyas@liveaction.com
① Additional Info	O 2024-11-11T13:00:53.475Z	device
왕·User Access	O 2024-11-07T14:27:41.636Z	device
	O 2024-11-07T14:16:04.339Z	device
SNMD	O 2024-11-07T11:30:55.284Z	device
	O 2024-11-07T11:07:12.319Z	device
a idkac settings	O 2024-11-05T18:56:16.830Z	vrajaram@liveaction.com
	O 2024-11-05T17:40:40.958Z	vrajaram@liveaction.com
③ Backup Settings	O 2024-11-05T17:40:03.338Z	vrajaram@liveaction.com
B Restore Backup		
Pa Revisions		

Application Config

The current running configuration of a LiveWire device is shown here. If the device is running 24.3 or newer version, then all the configuration (including, Alerts, alarms, Filters, Captures etc) are shown in the section as a JSON document. If the device is running an older version, then only the ACL and user permission configuration is shown in this section.



Grid Templates Tab

The Grid *Templates* tab displays the templates associated with your account. Ten plates allow you to configure settings independent of a particular device, and then apply the template, and thus the settings, to a device, or multiple devices in bulk at the same time. A description of each of the available options and settings in the *Templates* tab is provided below:

• •	● E Private < >	₽	🔒 grid-qa.liveaction.com/templates		0		ô + C
Live	eAction Devices Templates					? • ·	💄 Support (LiveAction) 🗸
2	Add Template					Q Search	U ±
0	TEMPLATE NAME	VERSION	TIMEZONE	SHARED		OWNER	
		24.1	America/Los_Angeles			vrajaram@liveaction.com	
		24.1	America/Los_Angeles			vrajaram@liveaction.com	
		24.2	America/Los_Angeles			oantonenko@gbsfo.com	
		24.2	America/Los_Angeles			oantonenko@gbsfo.com	
		24.2	America/Los_Angeles			oantonenko@gbsfo.com	
		23.4	America/Los_Angeles			oantonenko@gbsfo.com	
		23.4	America/Los_Angeles			oantonenko@gbsfo.com	
		23.4	America/Los_Angeles			oantonenko@gbsfo.com	
	SV201809501919-24.2.1.4	24.2	America/Los_Angeles		~	dvyas@liveaction.com	

Add Template

Click the Add Template button to display the Add Template dialog to add a new template to the configuration.

● ● ● I Private く >	[₽	🔒 grid-qa.liveaction.com/templates/new?tab=	configure Č) D
LiveAction Devices T	Templates				
Templates > New Template					
ℬ Configure					
움 User Access			Configure New Template		
8 ⁸ SNMP			Settings		
届 IDRAC Settings			Template Name *	Template Version *	
③ Backup Settings			Template Name		
() Upgrade Settings			Time Settings		
			Time Zone *		
() JSON					
			NTP Server		
			Authentication		
			Enable OS authentication only		
			Enable third-party authentication		
					Add
			Enable third-party authentication		Add

- Template Name: Type a name for the template.
- Template Version: Click to select the version of the template you are configuring.
- *Timezone*: Click to select the timezone for the template.
- NTP Server. Enter the address of any NTP servers to add to the configuration, and then click Add Server.
- *NTP Servers*: Displays the list of NTP servers added to *Settings*. You can click the *Edit* icon to edit an NTP server in the list, or click the *Trash* icon to remove an NTP server from the list.

Authentication

Settings			
Template Name *	Templa	ate Version *	
Template Name	Selec	t Version	~
Time Settings			
Time Zone *			
Select Time Zone			~
Fotor NTD conver			
Liner NTP Server			
Authentication			
Enable OS authentication only			
Enable third-party authentication			
Add		Q Search	
	ТҮРЕ		IN USE
	No Data		

- Enable OS authentication only. Select this option to use the local OS authentication.
- *Enable third-party authentication*: Select this option to use TACACS+ or RADIUS authentication. If this option is selected, click *Add* to configure the new authentication setting.
- Add: Click to add a new authentication setting. You will need to configure the new authentication setting.
- Search: Enter the text string to search the list of authentication settings.
- Name: Displays the name of the authentication setting.
- Type: Displays the type of authentication, which can be either 'RADIUS' or 'TACACS+.'
- Host: Displays the host of the authentication setting.
- *Port*: Displays the port of the authentication setting.
- Secret: Displays the secret key of the authentication setting.
- *In Use*: Displays whether or not the authentication setting is in use.

