Install on KVM

For supported software information, click here.

This article describes how to install a Versa Operating System™ (VOS™) device on a KVM server to create a Versa branch device.

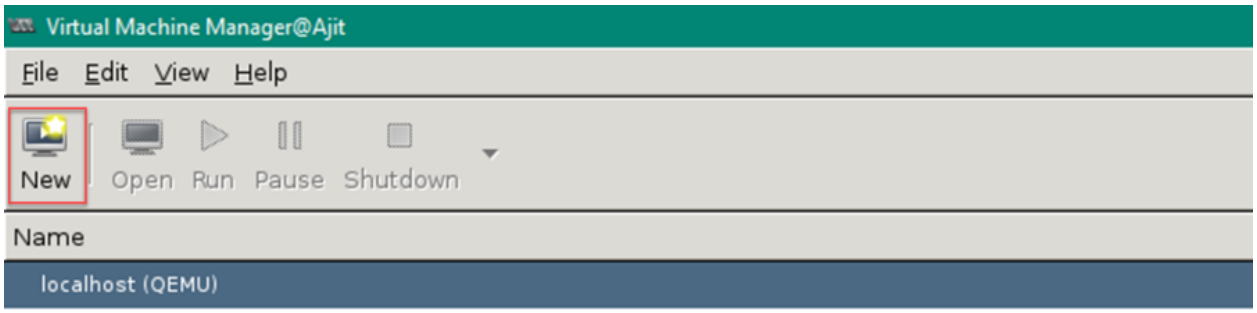
For information about downloading the VOS software image files, see the Versa Networks Customer Support website.

To install the VOS software on a KVM server to create a Versa branch device:

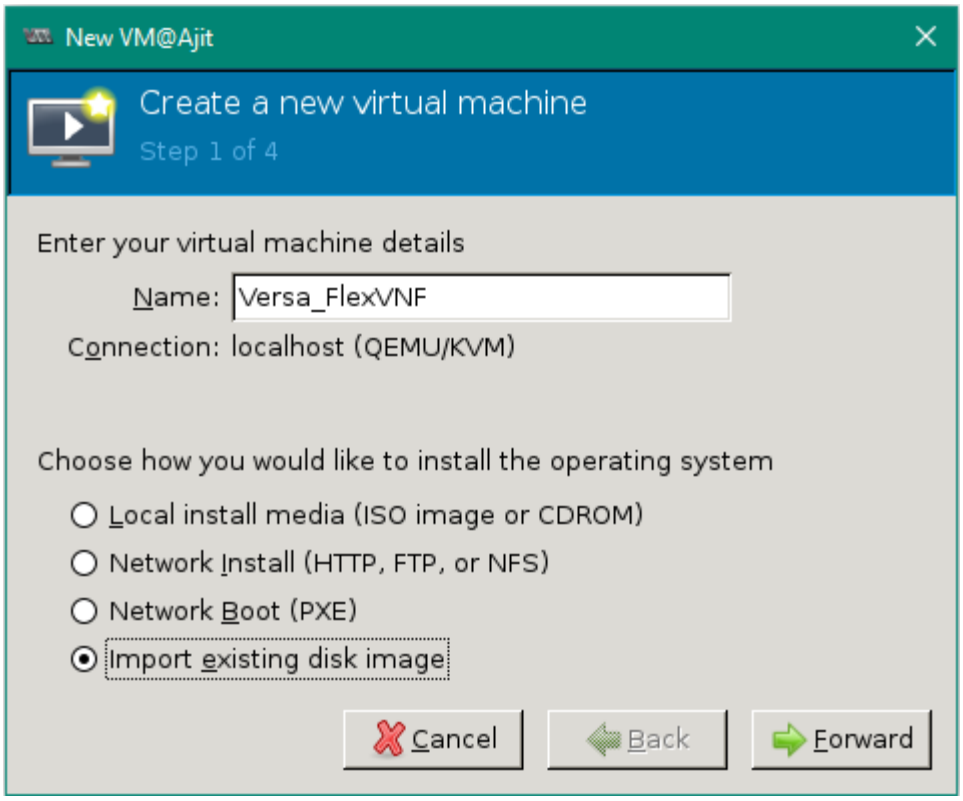
1. Log in to the KVM host machine.
2. Open the Virtual Machine Manager GUI:

```
kvm-host@User:~$ sudo virt-manager
sudo: unable to resolve host User
[sudo] password for kvm-host:
kvm-host@User:~$
```

