

Release Note for Vista Manager EX Software Version 3.6.x



VISTA MANAGER™ EX

» 3.6.0

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What's New in Vista Manager EX v3.6.0

Introduction

This release note describes the new features in Vista Manager EX™ v3.6.0. It covers Vista Manager EX plus the optional Autonomous Wave Controller (AWC) and SNMP plug-ins, and Allied Intent-based Orchestrator (AIO).

You can obtain the software files from the [Software Download area of the Allied Telesis website](#). Log in using your assigned email address and password.

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New Features and Enhancements

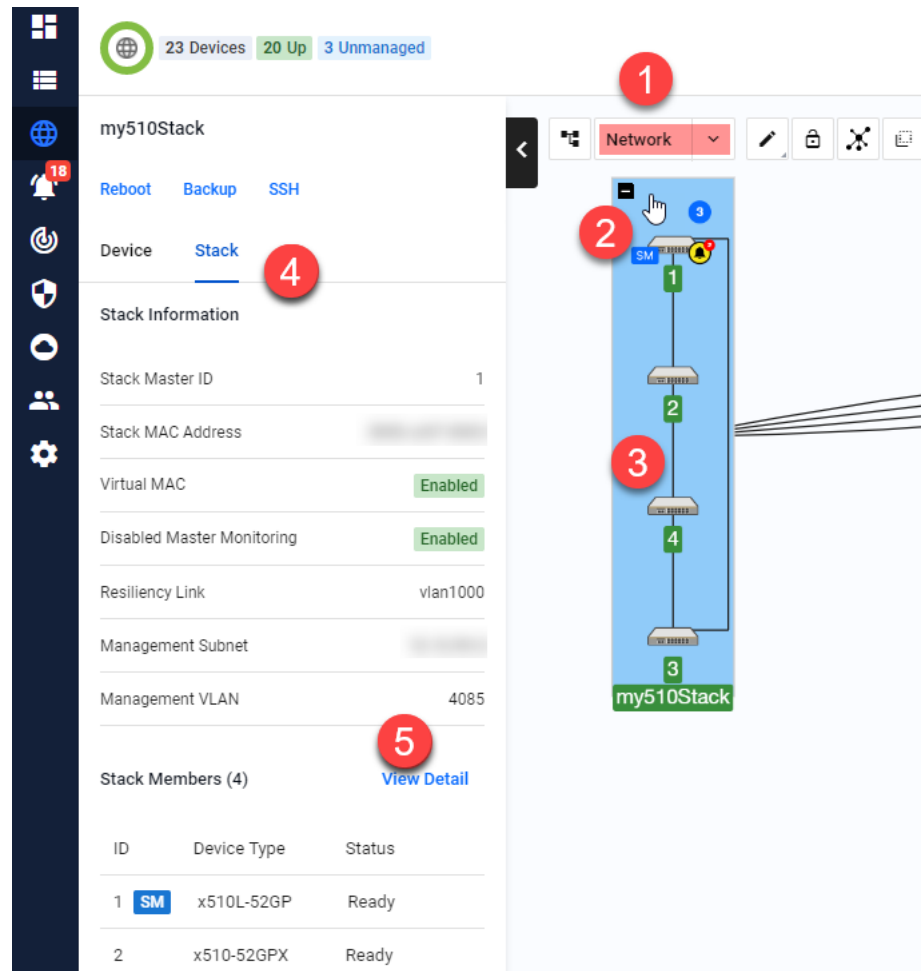
This section summarizes the new features added to Vista Manager EX v3.6.0:

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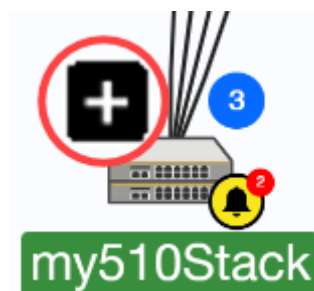
Enhanced information display for stacked devices

Applicable to all Vista Manager installations.

From version 3.6.0, you will be able to see detailed information of stacked devices in your network. This lets you monitor the current state of stacked devices and carry out further configuration when required. To view all this information:



1. Navigate to the **network layer** of the integrated map.
2. Hover over a stack to see the '+' symbol. Click on '+' to expand it. This lets you view all stack members and associated stacking links. If a stack is fully-formed, you will also see an outer link completing the stacking loop.



3. Click on the stack in the map (blue highlighted area) to see its information.

4. The side panel pops out. The Stack tab will display some basic stack-wide information such as:
 - « a list of stack members
 - « current status of each stack member
 - « which stack member is the master
5. Click **View Detail** to see detailed information about the stack. This opens up the device details page displaying:
 - « **Stack Information:** Stack Master ID, stack MAC address, virtual MAC, disabled master monitoring, resiliency link, management subnet, management VLAN
 - « **Stack Members:** Stack ID, status, role, priority, MAC address, product type, revision, serial number, resiliency links, state, stack ports

The screenshot shows the 'my510Stack' device details page. At the top, there are navigation buttons: 'SSH to Device', 'Backup Device', and 'Reboot Device'. Below these are tabs for 'Device Info', 'Stack', 'Notes', 'Guest Devices', 'Configs', 'Licenses', and 'File System'. The 'Stack' tab is active.

Stack Information

Stack Master ID	1
Stack MAC Address	[Redacted]
Virtual MAC	Enabled
Disabled Master Monitoring	Enabled
Resiliency Link	vlan1000
Management Subnet	[Redacted]
Management VLAN	4085

Stack Members

1	SM	Active Master
2		Backup Member
3		Backup Member
4		Backup Member

Member 1 Details

Status	Ready
Role	Active Master
Priority	1
MAC Address	[Redacted]
Model	x510L-52GP
Board Revision	B-0
Serial Number	[Redacted]
Resiliency Link Up	Yes
Resiliency Link State	The resiliency link is configured.

Stack Ports

port1.0.51	
Neighbor ID	2
Port State	The neighboring device has joined the stack.
port1.0.52	

When a stack is expanded:

- All stack members and associated stacking links will be displayed.
- Click on each link to see which device type and interface is on each end of the link.
- The stack master has an 'SM' badge indicating that it is the stack master.
- When a stack master leaves the stack, the stack master badge will update to show next to the new stack master.
- Each stack member will have an icon showing its stack member ID.
- If a stack member goes down, its position will move to the bottom of the stack to indicate its current down status.
- An event bell icon indicating any network events will still be displayed on the stack master.
- The stack remains expanded when you leave and navigate back to the map later.

There are some limitations to this feature:

- If a stack member goes down, the hostname/member ID will stay green and not change to red.
- Individual stack members cannot be moved.

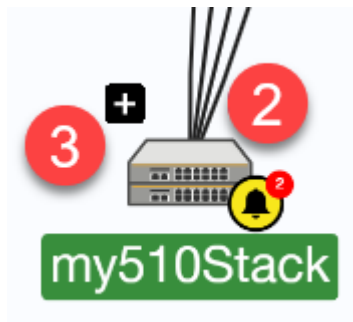
This feature requires AlliedWare Plus version 5.4.7-2.1 or later.

Active Fiber Monitoring (AFM) display support

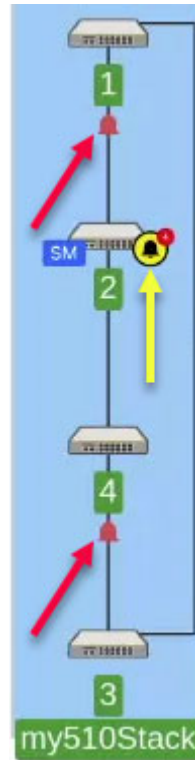
Applicable to all Vista Manager installations.

With enhanced information display now possible for stacked devices, support has been added to display Active Fiber Monitoring (AFM) from version 3.6.0 onwards. You will be able to see links between members and fiber tamper alarms (red bell icons) when a link has been tampered with. As an administrator, you can use this information to check on the physical links, dismiss the fiber tamper alarms and/or change AFM settings on specific links.

1. Navigate to the **network layer** of the integrated map.
2. Identify a stack with an event bell icon. This means there has been an event on the stack, for example, tampered links.

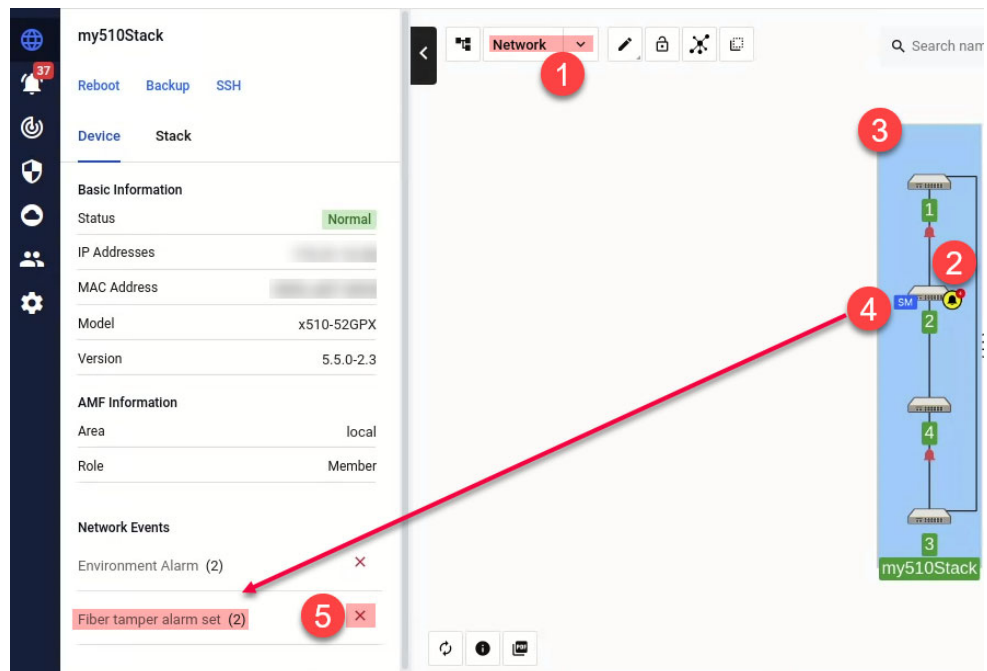


3. Hover over a stack to see the '+' symbol. Click on '+' to expand it. You will see the stack master showing the event bell icon, and fiber tamper alarms on stacking links (red bell icons) that have been tampered with.