- *Action*: Click the *Edit* icon to edit the authentication setting, or click the *Trash* icon to delete the authentication setting.
- Save: Click to save the authentication setting.

User Access

The User Access setting is similar to the Authentication section above where the admin user can configure additional users and set their roles.

SNMP

Authentication Password *		Privacy Password *	
Authentication Password	۲	Privacy Password	۲
Max Message Size			
Max Message Size			

Admin can configure SNMP settings such as:

- Authentication password
- Privacy password
- Max Message size

IDRAC Settings

The Integrated Remote Access Controller (iDRAC) firmware and hardware built into LiveWire (LiveWire Core/ PowerCore only) lets you remotely access LiveWire as if you were in the same room as the LiveWire. Using an Internet browser, you can easily perform tasks such as accessing a remote console, reimaging LiveWire, rebooting, shutting down, and starting LiveWire (even if LiveWire is off). These settings are only applicable to physical appliances and not for Virtual ones. These are Dell hardware settings.

Time Zone *		
Select Time Zone		~
DNS Server 1	DNS Server 2	
DNS Server 1	DNS Server 2	
Web Server TLS Version *		
Select Version	Host Header Check	
Update Settings		
Enable Updates		
Update Proxy Server *	Update Proxy User *	Update Proxy Password *
Proxy Server	Username	Password
SNMP		
Enable SNMP	Enable SNMP Alert 1	Enable SNMP Alert 2
SNMP Community *	Alert 1 Target Address *	Alert 2 Target Address *
SNMP Community		
NTP		
Enable NTP		
NTP Server *		
Event Filters		
Alert		
Example: -c idrac.alert.storage.stor	critical -n snmp -a none	+

Backup Settings

Select the *Backup Settings* option to configure backup options for a specific device.

••• • • •	(0	grid-qa.liveaction.com/device	s/28bc	:887a-daf7-4ce1-bab8-ab	of149f66af?tab=	backup-setting	c c			Ô + (
LiveAction Devices	Templates								0	۰ م	Support (LiveAction)
Devices > Capture Engine (0f44c674-6as	lc-492d-be0a-919525d91dab)										
교 Apply Template 안 Create Template		Backup S	ettings Capture Engine (0f4	4c674-	-6adc-492d-be0a-919525c	91dab)			Device Del Device State:	ails	• Up
③ Status Management		Destination -	Cloud Backup						Activation Sta Configuration Scheduled ac	tus: Status: Ilons:	• • •
		Securely host s	istern backups offsite in Grid Cloud Str	orage.					Version: Configure Device Serial:		24.3.0.23 0f44c674-6adc-492d-be0a-9
		Status: Not C	onfigured		Configure Encryption				Device Name: Host Name:		19525d91dab Capture Engine liveaction
🗞 SNMP		Backup Filenan	e prefix (hostname will be added) *		Backup Interval * 1 day	Retention Limit			IP Assignmen IP Address: Netmask: Gateway:	t	DHCP 10.4.201.8 -
③ Backup Settings		10/28/2024							DHCP Timeou DNS Servers: IPv6 IP Assig	t: nment:	50 - Disabled
83 Restore Backup							Apply		IPv6 IP Addre IPv6 IP Prefix IPv6 IP Prefix		
									IPv6 DNS Ser Time Zone:	vers:	- America/Los_Angeles
Upgrade Settings Change Password D Power Actions									NTP Servers:		0.ubuntu pool.ntp.org 1.ubuntu pool.ntp.org 2.ubuntu pool.ntp.org 3.ubuntu pool.ntp.org
Activation and Reset									Additional Inf Location:	•	PaloAlto