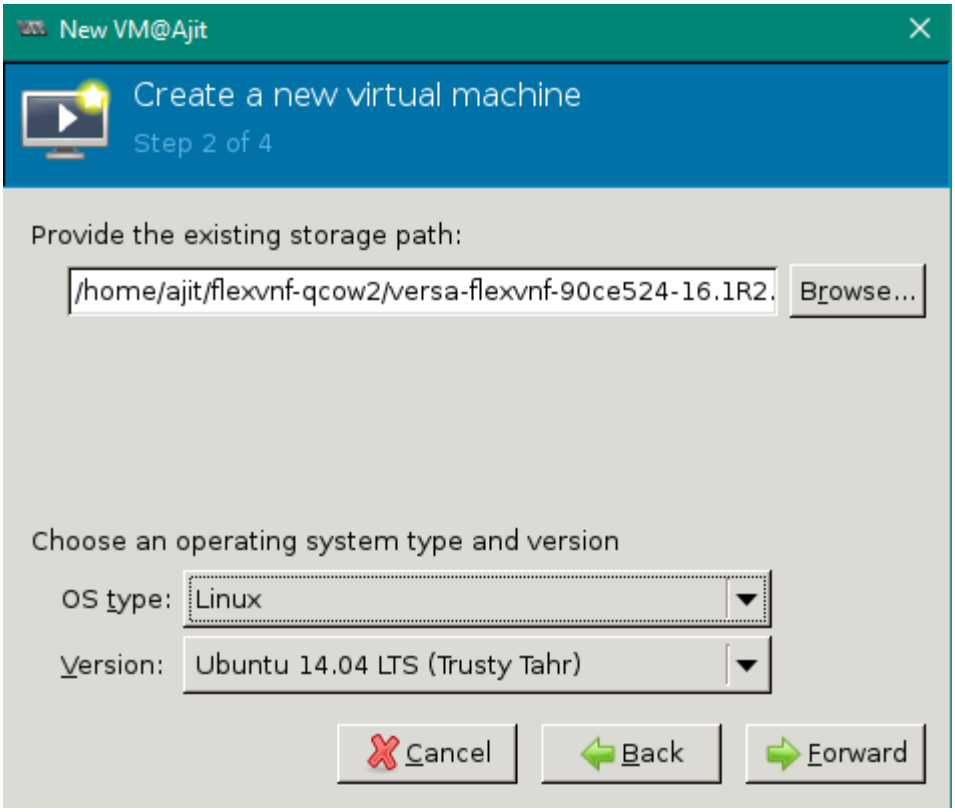
3. Click New to create a new VM.



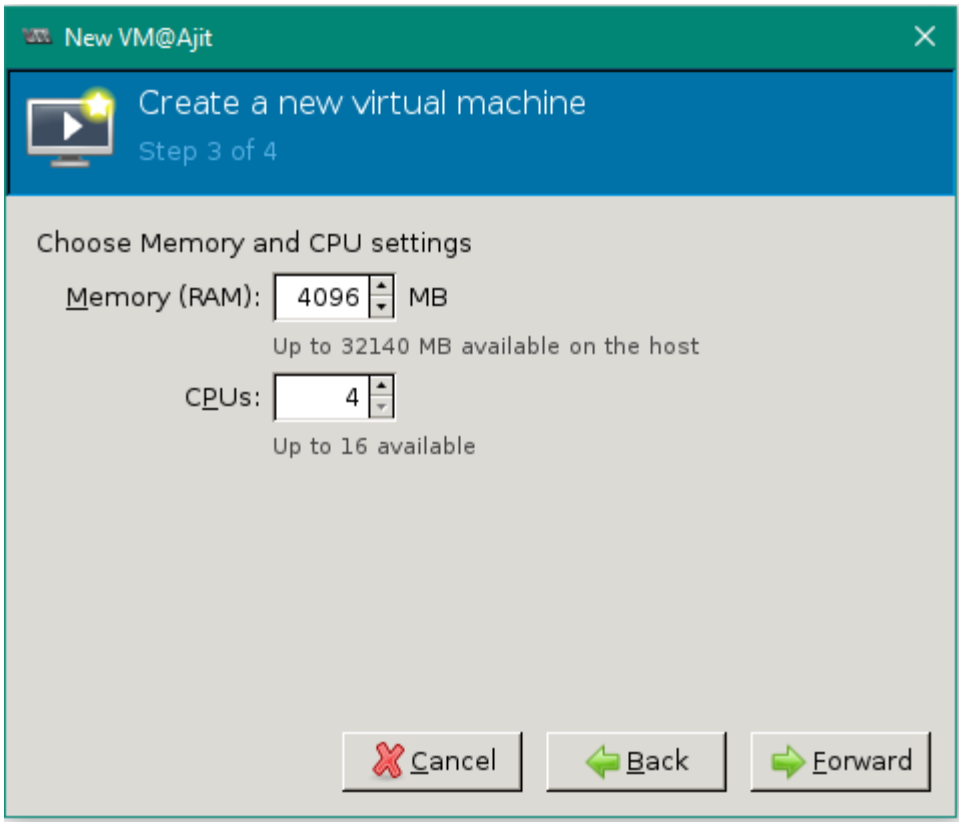
4. Enter the name of the VM and click Import Existing Disk Image. Then click Forward.