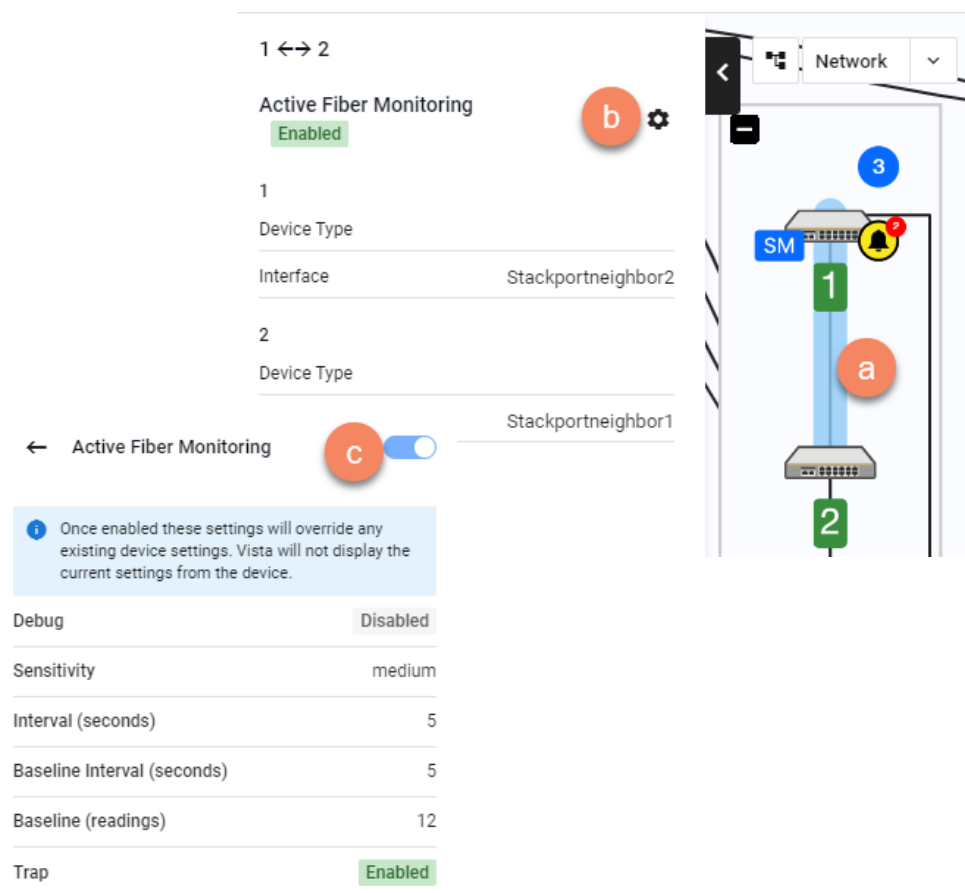


- Click on the stack (blue highlighted area) to enable the side panel. Fiber tamper alarms are shown at the bottom of the side panel, under Network Events.

Note: Fiber tamper alarms will remain until you have dismissed them. This then removes the red bell icon and reduces the event bell count on the device stack.



5. You can dismiss a fiber tamper alarm in 3 ways:
 - « Click on the stack, like in Step 4. Dismiss the **Fiber tamper alarm set** event under **Network Events** on the side panel.
 - « Click on the red bell icon. Dismiss the **Fiber tamper alarm set** event under **Network Events** on the side panel.
 - « Dismiss either the stack event or stack member event in the **Event Log**.
6. To change settings for AFM:
 - « a. With the stack still expanded, click on a link inside the stack that you wish to disable AFM for. This highlights the link.
 - « b. On the side panel, click on the AFM settings icon to disable AFM.
 - « c. Disable AFM.



Note: Only links inside a Virtual Chassis Stack are supported for viewing and editing AFM settings in Vista Manager EX.

Note: If AFM has already been enabled from the CLI, the AFM settings icon will not be visible on the side panel of Vista Manager EX.

This feature requires AlliedWare Plus version 5.5.0-0.3 or later.

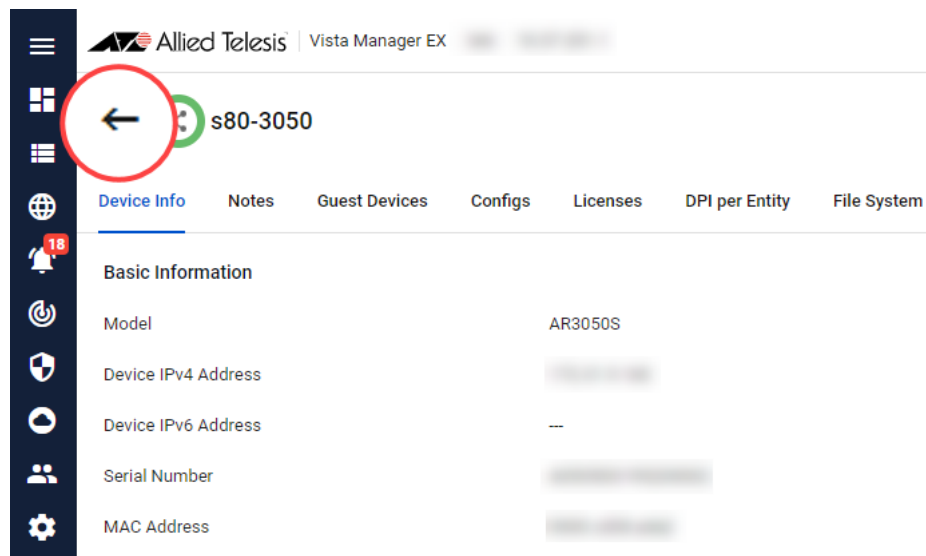
Detecting tampered link events requires AlliedWare Plus version 5.4.8-1 or later.

Backwards navigation

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0, backwards navigation will be supported on specific pages. The new back button in Vista Manager EX provides a consistent way of moving backwards, particularly when multiple tabs are present on a page.

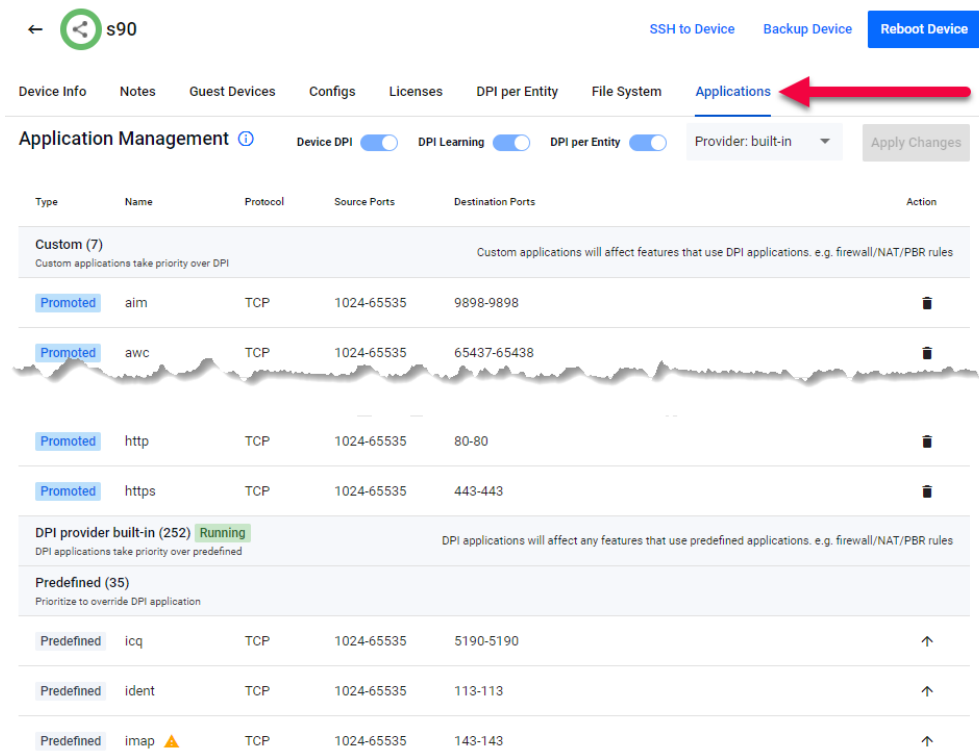
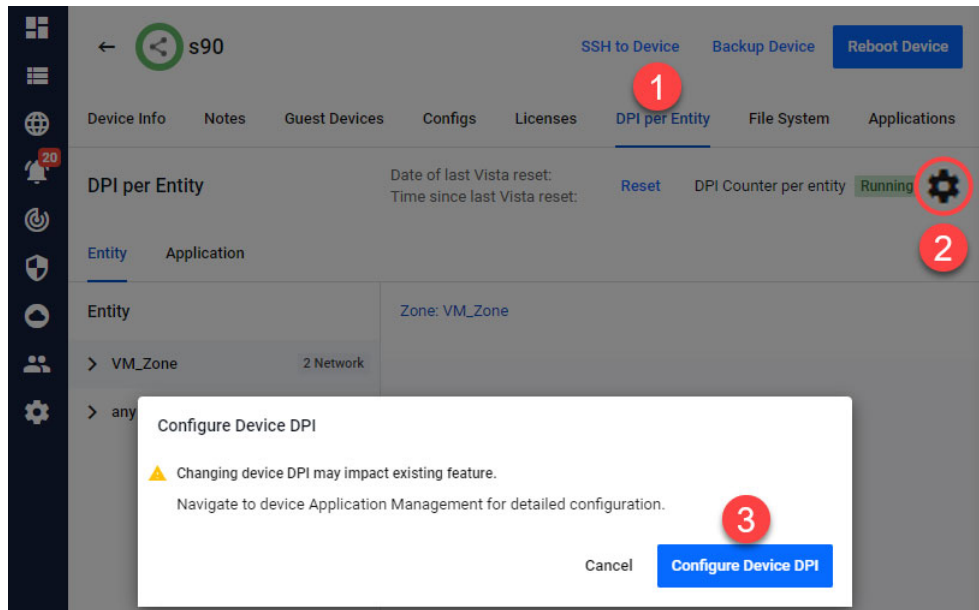
For example, you navigate to the Device Info tab from Asset Management, and then browse through several different tabs from there. Clicking on the browser back button only returns you to the previous tab, but the new back button takes you straight back to Asset Management. This feature lets you navigate efficiently between pages during a single task flow on multiple devices, for example, updating release files or deploying policies.



Application reconfiguration support

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0, a new tab for application management will be added to the device details page. Because enabling DPI may affect existing firewall/NAT/PBR rules, this feature will redirect you here for detailed reconfiguration of applications if required. Alternatively, you can navigate directly to this tab to adjust the list of applications before enabling DPI, to ensure the router functions normally.



