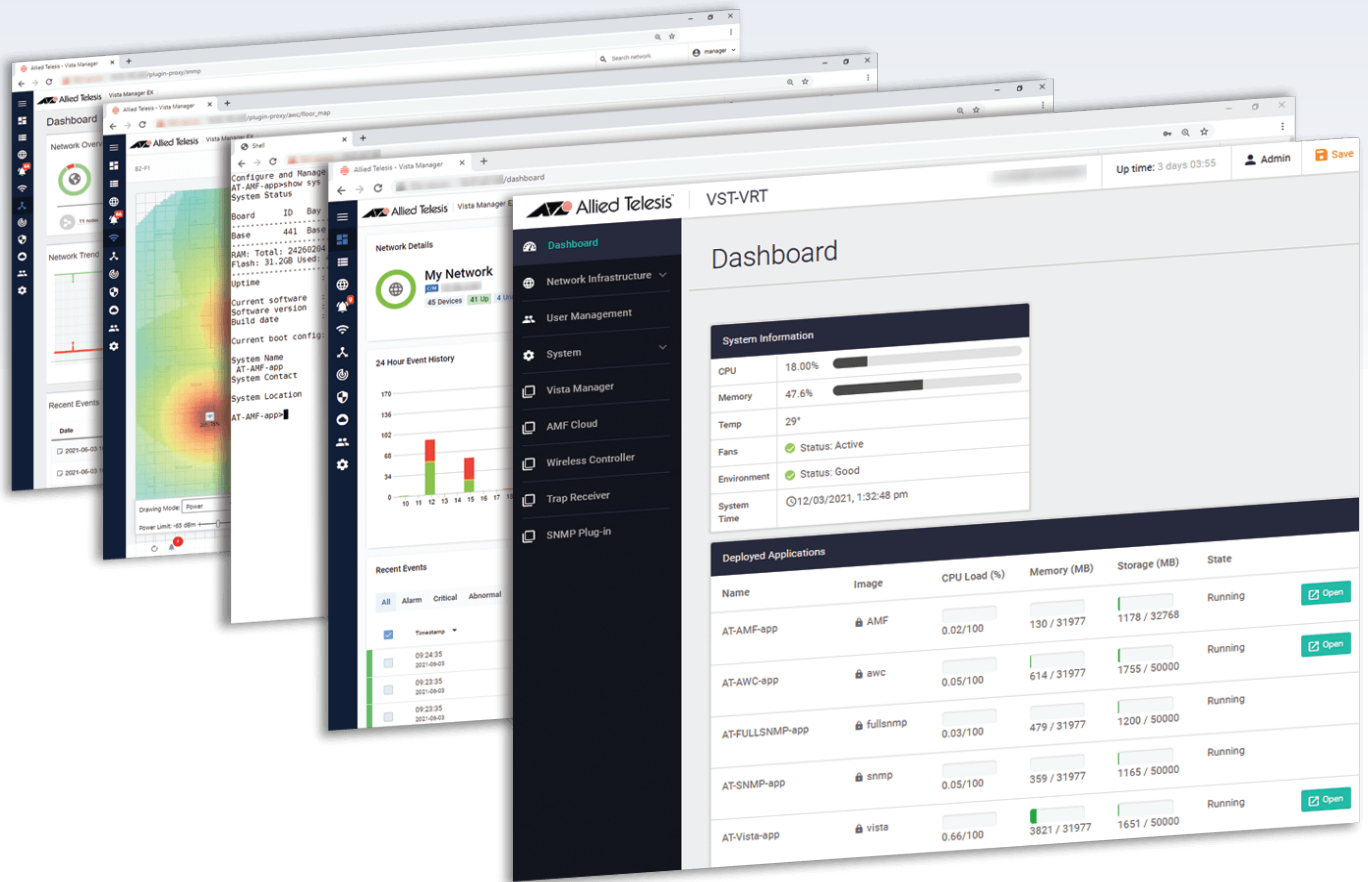


Release Note for AT-VST-VRT Vista Manager Virtual



» 1.2.1

AlliedWare Plus
OPERATING SYSTEM

Acknowledgments

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VST-VRT Software Version 1.2.1

Product family supported by this version:
AT-VST-VRT Vista Manager Virtual

Introduction

The virtual machine version of Vista Manager is called Vista Manager Virtual (VST-VRT). VST-VRT includes the tools to simplify and centralize management and security of your network. It provides an integrated graphical view for monitoring and management of wired, wireless and third-party devices. The VST-VRT software is an .iso file that you can use to boot a virtual machine. The VST-VRT GUI allows you to manage the virtual machine and to set up and access applications to run on it.

This release note describes Vista Manager Virtual running VST-VRT software version 1.2.1 and the new software features in this version.

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

The VST-VRT .iso is located in the Network Management Software product category. The file is named VST_VRT-1.2.1.iso, and is located under the Vista Manager 3.6.0 section.