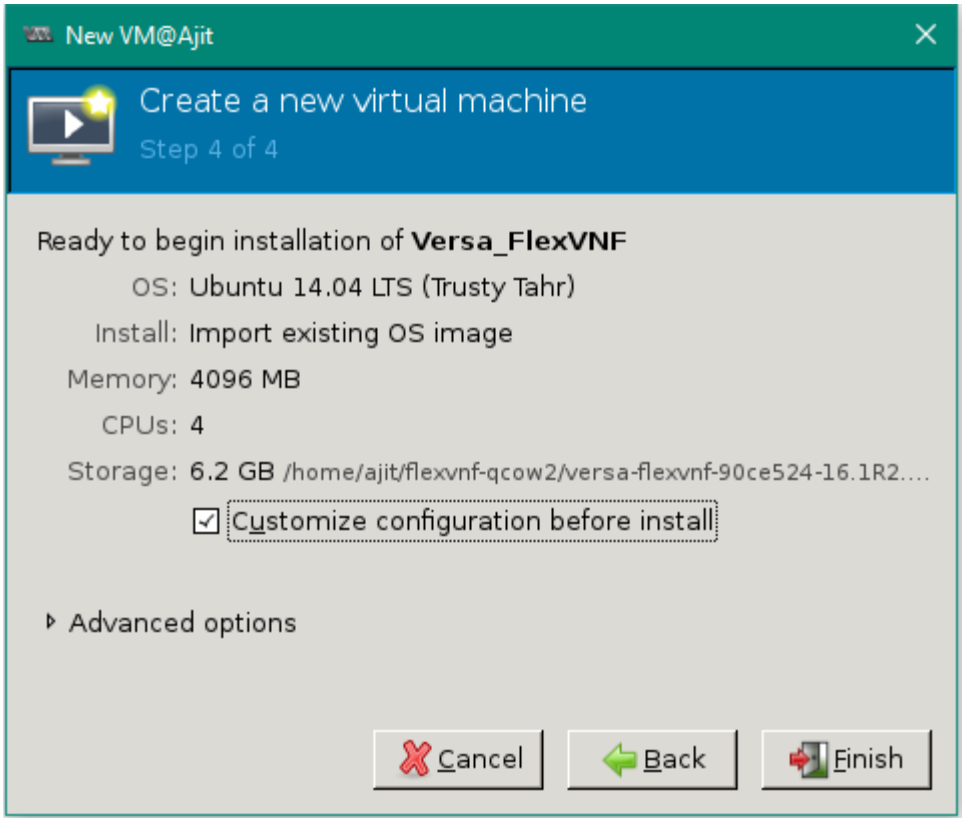
5. Click Browse to select the storage path and the OS type. Then click Forward. Note that the Version field is automatically populated depending on the selected OS type.



6. Select the amount of memory and number of CPUs for the VM. Then click Forward. Note that the values listed for memory and CPU vary depending on the deployment scenario.



7. Click Customize Configuration Before Install. Then click Finish to create the VM.



8. In the left navigation bar, select Processor to configure CPU properties.
    a. In the Configuration field, select SandyBridge in the Model drop-down.
    b. Click Apply.