- Enable backups A toggle to enable or disable configuration backup
- Destination
 - SFTP

	I grid-qa.liveaction.com/devices/28bc887a-daf7-4ce1-bab8-al	bbf149f66af?tab=backup-settings		ů + D
LiveAction Devices Templates			@ • ~	💄 Support (LiveAction) 🗸
Devices > Capture Engine (0f44c674-6adc-492d-be0a-919525d91dab)				
ය Apply Template වී Create Template	Backup Settings Capture Engine (0/44c674-6adc-492d-be0a-919525	5d91dab)	Device Details	M
	C Enable Backups		Device State: Registered:	
 Status Management 	Destination		Activation Status: Configuration Status:	
			Scheduled actions:	· "
,∂ ² Configure	SFTP Status: Not Configured Configure SFTP		Version:	
Additional Info	Encryption		Configure	01446574-6ada 402d ba05 0
중 User Access	Status: Not Configured Configure Encryption		Device Serial.	19525d91dab
			Device Name:	Capture Engine
8. 000 40	Schedule		IP Assignment:	DHCP
35 SNMP			IP Address:	
IDRAC Settings	Barlum Filmanna ando (ka		Netmask:	
	SECURITY SETTINGS	×	Gateway:	
③ Backup Settings			DNS Servers:	
E. Partera Backup	Date and Time Encrypt backups		IPv6 IP Assignment:	Disabled
up reacte backup			IPv6 IP Address:	
E Revisions			IPv6 IP Prefix:	
(-) JSON			IPv6 Gateway:	
			Time Zone:	America/Los_Angeles
			NTP Servers:	0.ubuntu pool ntp.org
승 Change Password	C	Dancel Save		1.ubuntu pool ntp.org 2.ubuntu pool ntp.org 3.ubuntu pool ntp.org

Customers can configure backups to be sent to an SFTP server of their choice inside their environment.

_									200	M	\$
0	₽	🏻 grid-qa.liv	eaction.com/devices/28bc8	387a-daf7-4ce1-bab8	-abbf149f66af	?tab=backu	p-settings	(2)		
	Backup Se	ettings c	apture Engine (0f44c674-6	5adc-492d-be0a-9195	25d91dab)						
	C Enable Bad	ckups									
	Destination										
	SFTP) Cloud Backup									
	SFTP Status:	Not Configured		Configure SFTP							
	Encryption										
	Status: Not Co	onfigured		Configure Encryption							
	Schedule										
	▲ SFTP shou	uld be confi	Configure SFTP			×					
		e prefix (ho	Westrome t		Dort *						
			Hostname		22						
	Date and Time		Username *								
			Username			<mark>>0</mark>					
			Password *								
			Password			۲					
			Directory *								
			/directory								
					Cancel						

- SFTP Status Indicates if SFTP server is configured or not
- Configure SFTP fields: Hostname - the hostname of the SFTP server Port - the port number of the server FTP application Username - the username for SFTP user Password - the password for the SFTP user Directory - Where the backups are to be stored on the SFTP server
- *Cloud Backup* When selected, the configuration backup is stored in Grid SaaS as an encrypted backup.
- *Schedule* The frequency of backup and how many backups to be stored and a time selector for the backup needs to be taken.

Upgrade Settings

Click the *Upgrade* button to upgrade the selected appliance remotely through Grid. User can choose to upgrade to any newer version than what is running on the device. There is no capability to upgrade to a previously released version.