This version of VST-VRT supports the following virtualization environments:

- Oracle VM VirtualBox version 5.2
- Oracle VM VirtualBox version 6.1

SUPPORT LIMITS	WITHOUT SNMP PLUGIN	WITH SNMP PLUGIN
AMF nodes	3000	1500
AWC wireless APs	600	600
SNMP nodes	-	1000

SYSTEM REQUIREMENTS	
Host OS	The following Linux operating systems are supported as the host for VirtualBox Version 5.2 and Version 6.1: Ubuntu Debian CentOS
CPU	Intel Core i5, 4 core processor, 2.5GHz or higher
Memory (RAM)	32GB
Storage Capacity	630GB
IOPS (Input/Output Per Second)	350,000 (Equivalent to SSD (Solid State Drive))
Network Interface	GbE x 1 (or 2 GbE NICs when using Ethernet bonding)

Features in VST-VRT software version 1.2.1

VST-VRT software version 1.2.1 supports:

- new versions of the VST-VRT 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_64-3.6.0.app	3.6.0
AMF Cloud	AMF-x86_64-5.5.1-0.1.app	5.5.1
Wireless Controller (AWC)	awc-x86_64-3.6.0.app	3.6.0
SNMP Trap Receiver	snmp-x86_64-2.5.0.app	2.5.0
SNMP-Full	fullsnmp-x86_64-2.6.0.app	2.6.1

Upgrading software

This section describes how to:

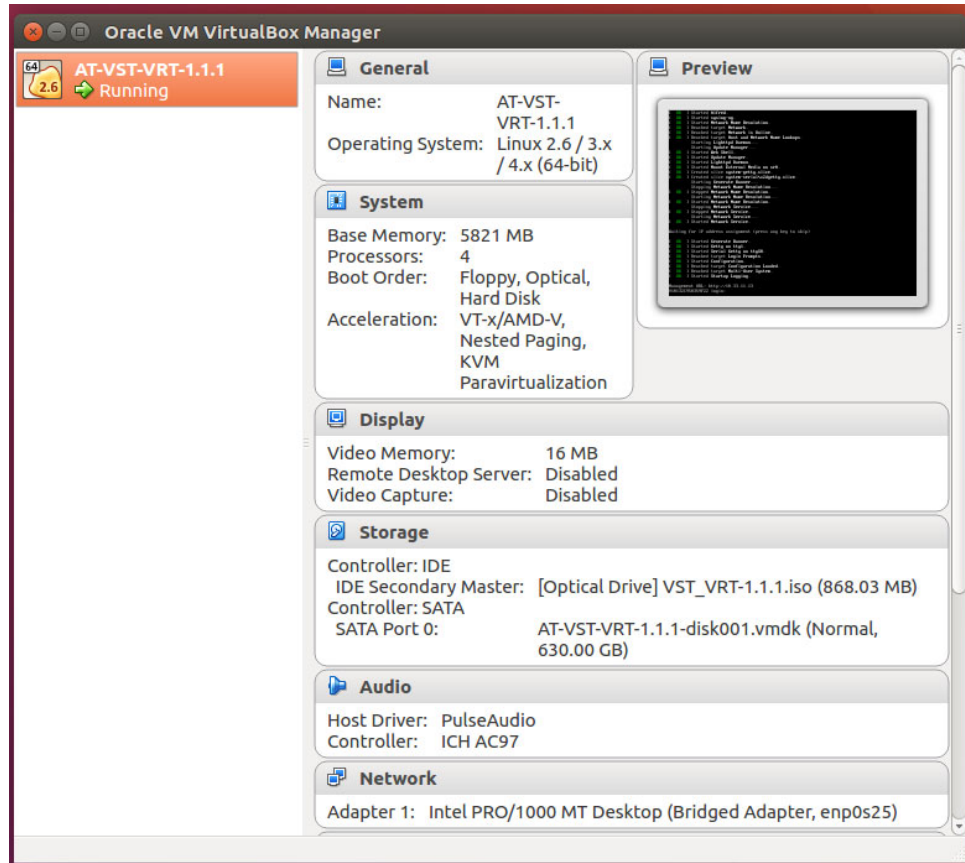
- [“Upgrading the operating system and GUI” on page 5](#)
- [“Upgrading application software” on page 11](#)