Here, you will see custom applications and predefined applications of your selected device. If DPI is enabled, you will also see the DPI running status, providers and the number of DPI applications on the device.

Custom applications and predefined applications will appear in two groups, separated by the DPI group, which indicates priority:

1. Custom
2. DPI
3. Predefined

When DPI is enabled, a warning icon will appear beside the predefined applications. This indicates that:

- they may not work due to their lower priority, prompting you to promote them to custom
- if they overlap with DPI applications, they should be considered for promotion if any rules are using them

As a user with write permission, you will be able to:

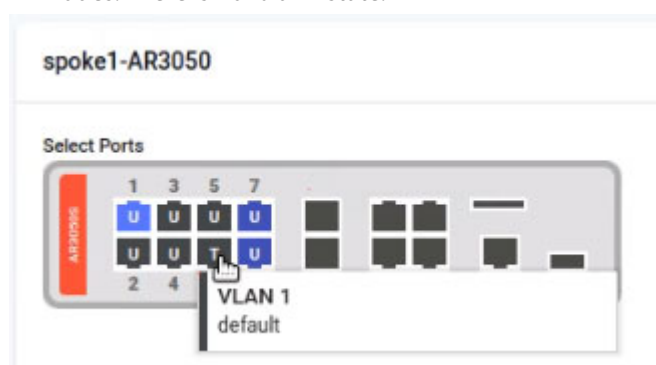
- enable/disable various DPI settings
- change the DPI provider
- promote predefined applications to the custom category
- remove promoted applications from the custom category

VLAN 1 port reconfiguration

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0 onwards, if a port is assigned to VLAN 1 in Access mode, a different VLAN can be reassigned without first having to remove VLAN 1. The VLAN 1 states of ports are no longer hidden. They are treated the same as all other VLANs. This means that every port will have a 'U' (Access) or a 'T' (Trunk) displayed.

When VLAN 1 is selected, ports with VLAN 1 assigned can only be changed between Access and Trunk modes. There is no 'blank' state.



Improved VLAN search

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0, you will be able to more easily search for a specific VLAN on the VLAN map. This enhancement includes a search box at the top of the VLAN list that supports almost instant filtering by **VLAN ID** and **VLAN name**.

When searching by **VLAN ID**, the filter performs an exact match to narrow down search results and ensure higher accuracy. When searching for **VLAN names**, the filter is not case-sensitive and performs partial matching only.

For example, a user tries to search for 'VLAN 10' in a network that also has VLAN 50 named Building 100. Typing '10' will return results of 'VLAN 10' being top of the list because it is a direct match on the VLAN ID. Other VLANs containing 10 in their names will appear after, such as VLAN 100, 101, 102, etc.

The screenshot displays the 'VLANs' section of the Vista Manager interface. On the left, a list of VLANs is shown with their IDs and names. On the right, a search box is used to filter the list. The search box contains the text '10', and the results are filtered to show only VLANs with IDs containing '10'. The search box is highlighted with a blue border. Below the search box, the results are displayed as a list of VLANs with their IDs and names. The search box is highlighted with a blue border. Below the search box, the results are displayed as a list of VLANs with their IDs and names. The search box is highlighted with a blue border. Below the search box, the results are displayed as a list of VLANs with their IDs and names.

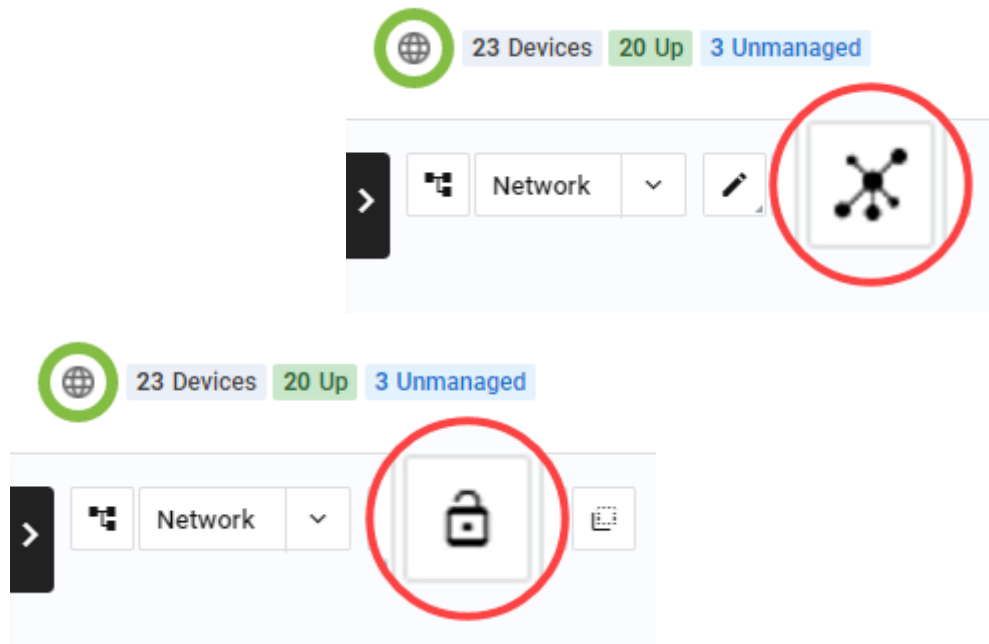
VLAN ID	VLAN Name
VLAN 10	VLAN0010
VLAN 100	VLAN0100
VLAN 101	VLAN0101
VLAN 102	VLAN0102
VLAN 107	VLAN0107
VLAN 110	VLAN0110
VLAN 210	VLAN0210
VLAN 310	VLAN0310
VLAN 410	VLAN0410
VLAN 1000	VLAN1000
VLAN 1001	VLAN1001

Improved layouts on map

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0, the integrated map will support two new layout functionalities.

- **Auto generate layout** - This feature lets you automatically generate a topology layout which creates a new layout for your map. Take note that this process cannot be reversed. This button is disabled when locked layout is active.



- **Lock layout** - This button provides the lock/unlock ability to move devices around. The status will be saved even after you log out and back in again. You can use this layout to:

- « change the position of devices (when unlocked)
- « pan the map view around devices (not sites or groups)

Regardless of the lock status:

- « zooming or looking around the map are not affected
- « expanding or collapsing sites and stacks will function normally
- « moving devices on the dashboard network map will now always be locked

Note: As this is a per-user feature, if an account is shared among multiple users, one user's change will affect all users.

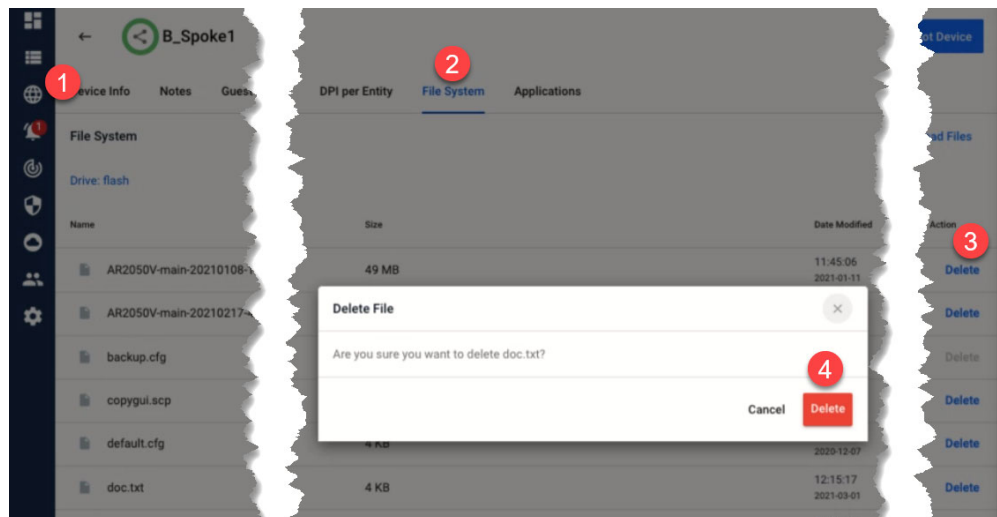
Searching and deleting files from the file system

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0, users with write permissions will be able to delete supported files from the file system of a device. The ability to search for files has also been added. This makes it easier to find which files to delete. To delete a file:

1. Select a device from your network map. Double-click on it.
2. On the device details page, navigate to the **File System** tab.
3. You will see an **Action** column with delete buttons on the right. Click **Delete** for the file(s) that you wish to delete.
4. A confirmation message appears. Click **Delete** to proceed. A success notification then appears on the bottom right.

Note: File(s) selected for deletion on a stacked device will be deleted from all stack members.



You may use this feature to free up space on a device before upgrading its firmware.

There are some limitations to take note of:

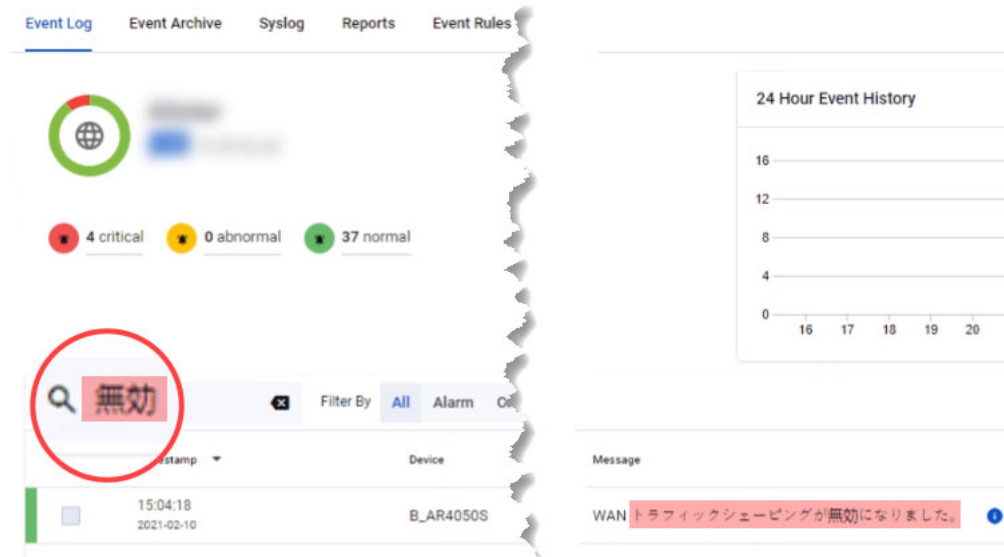
- Protected files cannot be deleted:
 - « boot firmware release files
 - « backup boot firmware release files
 - « boot configuration files
 - « backup boot configuration files
- Directories cannot be deleted.
- Wildcard characters (*) are not supported in the file search.