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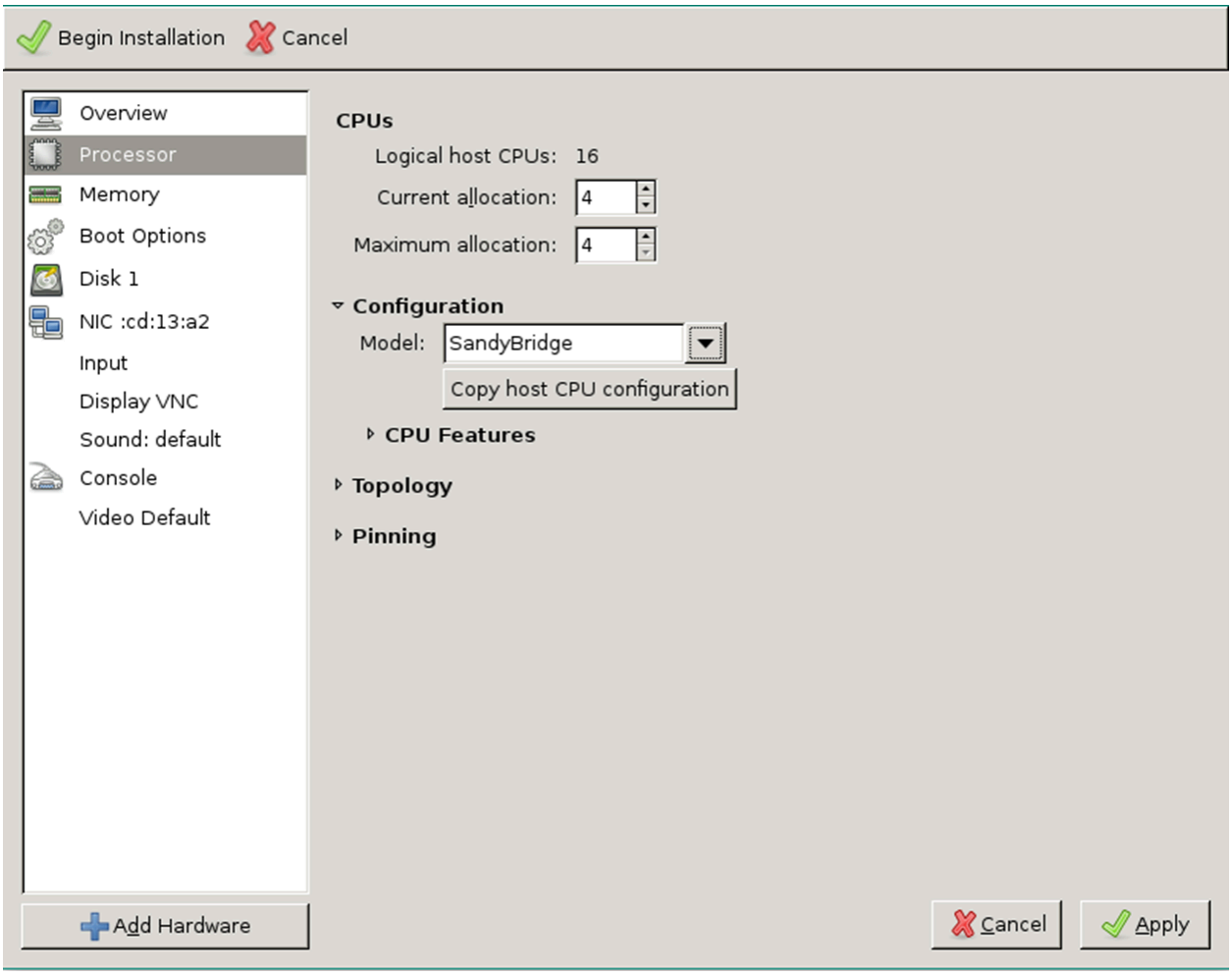