Upgrading the operating system and GUI

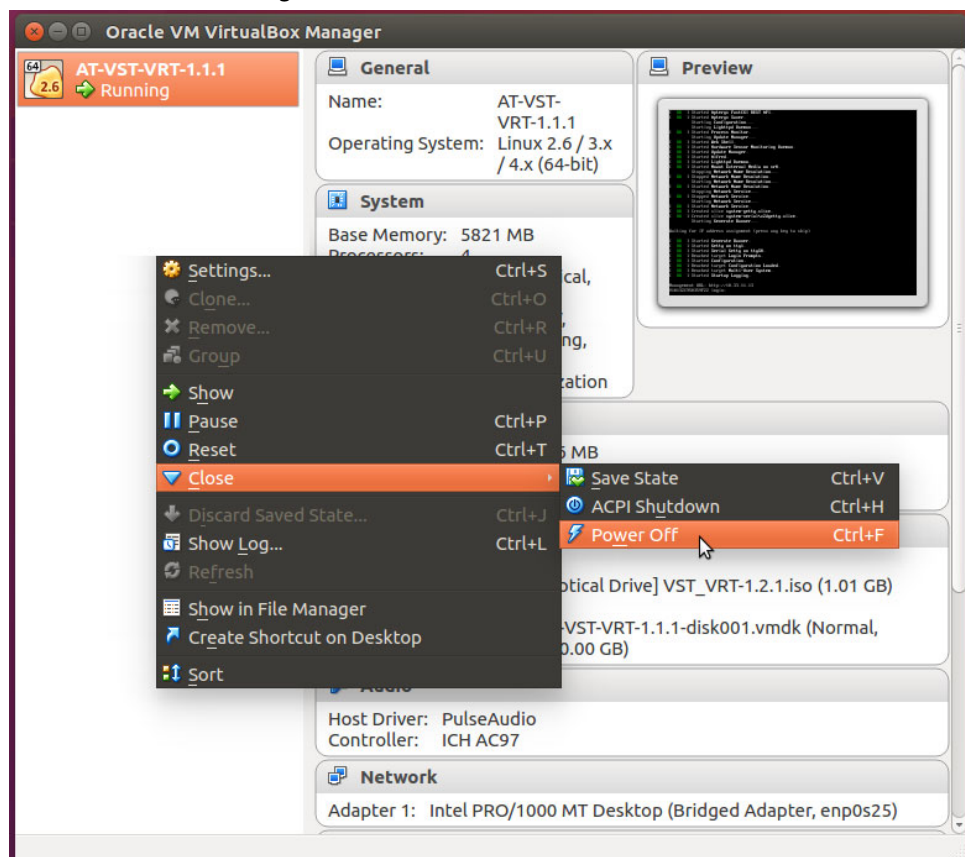
To upgrade the VST-VRT operating system, follow these steps.

1. Get the latest version of the VST-VRT software from the [Software Download Centre](#). This will have a filename like VST_VRT-x.x.x.iso, where x.x.x is the version. Download it to a directory that the virtual machine can reach, such as the PC your virtual machine 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-VRT GUI page. This stores the current state of the applications. The upgrade process will reboot the appliance.

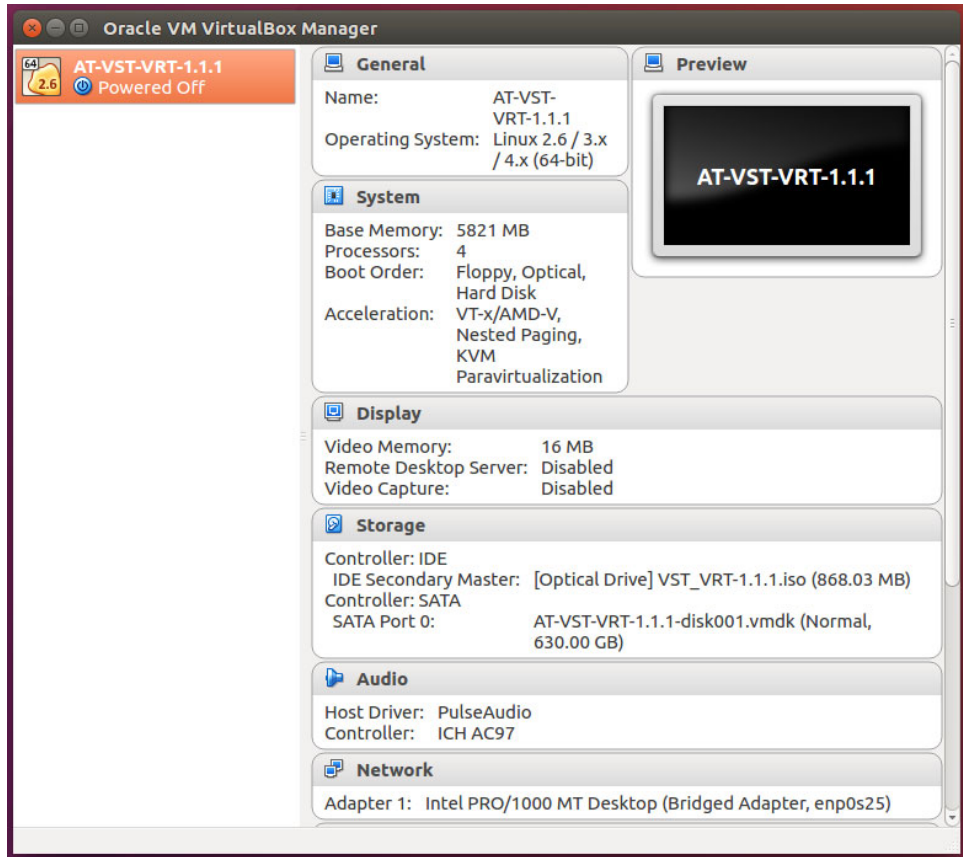
- On the PC your virtual machine is running on, open Oracle VM VirtualBox Manager.