Note: This feature requires AlliedWare Plus version 5.4.9-0.1 or later.

Japanese event language support

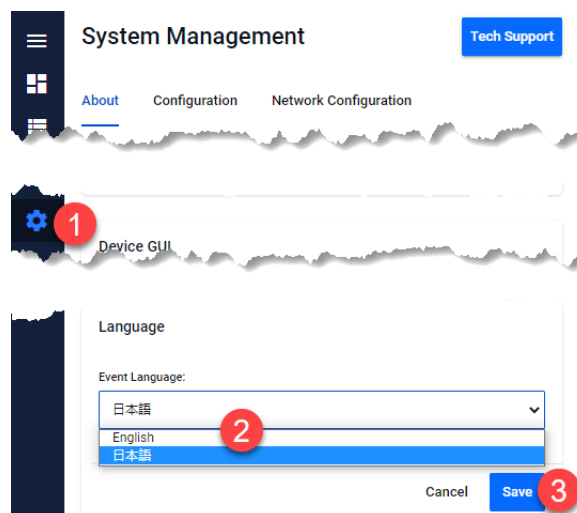
Applicable to all Vista Manager installations.

By upgrading to Vista Manager EX version 3.6.0, you will be able to search for events in Japanese. A large number of English-only events now have Japanese translations, where they did not previously.



Most event messages now have a translation key. Event rules have been improved to store both the **translation key** and **translated value**. The translated value of an event rule is used to match translated keys of event messages. Because of this, the match becomes highly specific as each event rule applies to only one event message.

Note: We recommend using the **title field** instead of the message field when creating event rules so that broader search results can be achieved.



Administrators will have the ability to change the event language from the System Management page. Changing the event language initiates the background process of translating past events. Once past events have been translated, event rule messages will then be translated to the new language. An event log is created when the translation completes.

Note: This language support functionality is only applicable to the Event Log, SD-WAN table of events, and Event Rules. Plug-in events will not be translated.

This feature has been designed to support more languages in the future.

Disable license expiry notifications

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0, administrators will have the option to disable license expiry notifications. By default, all notifications are set to enabled. To disable them:

1. Navigate to the Network Map.
2. Double-click on a device.
3. Go to the Licenses tab.
4. Click on a license bar that you wish to disable notifications for. A side panel will appear on the right.
5. Turn off the Expiry Notifications settings. A success message will pop up at the bottom of the side panel. A crossed-out bell now appears on the license bar.

Note: This feature applies to non-permanent licenses only.



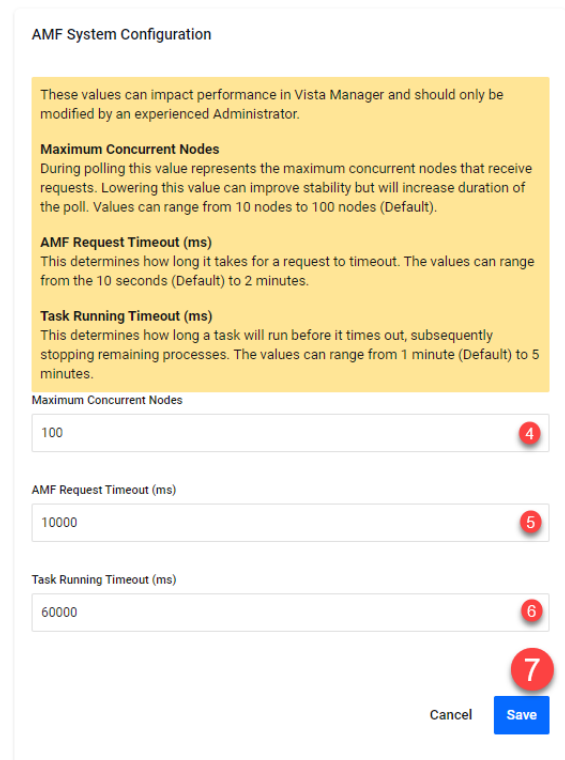
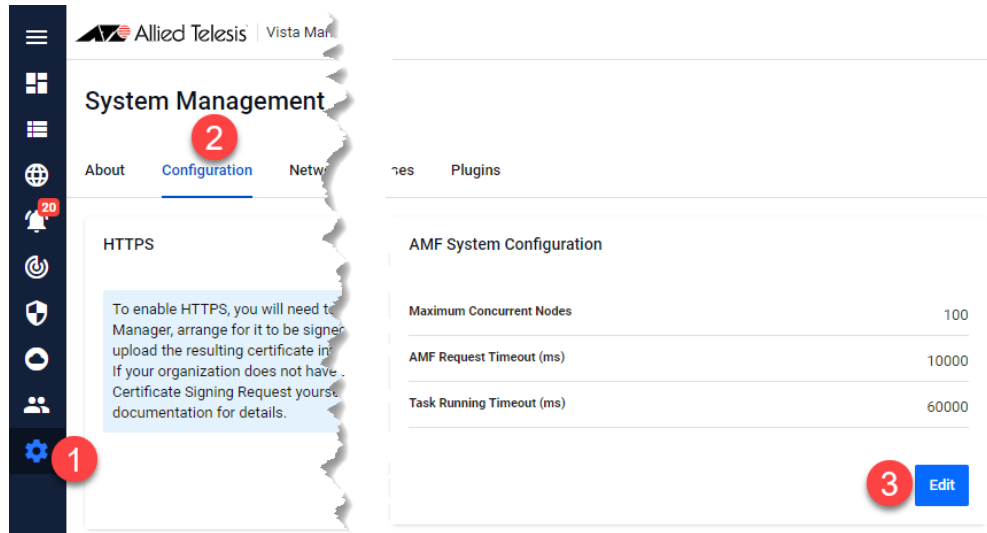
AMF system configuration

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0, you will be able to change specific AMF system configuration settings from the Configuration tab on the System Management page.

Previously, a support engineer would be required onsite to resolve various network errors that involved changing variables in the configuration file.

An event log will be generated after you have applied new values. No restarting is required.



Zoom functionality restored

Applicable to all Vista Manager installations.

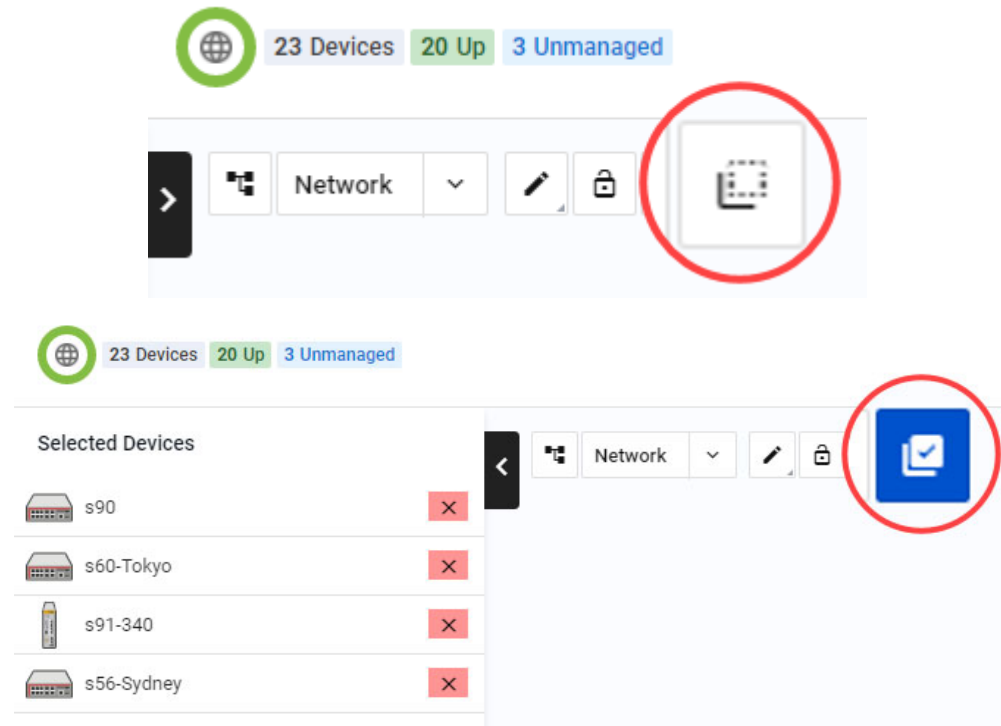
Zoom functionality is restored on integrated maps. This feature also supports touch input. You will be able to zoom in and out by clicking the (+/-) buttons or dragging the zoom slider. The reset zoom button lets you zoom out to fit the entire network within the map window.



Multi-select mode restored

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0, the multi-select button is restored on integrated maps. You will be able to select multiple devices without holding the **control** or **shift** keys, but by enabling this button instead.

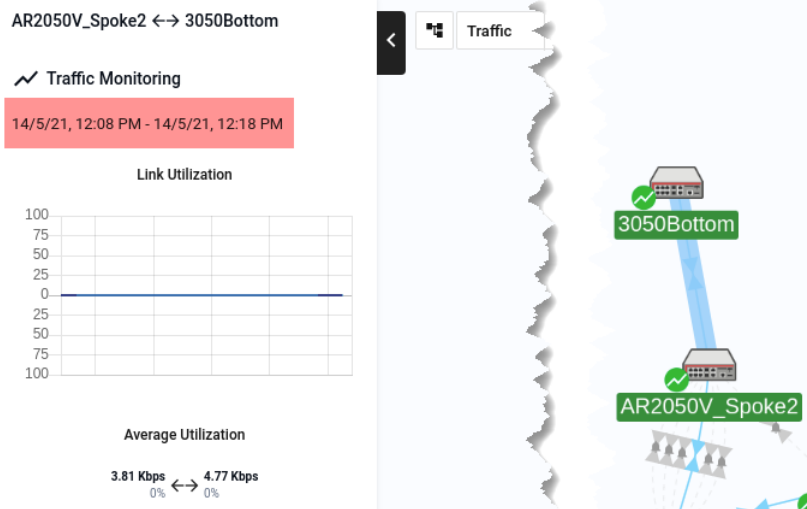


With the multi-select button enabled, the side panel appears showing a list of selected devices when more than one device is selected. Clicking on 'x' removes a device from the list. Clicking on a selected device on the map deselects it. Clicking anywhere on the map removes all selected devices from the list. When only one device is left selected, the side panel then shows details of that device.