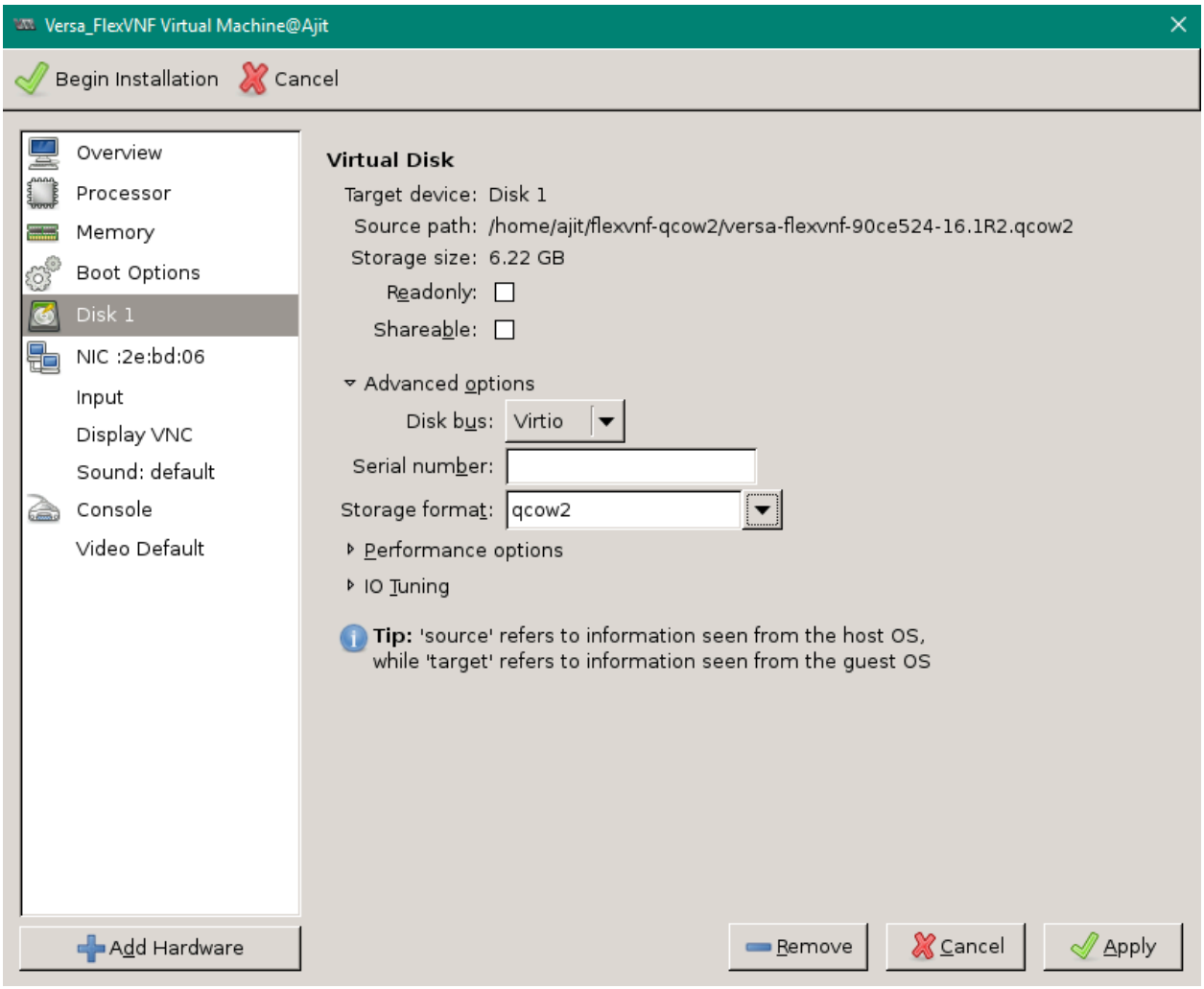
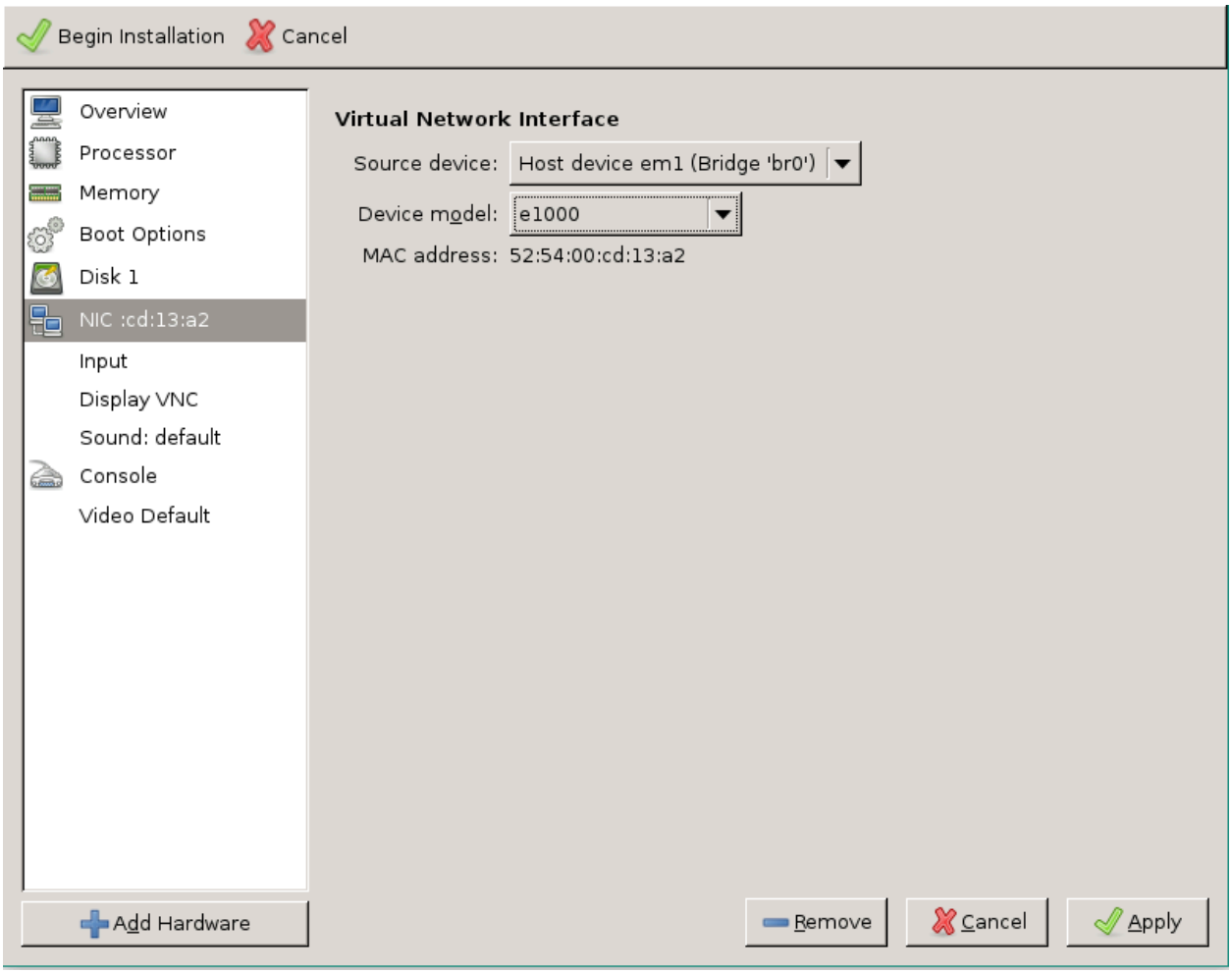