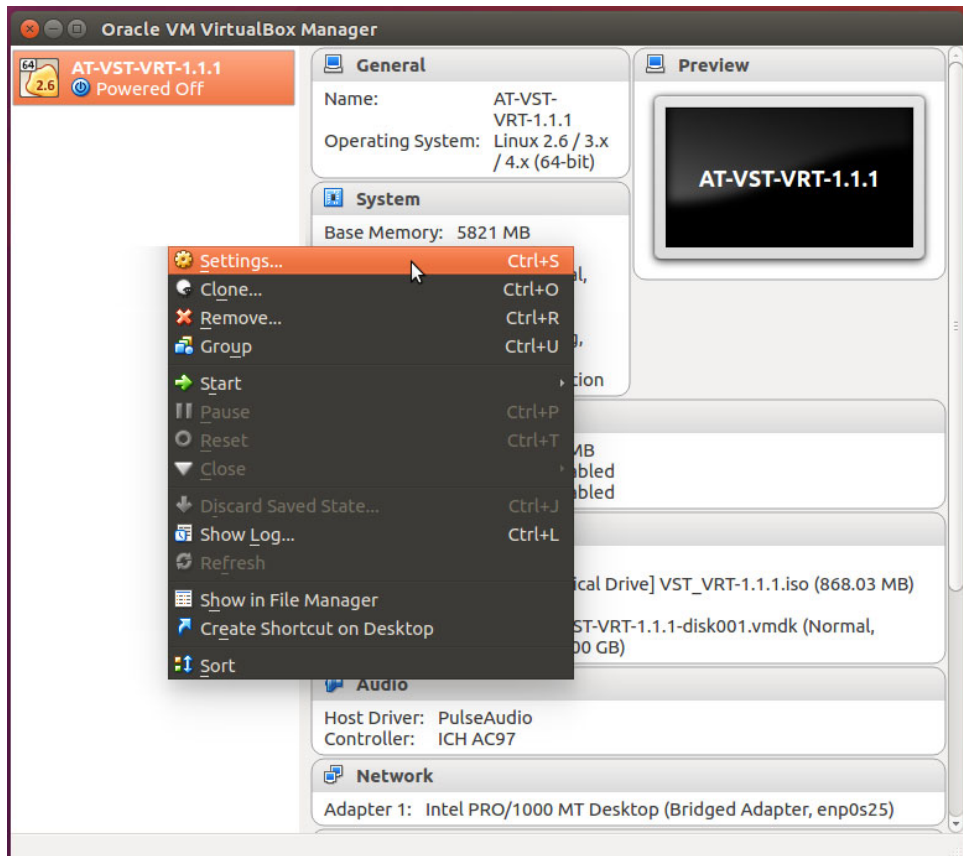
- Shut down the VM. Right click on the VM, then select Close, and Power Off.



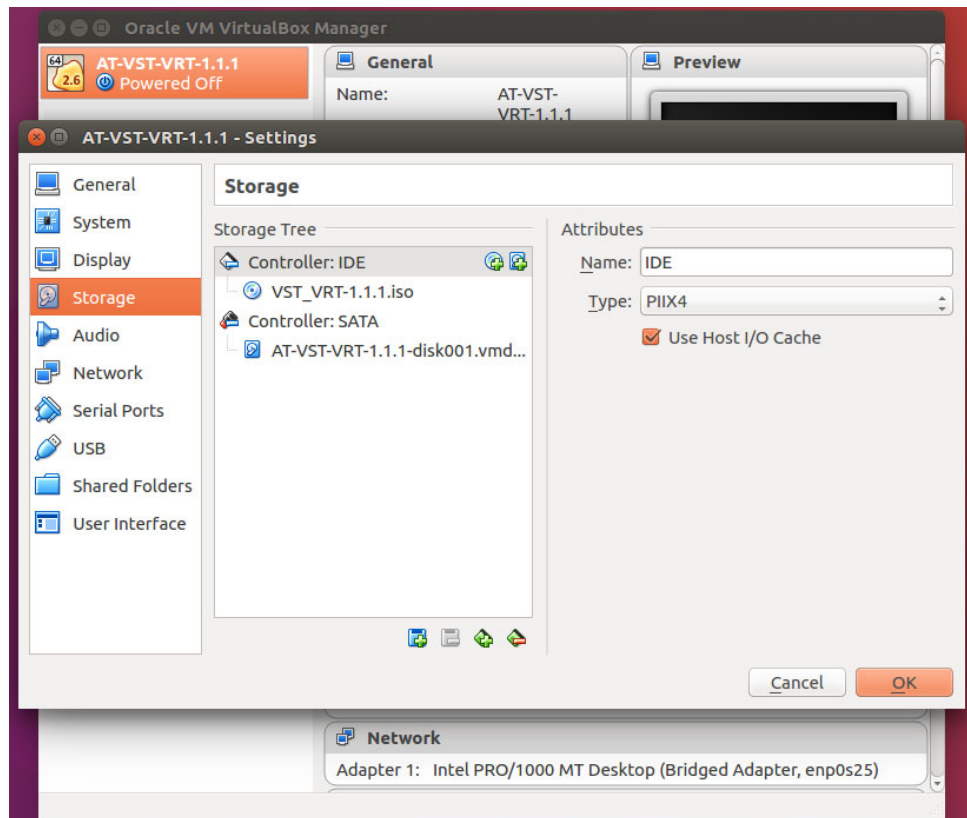
- Wait until the VM has shut down. It will have the status Powered Off.



