

Release Note for AT-VST-APL Vista Manager Appliance Software Version 3.1.x



» VST-APL v3.1.1



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Contents

VST-APL Software Version 3.1.1	2
Introduction	2
Features in VST-APL software version 3.1.1	2
Upgrading software	3
Upgrading the operating system and GUI	3
Upgrading application software	5
Adding the SNMP Plug-in application	8
Accessing the Web-based VST-APL GUI	12

VST-APL Software Version 3.1.1

Product family supported by this version: AT-VST-APL Vista Manager Network Appliance Series

Introduction

This release note describes the AT-VST-APL Vista Manager Network Appliance running VST-APL software version 3.1.1 and the new software features in this version.

You can obtain the VST-APL software from the Software Download area of the Allied Telesis website. Log in using your assigned email address and password.

The following table lists model names that support this version:

Table 1: VST-APL Models

Models	Family
AT-VST-APL-06 AT-VST-APL-10	VST-APL

Features in VST-APL software version 3.1.1

VST-APL software version 3.1.1 supports:

- the full SNMP application
- new versions of the VST-APL software and the applications as listed in the following table:

Software	FILENAME	VERSION
VST-APL software	ATVSTAPL-1.2.1.iso	1.2.1
Vista Manager	vista-x86_64-3.5.0.app	3.5.0
AMF Cloud	AMF-x86_64-5.5.0-2.3.app	5.5.0-2.3
Wireless Controller (AWC)	awc-x86_64-3.5.0.app	3.5.0
AMF Security	sesc-x86_64-1.8.1.app	1.8.1
SNMP Trap Receiver	snmp-x86_64-2.5.0.app	2.5.0
SNMP-Full	fullsnmp-x86_64-2.6.0.app	2.6.0



Upgrading software

This section describes how to:

- "Upgrading the operating system and GUI" on page 3
- "Upgrading application software" on page 5
- "Adding the SNMP Plug-in application" on page 8

Upgrading the operating system and GUI

To upgrade the VST-APL operating system, follow these steps.

- 1. Get the latest version of the appliance software from the Software Download Centre. This will have a filename like ATVSTAPL-x.x.x.iso, where x.x.x is the version. Download it to a directory that the appliance can reach, such as the device your GUI browser is running on.
- 2. If you want to retain current unsaved configuration on the appliance, click the **Save** button at the top right of the VST-APL GUI page. This stores the current state of the applications. The upgrade process will reboot the appliance.
- You need the new image file in the appliance persistent storage to change the running software. Navigate to the System > File Management page. Upload the software image file to persistent storage by clicking the Upload button.

	Allied Telesis	VST-APL-06	A10358F202900001	Up time: 3 days 04:0	💄 Admin	B Save
& ⊕	Dashboard Network Infrastructure $ \smallsetminus $	File Management	:		් Reboot (၂) ද	Shutdown
*	User Management	Set Boot Release File				
*	File Management	Current: ATVSTAPL-1.2.1.iso			0	Browse
	Container Services Logging	Flash Usage				
	Monitor Time	75%			7.0G	/ 9.9G
	About	/fs /flash			Generate Tec	h Support
Ľ	Vista Manager	Name 🗸	Modified —	Size(bytes)	Actions	
0 0	AMF Cloud AMF Security	AMF-x86_64-5.5.0-2.3.app	24/12/2020, 10:53:21 a	m 20679024	Download i	Delete
D	Wireless Controller	awc-x86_64-3.5.0.app	24/12/2020, 10:53:11 a	m 126787468	Download	Delete
D	Trap Receiver	default.cfg	9/03/2021, 9:36:40 am	10471	Download i	i Delete
D	SNMP Plug-in	fullsnmp-x86_64-2.6.0.app	26/01/2021, 8:56:00 am	104207016	Download	Delete

4. Click Browse in the Set Boot Release File panel to display available software files.

Set Boot Release File							
Current:	ATVSTAPL-1.1.2.iso	D Browse					



5. Select the new software version and click **Apply**.



6. Reboot the appliance by clicking the green **Reboot** button at the top right of the **File Management** page.



7. Click **Reboot** again to confirm.

Reboot Device	×
Are you sure you want to reboot?	
	Cancel Reboot

The appliance will gracefully shut down any applications that are running, install the new version of the VST-APL operating system, and restart any applications that were running when the appliance configuration was last saved. This may take several minutes. The appliance configuration, including IP addressing, is retained from the last time it was saved.