Traffic monitoring date-time display

Applicable to all Vista Manager installations.

The date and time range for traffic monitoring has been added on the side panel of the traffic map. This shows when you select a link between two devices.



Network status badges

Applicable to all Vista Manager installations.

From Vista Manager EX version 3.6.0 onwards, you will no longer see network status badges if there are no devices or events in that category. This change applies to the **Dashboard** and **Event Log**.

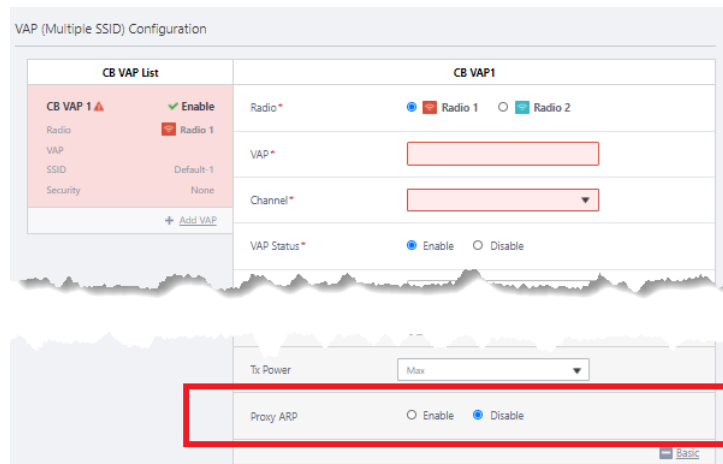
Network Details



Proxy ARP support for TQ5403 and TQ5403e

Applicable to Vista Manager installations with the AWC plug-in.

From Vista Manager EX version 3.6.0 onwards, the AWC plug-in will support proxy ARP for channel blanket profiles. You can apply this configuration on TQ5403 and TQ5403e devices only. This feature requires the AP to be running firmware version 6.0.1-6.1 or later.



TQ6602 support

Applicable to Vista Manager installations with the AWC plug-in.

From Vista Manager EX version 3.6.0 onwards, the AWC plug-in will also support TQ6602 APs. You can now configure these additional functionalities:

- Channel blanket settings
- SNMP settings
- WDS mode
- Fast roaming
- Inactivity timer

Note: Registering both TQ6602 and TQ5403 series APs in the same channel blanket group is not supported.

Improvements to the AWC floor map

Applicable to Vista Manager installations with the AWC plug-in.

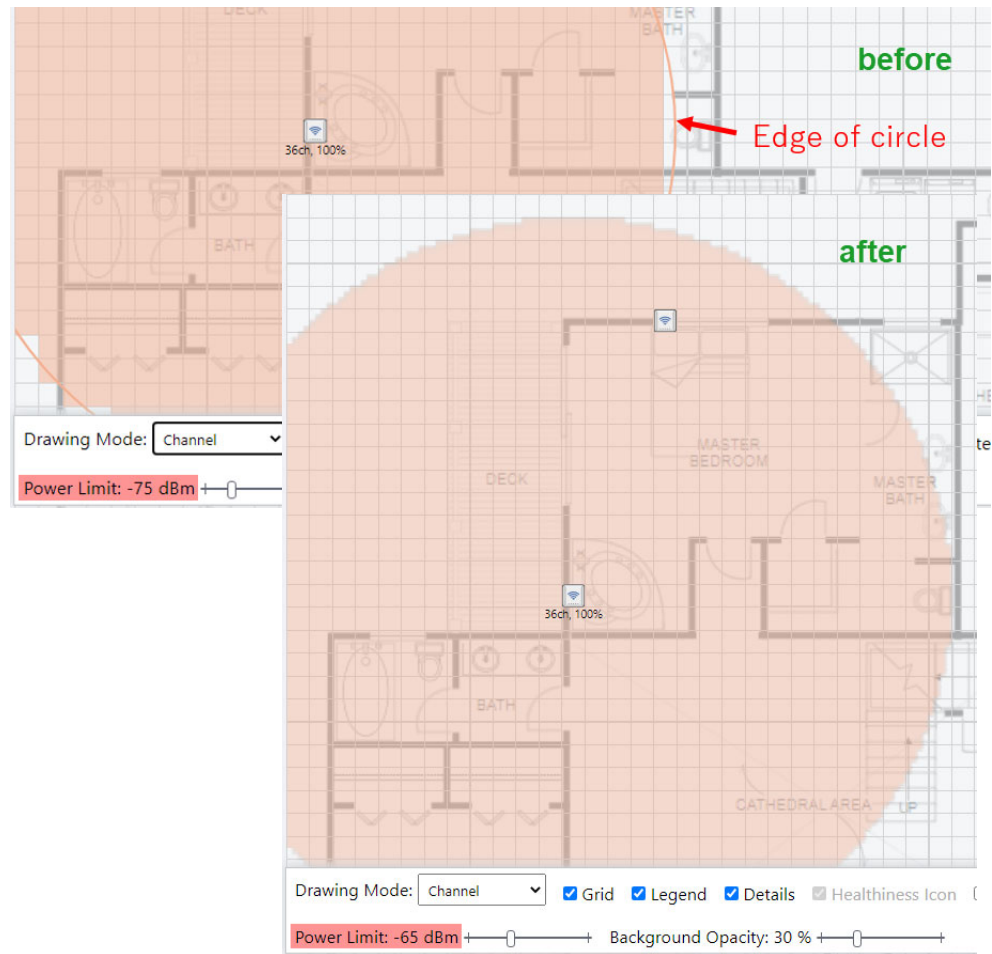
From Vista Manager EX version 3.6.0 onwards, the AWC plug-in adds new functionality and enhancements to the floor maps.

Heatmap

The heatmap resolution will be enhanced at least two-fold, depending on the browser used. Browsers other than Internet Explorer will display heatmaps at a resolution four times higher than before. Colorized pixels will be used to draw the heatmap instead of colored rectangles previously.

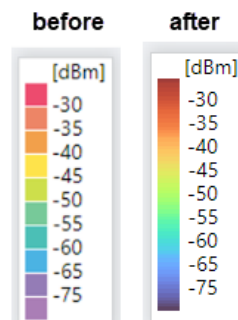
The edge of the circle that shows when drawing a channel on the heatmap has been removed.

The default value of the power limit has changed from -75 dBm to -65 dBm.



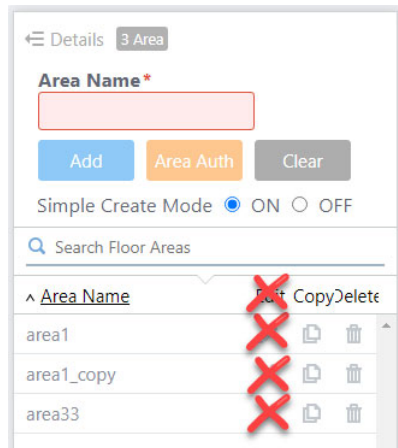
Legend

The number of colors in the legend will increase from 10 to 64, resulting in a finer display.



Floor area

The Edit Area functionality has been removed. An area cannot be drawn until an area name is given. When any floor area is not selected or has no name, you can drag or move the floor map.



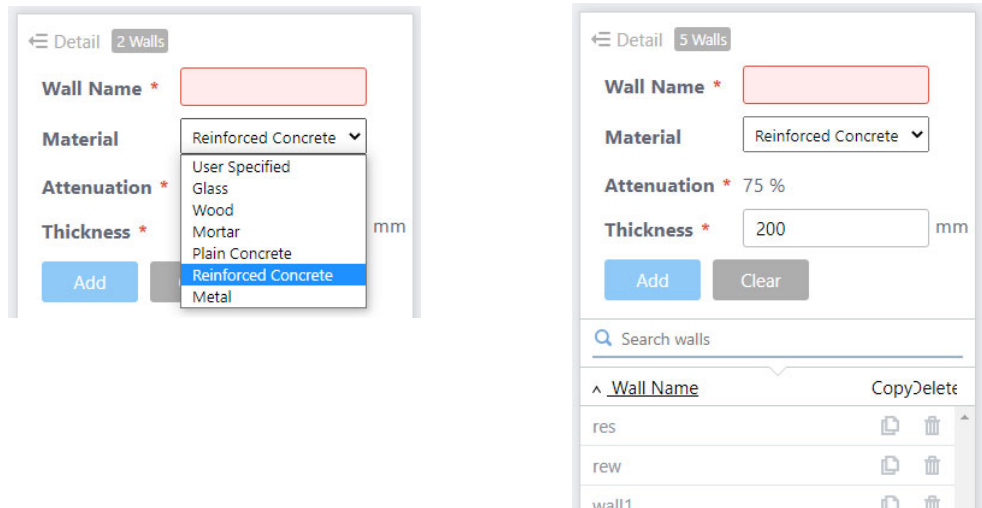
Floor walls

You can now draw floor walls, place them on approximate positions of the floor map, and decide to hide/show them.



You will be able to modify 4 settings of a wall:

- « **Name** of the wall with UTF-8 character input support, including Japanese
- « **Material** of the wall with 7 types available, including a user-specific one
- « **Attenuation** of an AP's radio wave after travelling through the wall
- « **Thickness** of the wall shows on the map as fixed if less than 250 mm



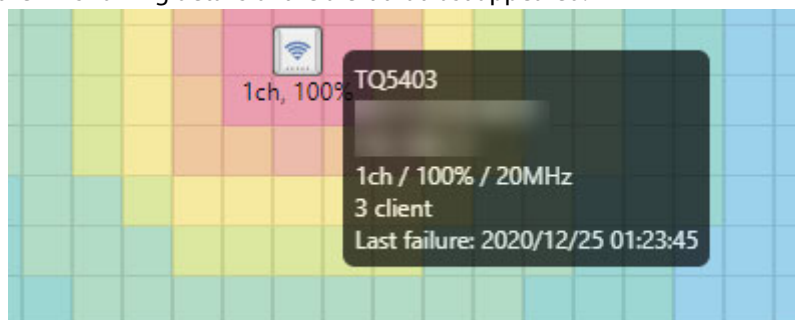
- A new floor wall cannot be created without first entering a wall name.
- Select a floor wall from the list or from the floor map.
- Edit mode becomes active if a floor wall is selected or a wall name is given.
- The color of the wall darkens with a higher attenuation.
- The width of the wall thickens if thickness is greater than 250 mm.