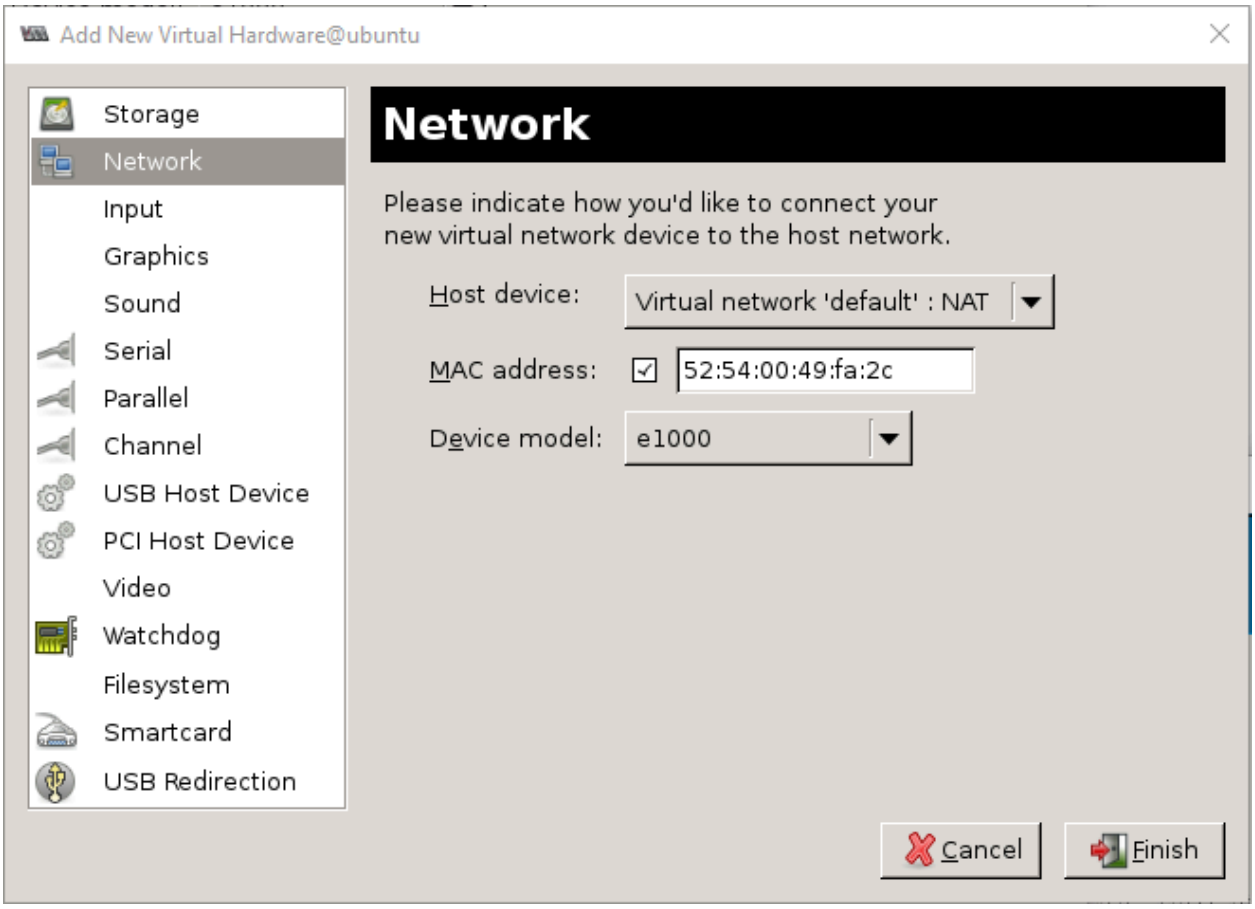
9. In the left navigation bar, select Disk 1 to configure a virtual disk.
    a. Click Advanced Options.
    b. In the Disk Bus drop-down, select Virtio.
    c. In the Storage Format drop-down, select qcow2.
    d. Click Apply to create the VM instance with the parameters you just defined. By default, this includes one NIC, which is used for the management interface.