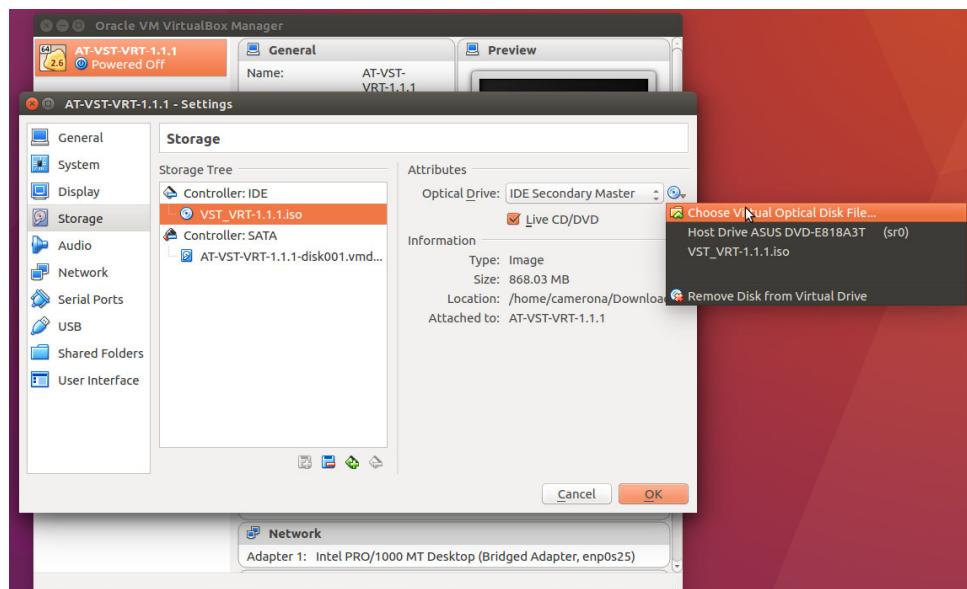
- Right click on the VM, then select Settings.



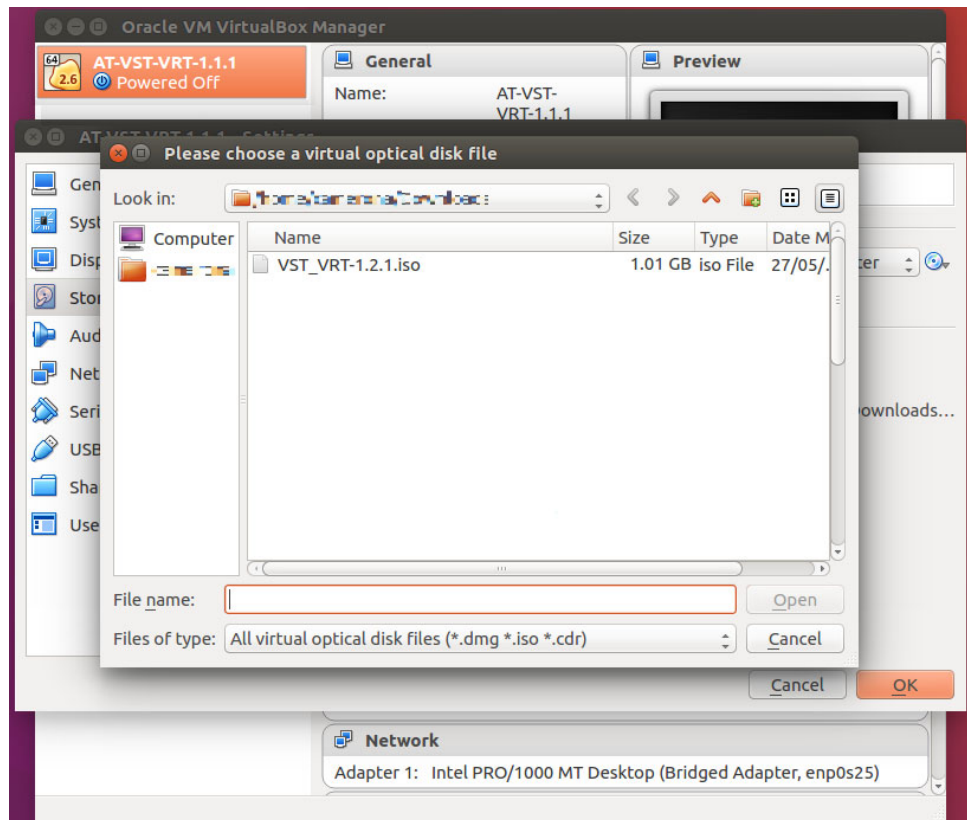
- Click on the Storage tab of the Settings dialog.