Alerts

From Vista Manager EX version 3.6.0 onwards, alerts for APs will continue to appear on floor maps, even after they transition from a state. Examples of such scenarios would be AP repeated reboots, unplugged Ethernet cable, or states like configuring, searching, failed modes.

The status transition from failed to searching takes just a few seconds. Previously, the alerts would appear only for a few seconds causing users to miss seeing them.

When the state of an AP changes to managed, the alert disappears. There will be a pop-up next to the AP showing details of the alert that last appeared.



Important Considerations Before Upgrading

This section describes changes that may affect Vista Manager EX or your network's behavior if you upgrade. Please read it carefully before upgrading.

AMF software version compatibility

- All AMF nodes must run version 5.4.9-0.1 or later.
- Some of the latest functionality is only available on AMF nodes running version 5.5.1-0.1 or later.

Wireless AP software version compatibility

- TQ6602 APs with firmware version 7.0.0-1.3 or later. Some of the latest functionality is only available on APs running version 7.0.1-0.1 or later.
- TQ5403 series APs with firmware version 5.0.x or later. Some of the latest functionality is only available on APs running version 6.0.1-6.1 or later.
- TQ4x00/3x00/2450 APs with firmware version 4.2.x

Internet Explorer 11 compatibility

When using the Vista Manager EX 3.6.0 integrated map with Internet Explorer 11, you may find performance to be slower, particularly with large maps. Therefore, we recommend using a different browser, especially if you have a large network.

Virtualization Support

The Vista Manager EX virtual appliance is not supported on VMware vSphere Hypervisor (ESXi) 5.5. Please upgrade to VMware vSphere Hypervisor (ESXi) 6.0/6.5/6.7 if you wish to use this version of Vista Manager EX.

Vista Manager plug-ins

Vista Manager plug-ins are not available on the standalone Vista Manager appliance. They are available on all other Vista Manager implementations.

Vista Manager SNMP plug-in

Applicable to Windows-based Vista Manager installations with the SNMP plug-in.

Prior to version 3.6.0, the Windows-based version of Vista Manager supported a lowercase URL for registering the plug-in. If you are upgrading from an earlier version, or porting to a different platform, please re-register the SNMP plug-in using a mixed-case URL.

Server URL: `https://<ip-address>:6443/NetManager`
where <ip-address> is the IP address of the SNMP plug-in.

Disabling Internet Breakout disables all PBR rules

Internet Breakout uses policy-based routing (PBR) rules. When you use Vista Manager EX to disable Internet Breakout, it disables all PBR rules, including:

- rules created by SDWAN, and
- rules created by Internet Breakout, and
- rules created manually through the CLI.

Integrated map won't display some links from earlier versions

If you are running some older versions of AlliedWare Plus, the links will not be displayed on the integrated map. Any device running AlliedWare Plus version 5.4.5 or earlier will not have its links shown on the map.

In addition, links from x908 GEN1 and x200 devices will not be shown on the integrated map.

Traffic map data not restored

When you are upgrading to Vista Manager EX 3.6.0, traffic map data from earlier versions will not be imported.

Obtaining User Documentation

Vista Manager documentation

Installation Guides, User Guides and Release Notes for Vista Manager EX are available on our website, alliedtelesis.com.

AMF documentation

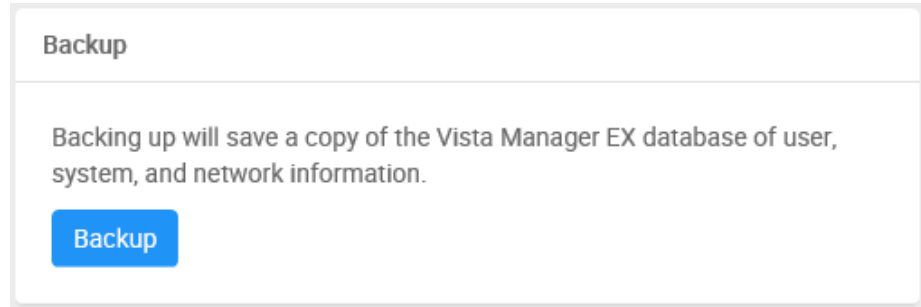
For full AlliedWare Plus documentation, see our online documentation library. For AMF, the library includes the following documents:

- the [AMF Feature Overview and Configuration Guide](#)
- the [AMF Datasheet](#)
- the [AMF Cloud \(VAA\) Installation Guide](#).

Upgrading Vista Manager as a virtual appliance

To upgrade Vista Manager as a virtual appliance, use the following steps:

1. Log on to your current Vista Manager. From the System Management page, backup the database to a safe location.



2. Download the software files for Vista Manager EX from the [Software Download area of the Allied Telesis website](#).
3. Import and start the new version of Vista Manager on your virtual machine host, following the instructions from the Vista Manager EX Installation on the [Allied Telesis website](#).
4. In the new Vista Manager, log in using the default credentials.
5. A dialog displays once you have logged in. On the displayed dialog, click the "Upload existing profile backup" link.

[upload existing profile backup](#)

6. Browse to and upload the backup you created in Step 1.

Upload existing backup file



7. In the new Vista Manager, log in again using the credentials from your current Vista Manager. Check that everything is functioning correctly, and that your settings have been correctly imported.
8. If you use a TLS proxy to provide HTTPS access to Vista Manager, then when you are satisfied that the new Vista Manager is working correctly, reconfigure your TLS terminating proxy to point to the new Vista Manager and stop the current one.

Upgrading Vista Manager as a Windows-based installation

Windows-based Vista Manager has two optional plug-ins. These can be upgraded at the same time as Vista Manager EX.

Obtain the executable files

1. Download Vista Manager EX from the [Allied Telesis download center](#). If you are going to install the AWC and/or SNMP plug-ins then download these files from the same location.
 - The Vista Manager EX installation executable is named 'atvmexXXXbXXw.exe', with the Xs denoting the version and build numbers.
 - The AWC plug-in is called 'atawcXXXbXXw.exe'.
 - The SNMP plug-in is called 'atsnmpXXXbXXw.exe'.

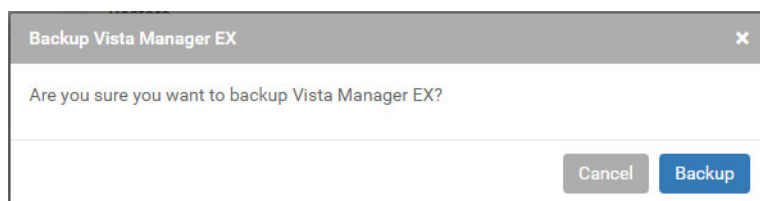
Do not rename these files. The installation requires them to be in this format.

2. Put the executables for Vista Manager and any plug-ins you wish to install in a single folder. This folder must be accessible from the machine you wish to install Vista Manager on.

Backup Vista Manager EX and the plugins

Backup Vista Manager EX

3. Log on to your Vista Manager EX and select the System Management page.
4. Click on the Backup button in the Database Management Pane.
5. Click Backup again to confirm you wish to make a backup.



This automatically downloads a **tar** file backup to your default download location.

Backup the SNMP plug-in

6. If you have the SNMP plug-in installed then log on locally to the Vista Manager EX server.
7. Stop the SNMP server services using the shortcut or by running the following command line.

```
"<Vista Install Path>\Plugins\AT-SNMP\NetManager\bin\svr cmd.bat" svrstop
```

8. Run the backup utility by using the shortcut or by running the following command line.

```
"<Vista Install Path>\Plugins\AT-SNMP\NetManager\bin\SMBackup.exe"
```

Follow the instructions on the screen.

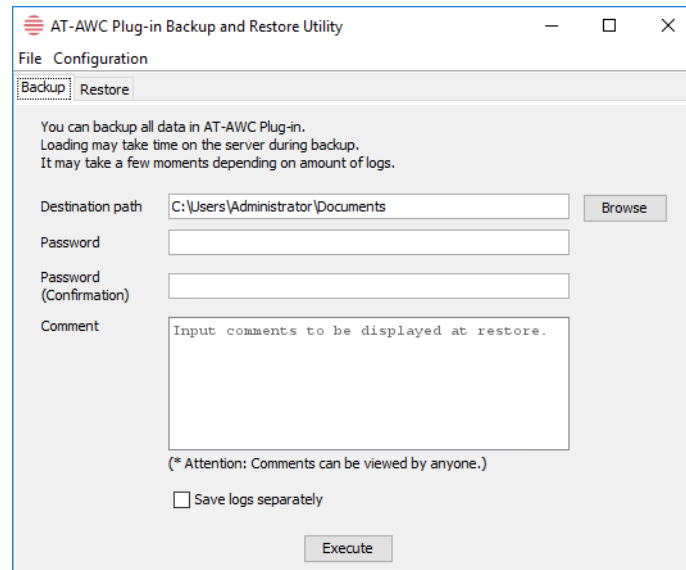
Backup the AWC plug-in

9. If you have the AWC plug-in installed then log on locally to the Vista Manager EX server.
10. Stop the AWC server services using the shortcut or by running the following command line.