- 8. When the upgrade has completed, you will need to re-authenticate to access the appliance.
- 9. To verify the currently running software version, navigate back to the **System** > **About** page and look at the details there.

Upgrading application software

To upgrade an application to a new version, you need the new application image file to be saved in the application persistent storage. Get the new application image from the Software Download Centre. Download it to a directory that the appliance can reach, such as the device your GUI browser is running on.

To upgrade an application, follow these steps.

- 1. In the VST-APL GUI, navigate to the **System** > **File Management** page.
- 2. Upload the new application image file to persistent storage using the **Upload** button.

File Manager	ment					S Reboot	ل) Shutdo
/fs /flash		00	pload Generate T	ech Support	Set Boot R	elease File	
Name 🗸	Modified —	Size(bytes) —	Actions		Current:	ATVSTAPL-1.2.1.is o	Brows
AMF-x86_64-5.5.0-2.3.app	12/23/2020, 2:03:20 PM	20679024	Ownload	Delete			
awc-x86_64-3.5.0.app	12/23/2020, 2:03:20 PM	126787468	Download	Delete	Flash Usag	je	3.16/9.90
fullsnmp-x86_64-2.6.0.a	12/23/2020, 2:03:20 PM	104207016	Download	Delete		_	
log	5/25/2021, 8:47:01 AM						
sesc-x86_64-1.8.1.app	12/23/2020, 2:03:21 PM	40132136	Download	T Delete			
snmp-x86_64-2.5.0.app	12/23/2020, 2:03:21 PM	211087756	Download	Delete			
Vista-x86_64-3.2.2.app	5/25/2021, 11:36:09 AM	401102548	Download	Delete			
vista-x86_64-3.5.0.app	12/23/2020, 2:03:21 PM	375573808	O Download	Delete			

3. Navigate to the application page in the VST-APL GUI. Stop the application by clicking the **Stop** button to its right in the **Deployed Applications** panel. Wait till it shows that it is stopped. This could take a few minutes.

Vis	sta Manage	er			
'ista Ma he dash owerfu	anager is a graphical netwo hboard—including network (Il features like service and p	ork monitoring and management to details, status, event information ar performance monitoring, control of	ol for Allied Telesis Management Fi nd a topology map, where critical is wired and wireless devices, and au	ramework networks. Enjoy sues are highlighted for tin itomation tools, makes net	complete network monitoring from nely resolution. Intuitive access to working easy.
or mor	re information contact your	local Allied Telesis sales represent	ative. Find your local Allied Telesis	office at www.alliedtelesis.	com/contact
mage	e server poli interval	Disabled -			
mage Deplo	oyed Application CPU Load (%)	Memory (MB)	Storage (MB)	State	

4. Hover over the instance information icon
to the left of the application in the Deployed Application panel. You will see the **Instance Information** pop-up panel.

Deployed Application					
CPU Load (%)	Memory (MB)	Storage (MB)	State		
0		204800MB	Stopped	Testroy	► Start
Instance Informa	ation: AT-Vista-app	Configure			
Name	AT-Vista-app				
Compute ID	A10358F202900001				
Image	vista 3.2.2	Upgrade			
Network: eth0	Network Type: Virtual VLAN ID: 1 MAC: 02:88:22:46:B1:2A DHCP: true				

- 5. Click Upgrade.
- 6. In the **Application Configuration** panel, select the application version to upgrade to and click **Apply**. This sets the new version for the application.

Арр	lication Configuration	×
TI re	his provides the ability to upgrade the Application Instance when a new version is eleased.	
Image	e Version 3.5.0	^
vi	ista-3.2.2	
vi	ista-3.5.0	Ŧ
	Cancel	pply

7. Click the **Start** button in the right of the Deployed Application panel to restart the application. This may take a few minutes. Appliance and application configuration remain unchanged.

Deplo	yed Application				
	CPU Load (%)	Memory (MB)	Storage (MB)	State	
0			204800MB	Stopped	Destroy Start



8. Once the application has started, you can **Open** the application and login. Note, not all applications include the Open button or a provide a login.



9. Login to the application.

	Alliec	Telesis	Vista	Manager™ EX	
Vista Ma	nager EX Login				
LUSernan	ne:				
Passwor	'd:				
				Remember me	Login
					8

This completes the upgrade process.