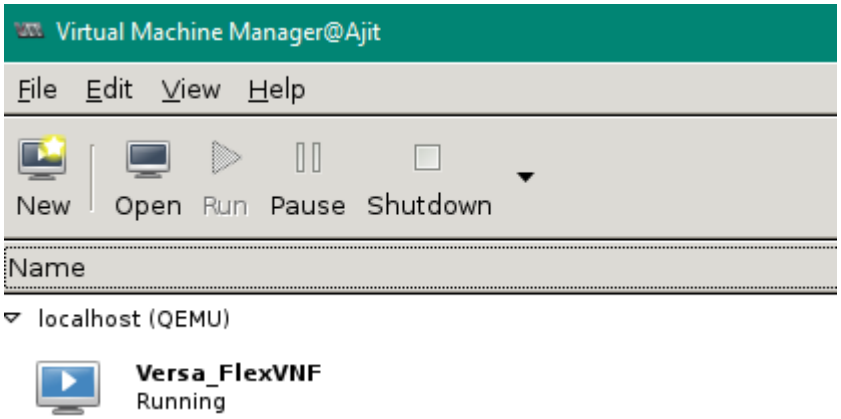
10. In the left navigation bar, select NIC to configure the NIC, which, by default, is used for the management interface.
    a. In the Source Device drop-down, select Host Device em1 (Bridge br0).
    b. In the Device Model drop-down, select e1000.
    c. Click Apply to create the NIC.
    d. To create additional NICs, click Add Hardware in the left navigation bar. Then, for each NIC, select the Source Device and Device Model, and click Apply.



11. In the Add New Virtual Hardware screen, select Network to add a downstream (southbound) interface.
    a. In the Device Model drop-down, select e1000.
    b. Click Finish.



12. Click Begin Installation to complete the VM installation. The Virtual Machine Manager displays the Versa FlexVNF VM and shows that it is running.



13. Log in to VOS device. The VOS (FlexVNF) banner displays on the console.

Supported Software Information

Releases 20.2 and later support all content described in this article.

Additional Information

[Branch Hardware and Software Requirements]
[Branch Overview]
[Initial Branch Software Configuration]