										20	M (5	906	5 8 A	• •		Mon Nov 11 7:53 AM
•••	< >	٥	D 😑 🔒 grid	d-qa.liveaction.com/de	evices/37eb2	2405-1437-	49d8-a1b3-9e5	523b20183b?tab=update	e-settings		Ċ					0 1 + 0
Live∧ction	Devices	Templates												G	•	 Support (LiveAction)
Devices > Capture Engine	(e5b732b1-990c-4	99f-a5ed-b7ae2511e970)														
교 Apply Template ② Create Template			Upgrade Setti	ings Capture Engi	ne (e5b732b	o1-990c-499	9f-a5ed-b7ae25	i11e970)						Device I	etails te:	
 Status Management 			Enable Upgrade	ion tound.										Registered Activation Configurat Scheduled	Status: on Status: actions:	• • •
🖉 Configure			11/11/2024											Version:		24.2.2.2
③ Additional Info			Version											Configure Device Ser	al:	e5b732b1-990c-499f-a5ed-
움 User Access									~					Device Nat	ne:	b7ae2511e970 Capture Engine
									_					Host Name		liveaction
A SNMP								Revert Appl	by .					IP Assignm	ent:	DHCP
														IP Address		10.4.203.3
温 IDRAC Settings														Netmask:		
														Gateway:		
 Backup Settings 														DHCP TIM	OUT:	
C anothe actually														IPv6 IP As	e. Janment:	Disabled
B Restore Backup														IPv6 IP Ad	iress:	
E Revisions														IPv6 IP Pre	fix:	
() IRONI														IPv6 Gater	ay:	
67 33014														IPv6 DNS S	ervers:	
														Time Zone		America/Los_Angeles
() Upgrade Settings														NTP Serve	s:	0. ubuntu pool ntp.org
A Change Password																2.ubuntu pool ntp.org
() Power Actions																3.ubuntu poolintp.org poolintp.org
Activation and Reset														Additional	info	

- Disable: Select to disable the upgrade on the selected devices.
- *Enable*: Select to enable the upgrade on the selected devices. If you enable the upgrade, you are presented with settings to specify the date and time the upgrade should take place. Because all communications are initiated from the device once every ten minutes, the upgrade will happen as the result of the device communicating with the network, sometime on or after the selected time.
- Apply. Click to save the changes to the selected devices.

Enabling Grid Support

Grid Support from LiveAdmin Utility

The LiveAdmin utility on LiveWire lets you view and configure a variety of settings from the LiveAdmin views in the left-hand navigation pane of the utility. Before you can use Grid for LiveWire, you must enable *Centralized Management* support (enabled by default) in the *Omni* view of the LiveAdmin utility, as described below.

To enable Centralized Management support in the LiveAdmin utility:

1. From a browser window on a computer connected to the same network as LiveWire, enter the IP address for LiveWire in the URL box as *IP ADDRESS*:8443 (e.g., 192.168.1.21:8443). The LiveAdmin Login screen appears.

LiveAdmin								
Password								
Login								

2. Enter the default password 'admin' and click Login.

Note If you are using LiveWire Omnipeek, you can also access the LiveAdmin Login screen by clicking *System Configuration* from either the Omnipeek Login screen, or by clicking *Configure System* from within Omnipeek itself.

😾 LiveWire Omnipeek
Username
Password
Login
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3. Go to the *Omni* view, select the *Centralized Management* option, and then click the *Enable Centralized Management* check box to enable Grid support. To learn more about each of the LiveAdmin views, see the *LiveWire User Guide*.

•••			🗎 10.4.201.8:8443/#/omni	5	Ů + ©
🔤 c	apture Engine Configure LiveAction Grid	×	1 LiveAdmin	A [0D-4691] LiveA	dmin is pointing users to MyPeek instead of Grid - LiveAction JIRA
LiveAdmin					🐣 Administrator 👻
🖀 DASHBOARD	Omni				
AUTHENTICATION					
😻 MONITOR	Centralized Management	Centralized Managem	nent Settings		
A NETWORK	Factory Reset Backup	Centralized Managem enabled, changes car	nent is the preferred way to manage and configure multiple LiveAction appliant	ces. In order to enable centraliz gement console will supersede	red management select the checkbox below. Once
OMNI	Restore	manage devices from	the centralized console please visit MyPeek.		
SUPPORT	SFTP	Enable Centralized	Management		
REMOTE SYSLOG	SNMP	HTTP Proxy Conf	iguration		
Ø TIME		Hostname	Istname		
▲ TLS		Port			
UPDATE		443			٢

4. Click Apply.