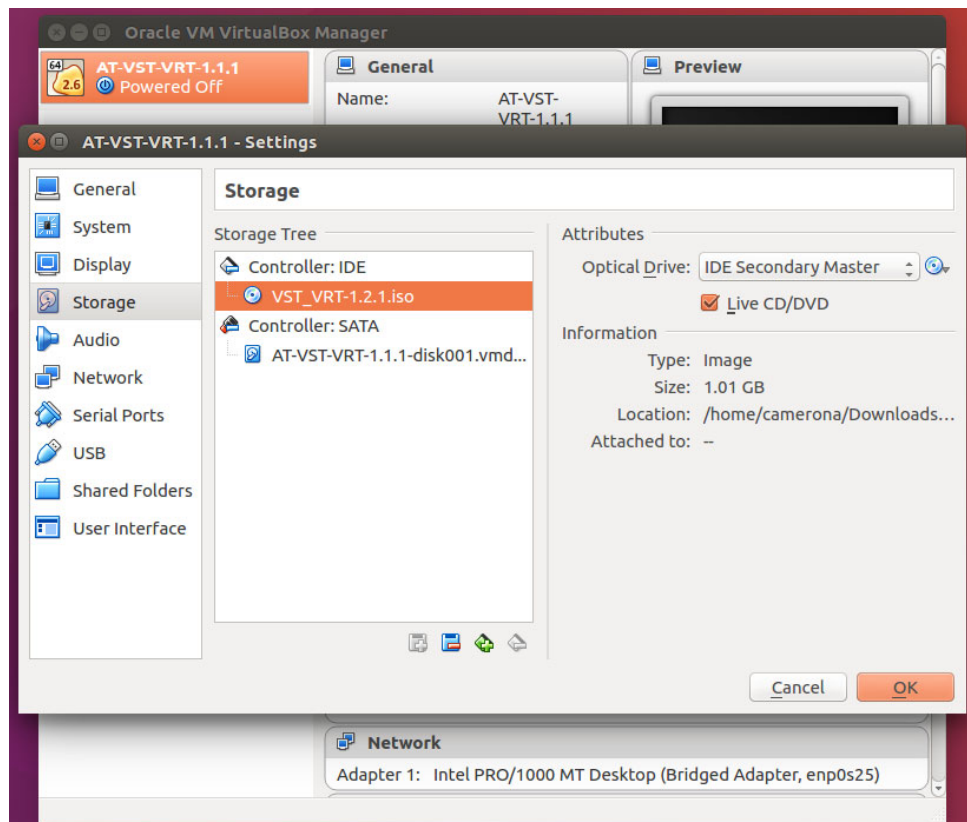
- Select the VST_VRT-x.x.x.iso. Make sure the Live CD/DVD checkbox is selected. Click on the Drive drop-down, and select Choose Virtual Optical Disk File.



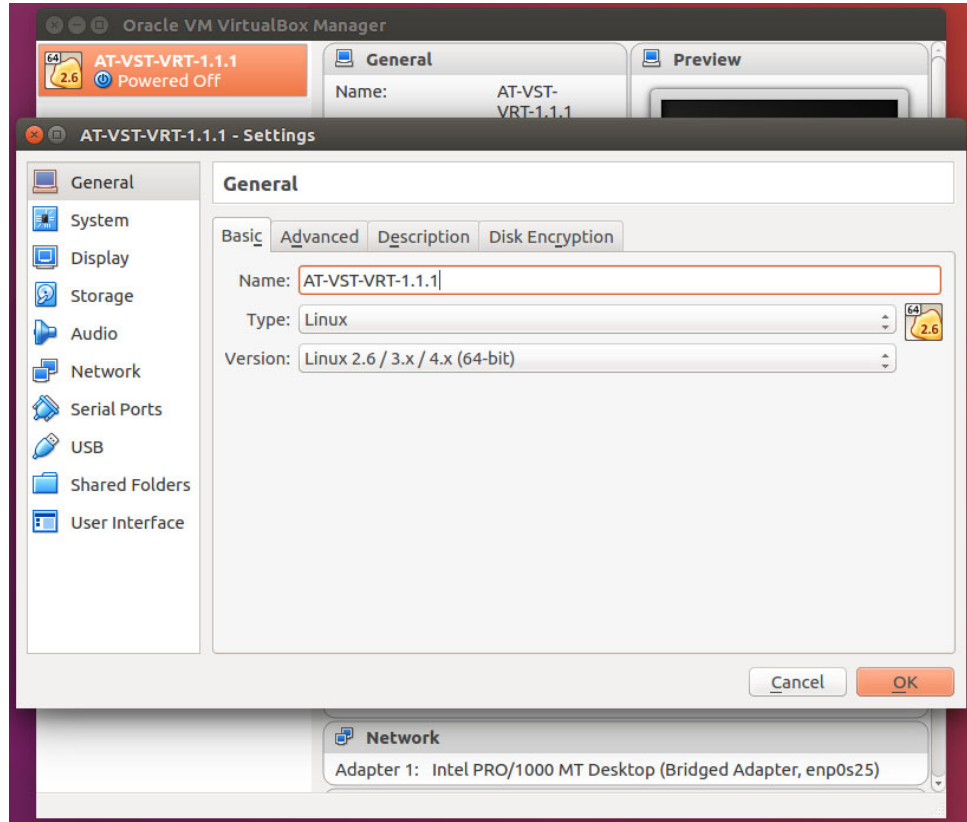
- Browse to the location of the VST-VRT-1.2.1.iso. Select the file and click Open.