"<Vista Install Path>\Plugins\AT-AWC\root\stopserver.bat"

11. Run the backup/restore utility by using the shortcut or running the following command line.

"<Vista Install Path>\Plugins\AT-AWC\tools\maintenance\maintenance.bat"



12. Select the backup tab and follow the instructions on the screen.

Note: The default location of <Vista Install Path> is **C:\Program Files (x86)\Allied Telesis\AT-Vista Manager EX**

Uninstall the existing version

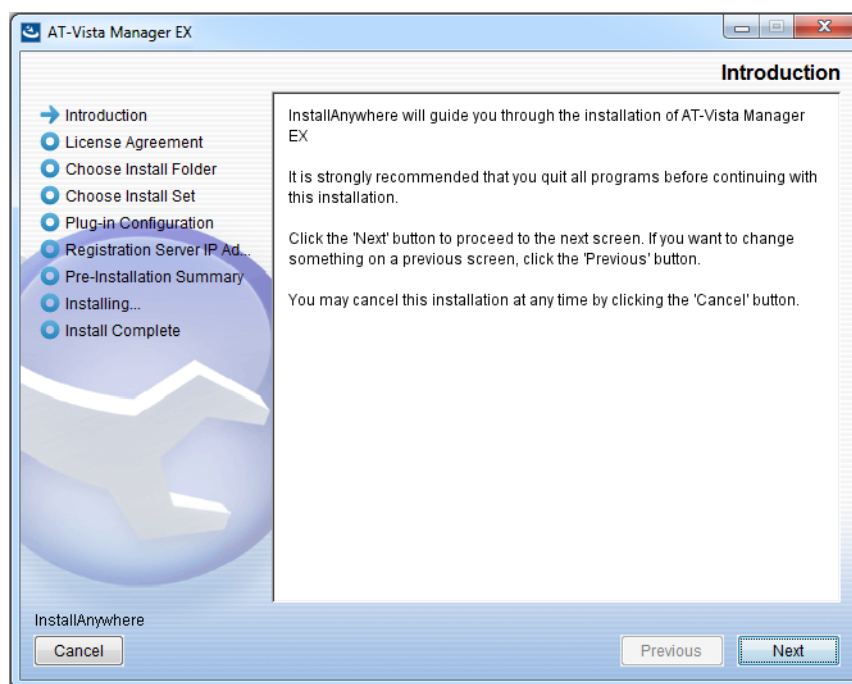
13. Log on as the same user as when installing.
14. Stop the server. Select **AT-Vista Manager EX** and then **AT-Vista Manager EX - Stop Server** from the Windows menu.
15. From the Windows menu, select **AT-Vista Manager EX** then **AT-Vista Manager EX - Uninstall**.
16. The AT-Vista Manager EX uninstaller starts.
17. Click the **Uninstall** button to uninstall.
18. If a dialogue box prompting you to restart the system is displayed, select **Restart the system** or **Restart later** and click the **Finish** button.
19. Delete the installation folder. The default installation folder is:
C:\Program Files (x86)\Allied Telesis\AT-Vista Manager EX
20. Reboot the system.

Install the new version

21. Execute the Vista Manager EX installation program 'atvmexXXXbXXw.exe'.

Note: You must have administrator privileges to run the installer.

22. The **Introduction** dialog displays:



This wizard will guide you through the installation of the latest version of Vista Manager EX. Click **Next**.

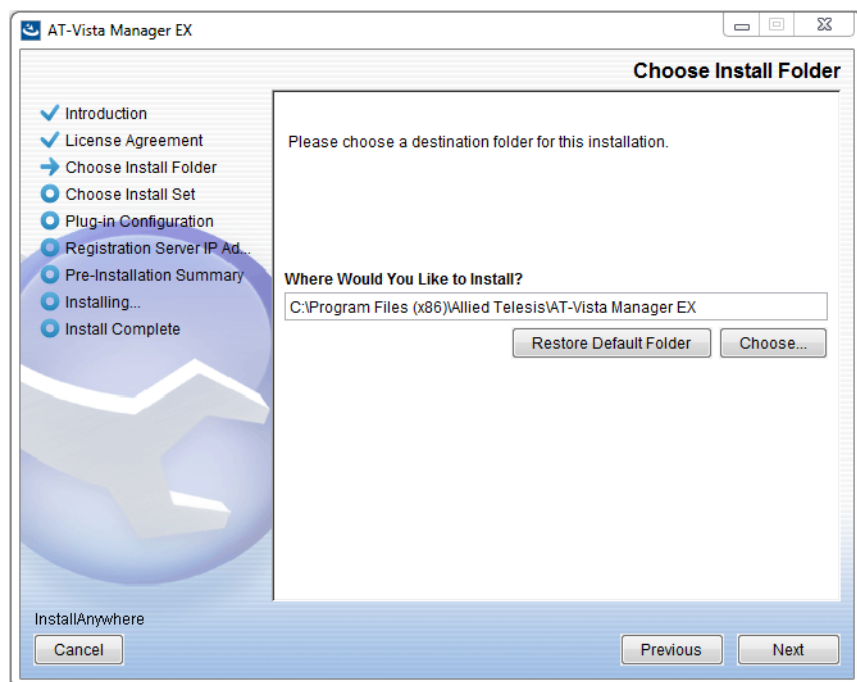
23. The **License Agreement** dialog displays:



Read the software license agreement terms and conditions. If you agree to accept the terms of the license agreement:

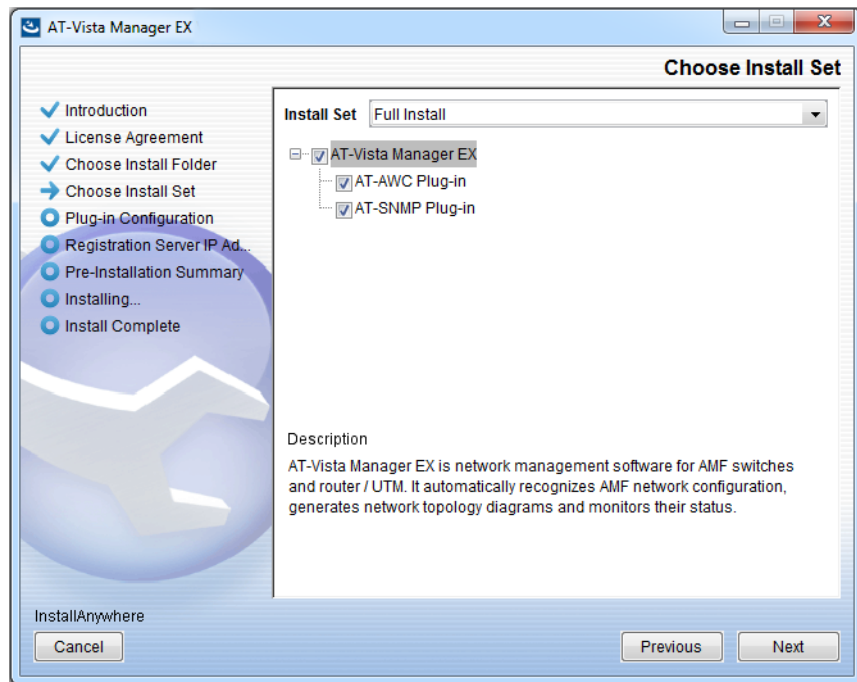
- Click **I accept the terms of the License Agreement**
- Click **Next**

24. The **Choose Install Folder** dialog displays:



Select a destination location and click **Next**.

25. The **Choose Install Set** dialog displays:



Select **Full Install** from the drop down list. By default all plug-ins will be selected. Clear the check box for any plug-ins you do not wish to install. Click **Next**.

26. The **Plug-In Configuration** dialog displays:



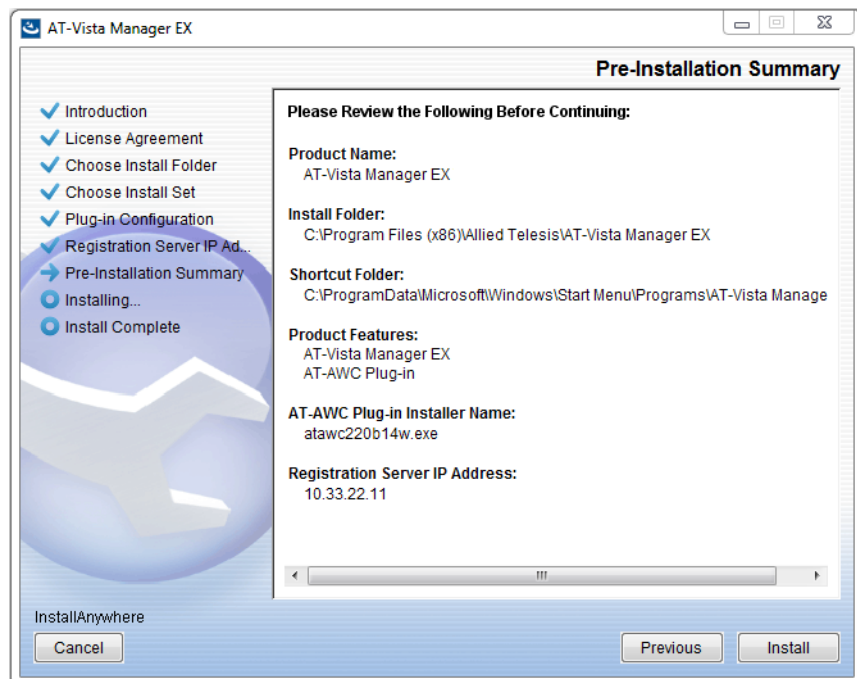
Select **Do not create a public key** unless you are intending to use the plug-ins in standalone mode. For more information on standalone mode, refer to the Installation Guide. Click **Next**.

27. The **Registration Server IP Address** dialog displays:



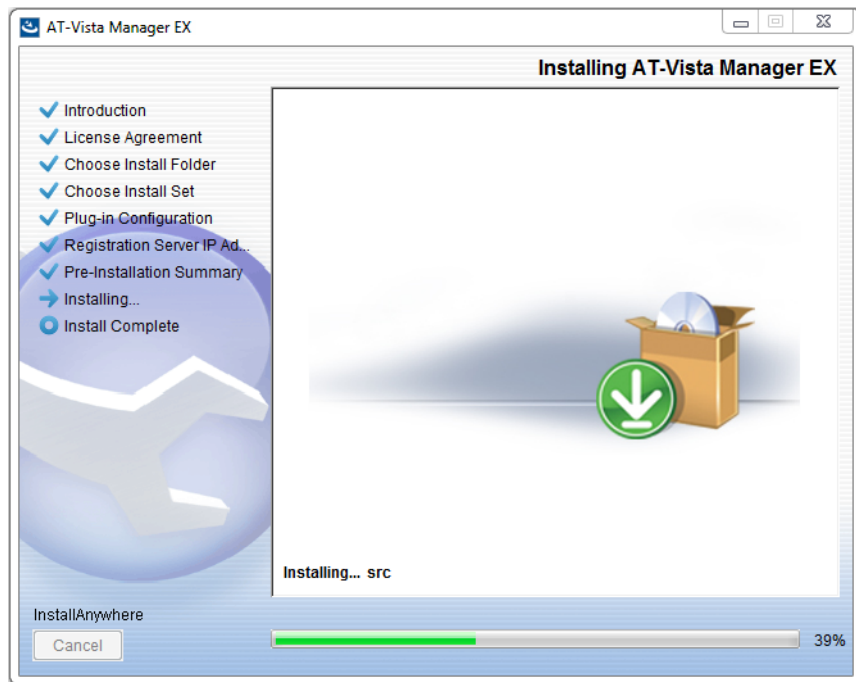
Either select from the list of IP addresses already configured on the Windows machine, or input a valid IP address. Click **Next**.