Adding the SNMP Plug-in application

- 1. To install the full SNMP Plug-in application, you need the new application image file to be saved in the appliance persistent storage. Get the new application image file from the **Software Download Centre**. Download it to a directory that the appliance can reach, such as the device your GUI browser is running on.
- 2. In the VST-APL GUI, navigate to the **System** > **File Management** page.
- 3. Upload the new application image file to persistent storage using the **Upload** button.

A	Dashboard		vez e et		5 Paboot (1) Shutdown
۲	Network Infrastructure 🗸	File Manage	ement		S REDUCT (S SHUTDOWN
	User Management				
٠	System 🔨	Set Boot Release File			
	File Management	Current: ATVSTAPL-1	.1.2.iso		🗅 Browse
	Logging	Flash Usage			
	Monitor Time	47%			4.4G / 9.9G
	About	lfe /Beek			hard Connecto Tarib Surrows
ø	Vista Manager	/15 / Hash		Size(bytes)	denerate recir adpport
D	AMF Cloud	Name 🗸	Modified —	-	Actions
o	AMF Security	AMF-x86_64-5.5.0-0.4	7/22/2020, 10:27:33 AM	20627060	▲ Download ■ Delete
Q	Wireless Controller	ATVSTAPL-1.1.2.iso	9/3/2020, 11:20:19 AM	64673792	O Download E Delete
ø	Trap Receiver	awc-x86_64-3.2.2.app	7/22/2020, 10:27:33 AM	131528736	♠ Download
		default.cfg	9/4/2020, 5:00:58 PM	1522	O Download E Delete

4. SNMP Plug-in is automatically added to the main menu list in the VST-APL GUI.





- 5. Click on the **SNMP Plug-in** menu.
- 6. Click Activate.



- 7. The Application Configuration panel opens.
- 8. Enter the Storage Size. The recommended size is 102,400 MB.

Application Configuration	×
Image Version 2.6.0	~
Storage Size (MB) 102400	
Advanced Scttings	~
Network 0 Networks / 0 DNS Servers	^
+ Add Network	
<u>+ Add DNS Server</u>	
Cancel	pply

- 9. Click +Add Network to create a network interface.
- 10. Configure a static address or select **Use DHCP**.

Application Configuration		×
Image Version	2.6.0	~
Storage Size (MB) 102400		
Advanced S ^E ttings		~
Network	1 Network / 0 DNS Servers	^
Interface Type Virtual External Network VLAN ID 1 Use DHCP + Add Network + Add DNS Server	Del MAC Address (Optional) 74:da:38:9c:6b:a4	ete
	Cancel	pply

11. Click **Apply**.

12. The SNMP Plug-in panel opens.

MP pr	ovides auto-discovery and mana etwork monitoring and enable pro	gement of a wide range of devices with o-active management with automated n	Simple Network Management Protocol. Dif otifications and alerts.	ferent network device views enable vis	ibility the way you prefer.
or more	e information contact your local A	llied Telesis sales representative. Find y	our local Allied Telesis office at www.allied	telesis.com/contact	
nage	server poll interval:	Disabled 🗸			
Deploy	yed Application				
Deploy	yed Application				
Deploy	yed Application CPU Load (%)	Memory (MB)	Storage (MB)	State	
Deploy	yed Application CPU Load (%)	Memory (MB)	Storage (MB)	State	_

Now open Vista Manager EX and register the plug-in: this is described next.



Registering the SNMP Plug-in using Vista Manager EX

In Vista Manager EX:

1. Go to the System Management > Plug-ins tab

≡	Allied Telesis Vista Manager EX My Networks	Q Search network 😁 manager 🗸						
🁚 Events	System Management	Tech Support الله						
👗 SNMP Plug-in 🗸 🗸	-,							
Service Monitoring	About Configuration Network Configuration Database Management Licens	es Plug-ins						
📇 User Management	Plug-in Management	\bigcirc						
System Management								
	Vista Manager's Certificate Fingerprints	Regenerate Certificate						
	SHA1 00:37:05:92:07:22:58:6A:10:94:48:59:AC:C3:09:2C:E4:F2:1F:77							
	0037/032/0722/000410.5940/03940/03940/0395/02472/17/7 SHA256 58:59/02/83/FD:84:37/CD:04/F3:83:4A:30.42:6F:17:04:CE:03:A5:7C:AC:8C:00:81:00:4D:00:55:50:05:53							
	Plug-ins Register Plug-in	Add Plug-in						

- 2. Click Add Plug-In.
- 3. In the **Plug-in Management** panel, enter the Server URL.