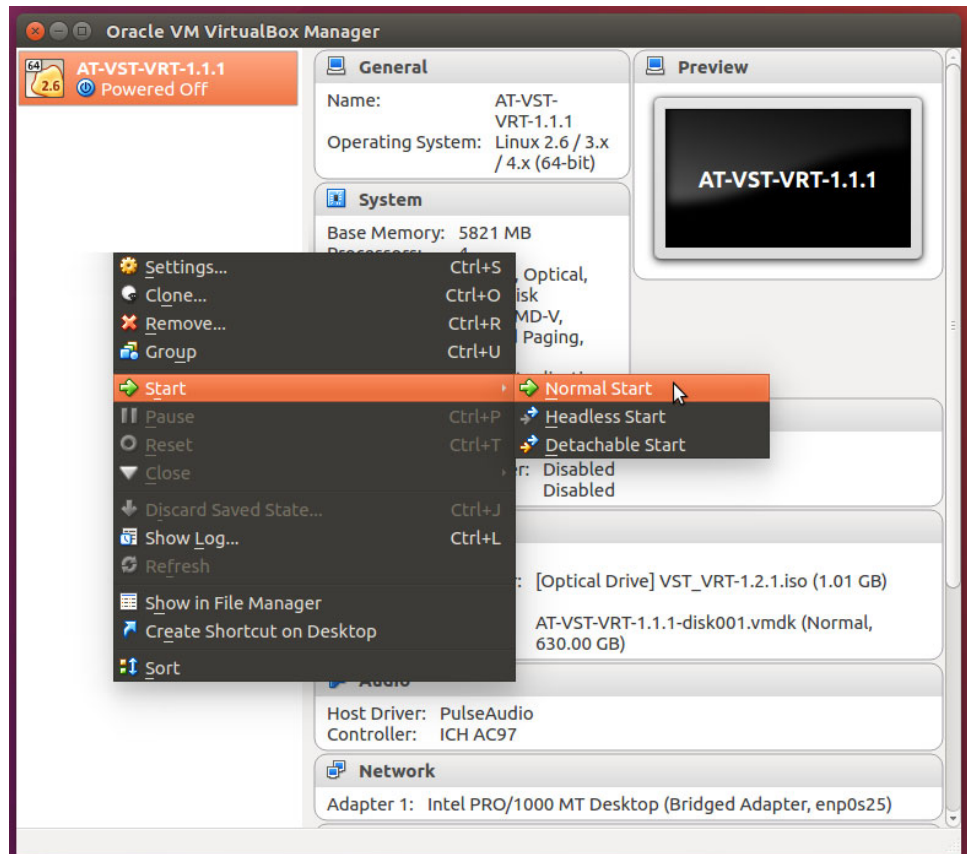
- In the Storage Tree view, you should now see that the VST_VRT-1.2.1.iso is mounted.



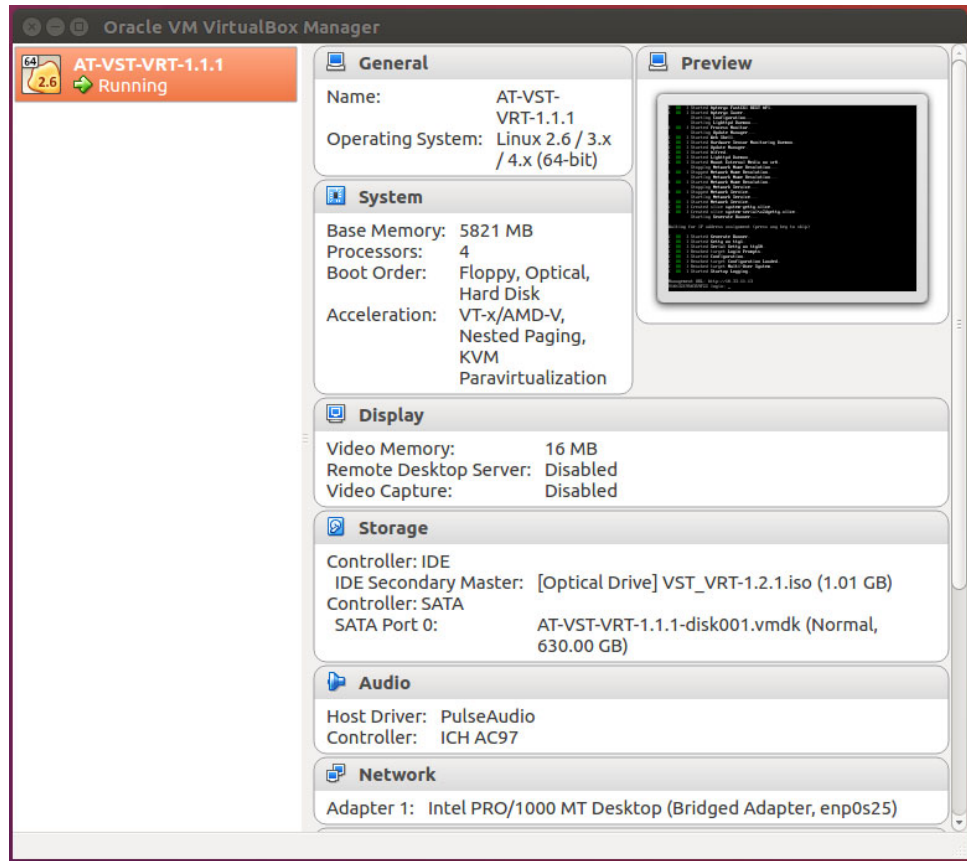
- OPTIONAL: Upgrading VST-VRT will not change the name of your VM. If you want to change the name to reflect the new software version, you can select the General tab in the Settings, and change the name manually.