28. The **Pre-Installation Summary** dialog displays:

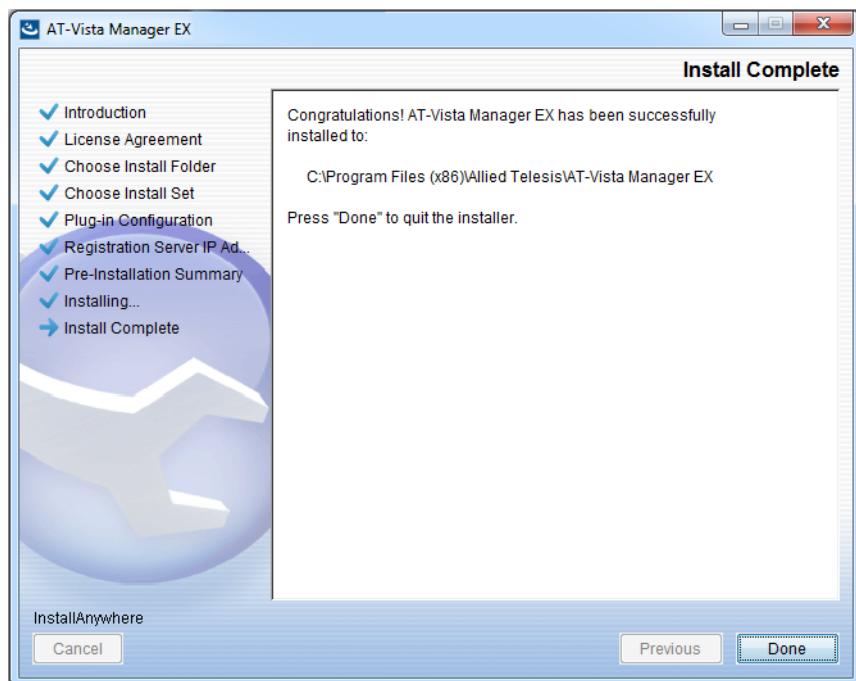


Check that your Product Name, Install Folder, Shortcut Folder, Product Features, Plugin Installer Name and Registration IP Address are correct, and then click **Install**.

29. The **Installing...** dialog displays:



30. Once the installation is complete you will see the **Install Complete** dialog:

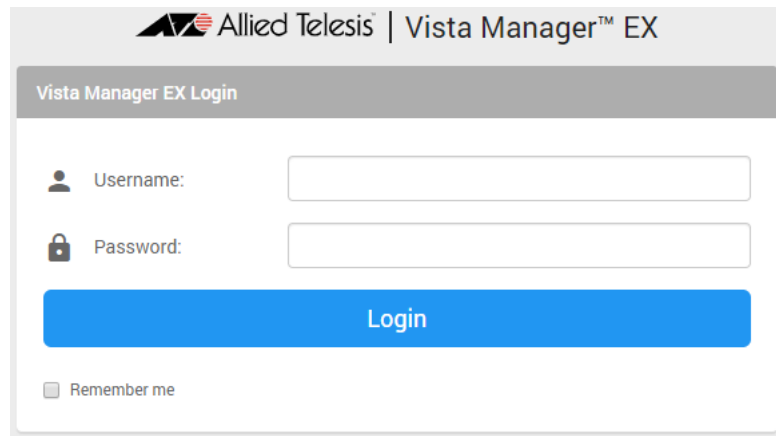


Check that the installation has completed successfully and click **Done**.

Restore the Vista Manager database

After the upgrade is complete, you need to restore the Vista Manager database. To do this, use the following procedure.

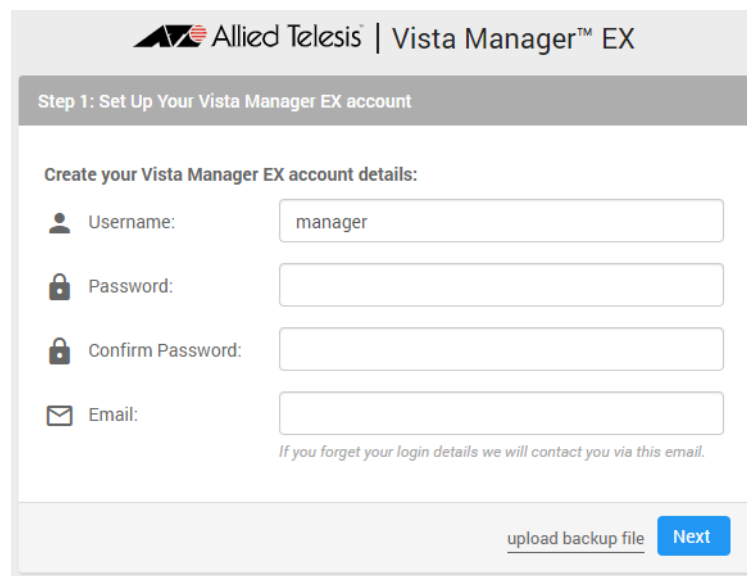
31. Login to Vista Manager.



The screenshot shows the login interface for Vista Manager EX. At the top, the Allied Telesis logo and 'Vista Manager™ EX' are displayed. Below this is a grey header with the text 'Vista Manager EX Login'. The main content area contains a 'Username:' label with an adjacent input field, a 'Password:' label with an adjacent input field, a prominent blue 'Login' button, and a 'Remember me' checkbox at the bottom left.

Enter the **Username** manager and the **Password** friend. Click Login.

32. Click on upload backup file.



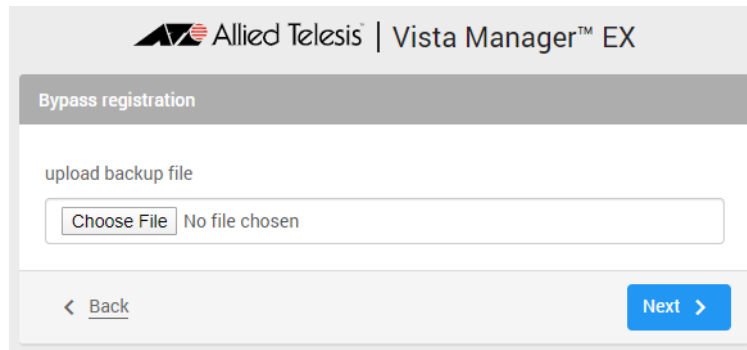
The screenshot displays the account setup page for Vista Manager EX. The header includes the Allied Telesis logo and 'Vista Manager™ EX'. The main heading is 'Step 1: Set Up Your Vista Manager EX account'. Below this is a section titled 'Create your Vista Manager EX account details:'. It contains four input fields: 'Username:' (with 'manager' entered), 'Password:', 'Confirm Password:', and 'Email:'. A note below the email field states, 'If you forget your login details we will contact you via this email.' At the bottom right, there is a link for 'upload backup file' and a blue 'Next' button.

Caution Your serial number and license information are part of your database backup. If you upload the backup file when upgrading, you will keep the same serial number, and your licensing will continue to work without interruption.

However, if you configure a new instance of Vista Manager EX, without uploading your backup, a new serial number will be generated, and your existing licensing will no longer work. You will need to contact Allied Telesis support to generate a new license.

Therefore, it is **STRONGLY** recommended that you upload your database backup to ensure your licensing keeps working.

33. Select the database backup to upload. Click on Choose File, and browse to your Vista Manager database backup. Click Next. The Vista Manager database will be restored.



Restore the SNMP plug-in

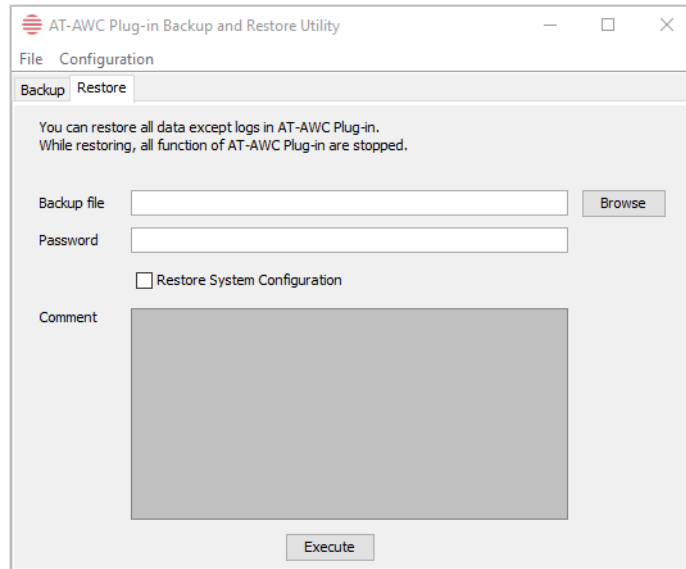
34. If you have the SNMP plug-in installed then log on locally to the Vista Manager EX server.
35. Stop the SNMP server services using the shortcut or by running the following command line.
"<Vista Install Path>\Plugins\AT-SNMP\NetManager\bin\svrcmd.bat" svrstop
36. Run the restore utility by using the shortcut or by running the following command line.
"<Vista Install Path>\Plugins\AT-SNMP\NetManager\bin\SMRestore.exe"
Follow the instructions on the screen.

Restore the AWC plug-in

37. If you have the AWC plug-in installed then log on locally to the Vista Manager EX server.
38. Stop the AWC server services using the shortcut or by running the following command line.
"<Vista Install Path>\Plugins\AT-AWC\root\stopserver.bat"
39. Run the backup/restore utility by using the shortcut or running the following command line.
"<Vista Install Path>\Plugins\AT-AWC\tools\maintenance\maintenance.bat"

40. Select the restore tab on the dialog and follow the instructions on the screen.

Note: By default, restoring the AWC database will not restore the system configuration. You can restore the system configuration by checking the Restore System Configuration checkbox in the backup/restore utility.



We recommend that you check the Restore System Configuration checkbox, as it will allow you to restore the following system configuration settings:

- Database Settings
 - « Maximum Memory Usage
- Data Retention Period Settings
 - « Associated Client History
 - « Client Location Estimation History
 - « IDS Report History
- Network Map Settings
 - « Wireless Client Update-Interval
- Client Location Estimation History data

The system configuration contains settings that are tailored to the machine that created the backup. If you are restoring the backup on a different machine, particularly if that machine has a lower specification, it is recommended not to restore the system configuration.

Note: The default location of <Vista Install Path> is **C:\Program Files (x86)\Allied Telesis\AT-Vista Manager EX**

Upgrading Vista Manager on VST-APL

See the [Vista Manager Network Appliance \(VST-APL\) User Guide](#).

Troubleshooting

See the Troubleshooting chapter in the [Vista Manager EX User Guide](#).