Allied Telesis Vista Manager EX My Networks	Allied Telesis Vista Manager EX My Networks Q Search network P manager								
System Management			H Tech Support						
About Configuration Network Configuration Dat	abase Management Licenses Plug-Ins								
Plug-in Management									
Vista Manager's Certificate Fingerprints			Regenerate Certificate						
9441 00.37.C5.92.07.22.58.64.10.94.48.59.4C.C3.09.2C.E4.F2.1F.77									
58 59 02 83 FD 84 37 CD D4 F3 83 4A 30 42 6F17 04 CE D3 A5 7C AC 8C D0 81 D0 4D D0 55 50 05 53									
Plug-ins	Register Plug-in								
	Server URL:								
	Communities in consistent								
	Galial angles is infiniter								
		Cancel	Verify Connection						
	Allied Telesis Vista Manager EX My Networks System Management About Configuration Network Configuration Dat Plug-in Management Vista Manager's Certificate Fingerprints sua 0037C532072258.6A10.94.48.5P.AC.C30P.2CE4.F2: sua25 Sis 990283FD.84.37 CD D4.F383.4A30.42.6F170.4CE Plug-ins	Allied Telesis Vista Manager EX My Networks System Management About Configuration Network Configuration Database Management Licenses Plug-ins Plug-in Management Vista Manager's Certificate Fingerprints swa 0037.0539.0722.58.64.10.94.48.59.AC.03.09.20.E4.F2.1F.77 swa 36 58.59.09.28.3FD.84.37.0D.04.F3.83.44.30.42.6F.17.04.CE.D3.A5.7C.AC.80.D0.81.D0.4D.D0.55.50.05.53 Plug-ins Register Plug-in Serve UR: Certer address to regieved.	Allied Telesis Vista Manager EX My Networks Q Search network System Management Allied Telesis Vista Manager EX My Networks Vista Manager EX My Network Configuration Database Management Licenses Plag-ins Plug-in Manager Scettificate Fingerprints Vista Manager's Certificate Fingerprints Vista Manager's Certificate Fingerprints Vista Manager's Certificate Fingerprints Vista Manager's Certificate Fingerprints Sistain 0037.05392072258.6A.110.94.48.59.A.C.0309.2C.E4.F2.1F.77 Sistain Configuration Vista Manager's Certificate Fingerprints Plug-ins Register Plug-in Vista Manager's Certificate Fingerprints Vistain Configuration Plug-ins Register Plug-in Vistain Configuration Vistain Configuration Sever URL: Sever URL: Sever URL: Sever URL: Sever URL: Sever URL: Sever URL: Sever URL:						

- 4. Click Verify Connection.
- 5. In the **Register Plug-in** verification panel, click **Save**.

Please verify these cert	ficate fingerprints match the	ones the plugin is reportin	n. Please consult voi	ir plugin's docum	entation for how to	view its certificate	fingerorints	
,		inee nie plagni ie reportin		in program account				
Plugin Certificate Finger	rints:							
SHA1								
86:1D:7E:8B:19:C1:1B	48:2E:A8:26:7A:2E:C5:A5:F5	:9D:20:14:62						
SHA256								
A1:69:8B:FF:0A:4B:3D	5F:49:95:19:1A:B7:34:79:A4	95:47:C0:A6:D1:AE:82:C	6:62:E9:96:03:F9:7/	A:24:05				

Accessing the Web-based VST-APL GUI

This section describes how to access the GUI to manage and monitor your Vista Manager Network Appliance.

These browsers are supported:

- Google Chrome™
- Mozilla Firefox[™]
- Microsoft Edge or Internet Explorer[™] 11 or later
- Apple Safari™.

The VST-APL GUI is pre-installed. Connect to the GUI by following these steps.

Step 1: Connect to the appliance.

Connect the appliance to the network by one of the front panel Ethernet ports. (The console port is for diagnostic use, not for device management.)

Step 2: Open a web browser and browse to the IP address for the appliance.

The appliance is set to accept an IP address from DHCP.

If DHCP does not assign one, it uses the default IP address 192.168.1.1/24.

For more information on starting the initial management session, see the Installation Guide.

Step 3: Log in to the GUI.

The default username is *manager* and the default password is *friend*. The web browser displays the VST-APL dashboard.

For more detailed information on starting the initial management session, see the Installation Guide for your appliance.

Once you have logged into the GUI, you can manage the appliance itself. You will need to activate each application you require. Use the application menu item in the dashboard menu in the web-based VST-APL GUI to activate, monitor, manage and access each application as needed for your network.

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