- Restart the VM. Right click on the VM, then select Start and Normal Start.



13. Once the VM is running, the upgrade of the VST-VRT software is complete.



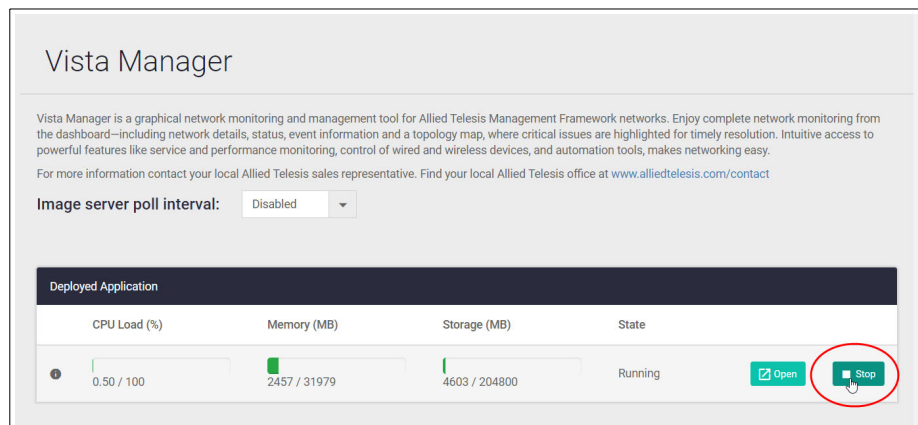
14. To verify the currently running software version, navigate back to the **System > About** page and look at the details there.


Upgrading application software





After upgrading the VST-VRT software, you need to upgrade the applications.



To upgrade an application, follow these steps.

1. Navigate to the application page in the VST-VRT 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.







2. 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
 		204800MB	Stopped  

Instance Information: AT-Vista-app 	
Name	AT-Vista-app
Compute ID	A10358F202900001
Image	vista 3.2.2 
Network: eth0	Network Type: Virtual VLAN ID: 1 MAC: 02:88:22:46:B1:2A DHCP: true


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

Application Configuration 	
This provides the ability to upgrade the Application Instance when a new version is released.	
Image Version	3.6.0 
<div style="border: 1px solid #ccc; padding: 5px;"> <p>vista-3.5.0</p> <p style="background-color: #00a651; color: white; padding: 2px;">vista-3.6.0</p> </div>	
 	

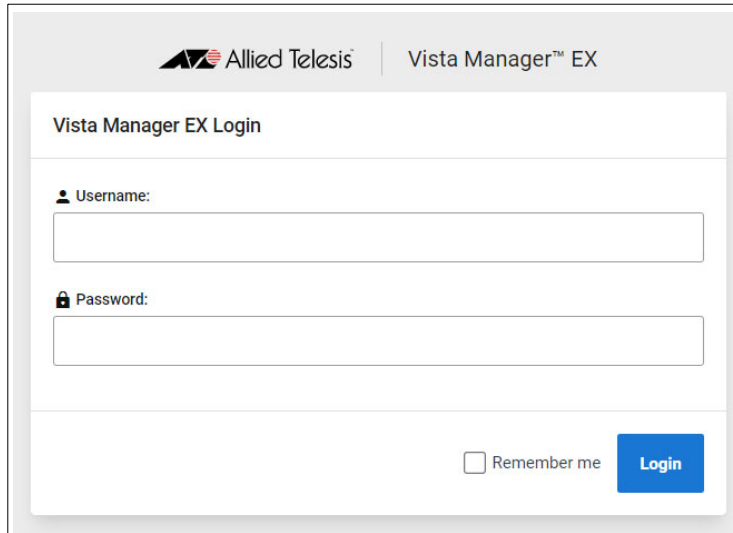
5. Click the **Start** button in the right of the Deployed Application panel to restart the application. This may take a few minutes. Appliance and application configuration remain unchanged.

Deployed Application			
CPU Load (%)	Memory (MB)	Storage (MB)	State
		204800MB	Stopped  

6. 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.

Deployed Application			
CPU Load (%)	Memory (MB)	Storage (MB)	State
 4.02 / 100	 3025 / 31979	 4604 / 204800	Running  

7. Login to the application.



The login form for Vista Manager EX includes the Allied Telesis logo and the text "Vista Manager™ EX". The form title is "Vista Manager EX Login". It contains two input fields: "Username:" and "Password:". Below the password field is a "Remember me" checkbox and a blue "Login" button.

This completes the upgrade process.