

Cloud APv for MS Hyper V

Tenant Setup Guide

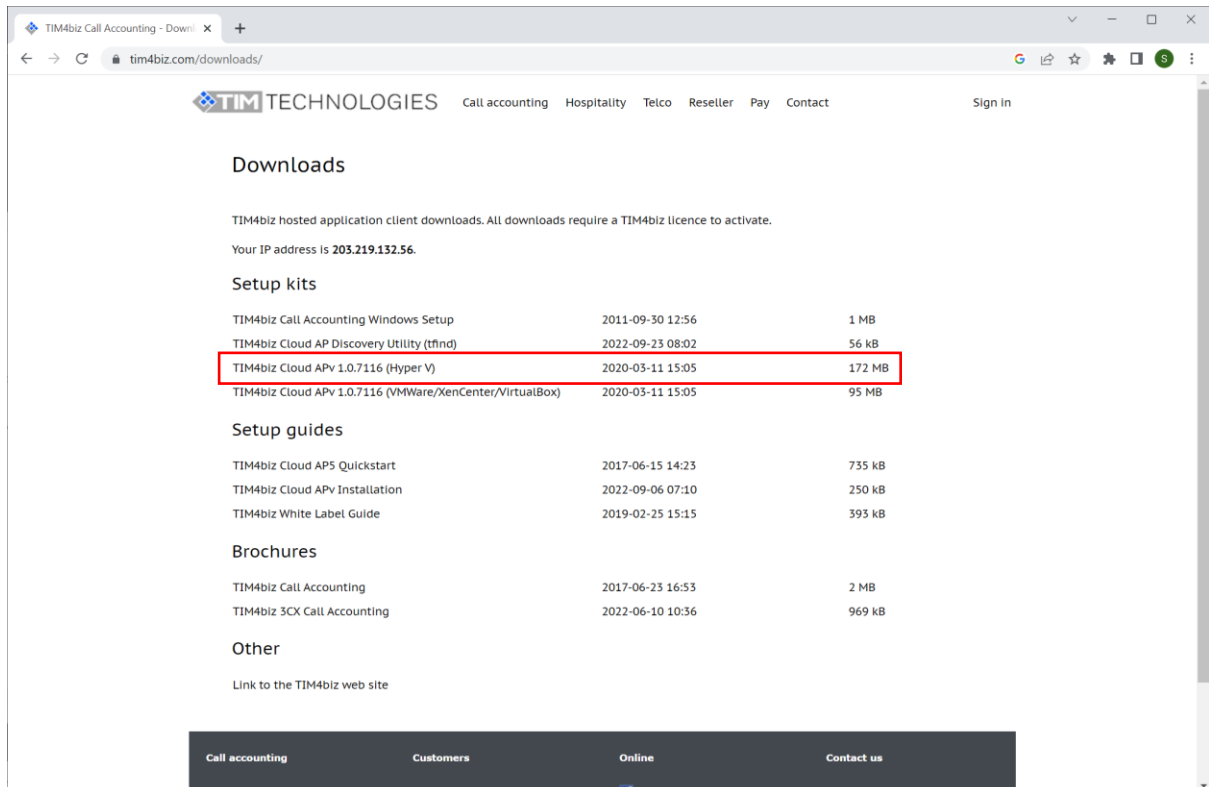
Rev 1 - 15 Feb 2023

Hyper V used in this guide is running on MS Windows 10 Pro.

This guide requires as a prerequisite a working Hyper V

The Hyper V VM's will only work as GEN1

Download the Cloud APv for Hyper V



TIM TECHNOLOGIES Call accounting Hospitality Telco Reseller Pay Contact Sign in

Downloads

TIM4biz hosted application client downloads. All downloads require a TIM4biz licence to activate.
Your IP address is 203.219.132.56.

Setup kits

TIM4biz Call Accounting Windows Setup	2011-09-30 12:56	1 MB
TIM4biz Cloud AP Discovery Utility (tfind)	2022-09-23 08:02	56 kB
TIM4biz Cloud APv 1.0.7116 (Hyper V)	2020-03-11 15:05	172 MB
TIM4biz Cloud APv 1.0.7116 (VMWare/XenCenter/VirtualBox)	2020-03-11 15:05	95 MB

Setup guides

TIM4biz Cloud AP5 Quickstart	2017-06-15 14:23	735 kB
TIM4biz Cloud APv Installation	2022-09-06 07:10	250 kB
TIM4biz White Label Guide	2019-02-25 15:15	393 kB

Brochures

TIM4biz Call Accounting	2017-06-23 16:53	2 MB
TIM4biz 3CX Call Accounting	2022-06-10 10:36	969 kB

Other

Link to the TIM4biz web site

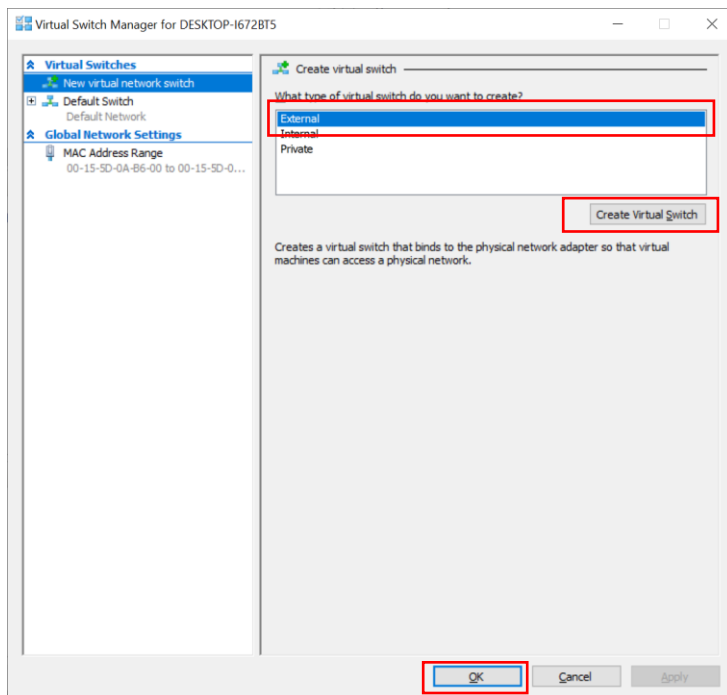
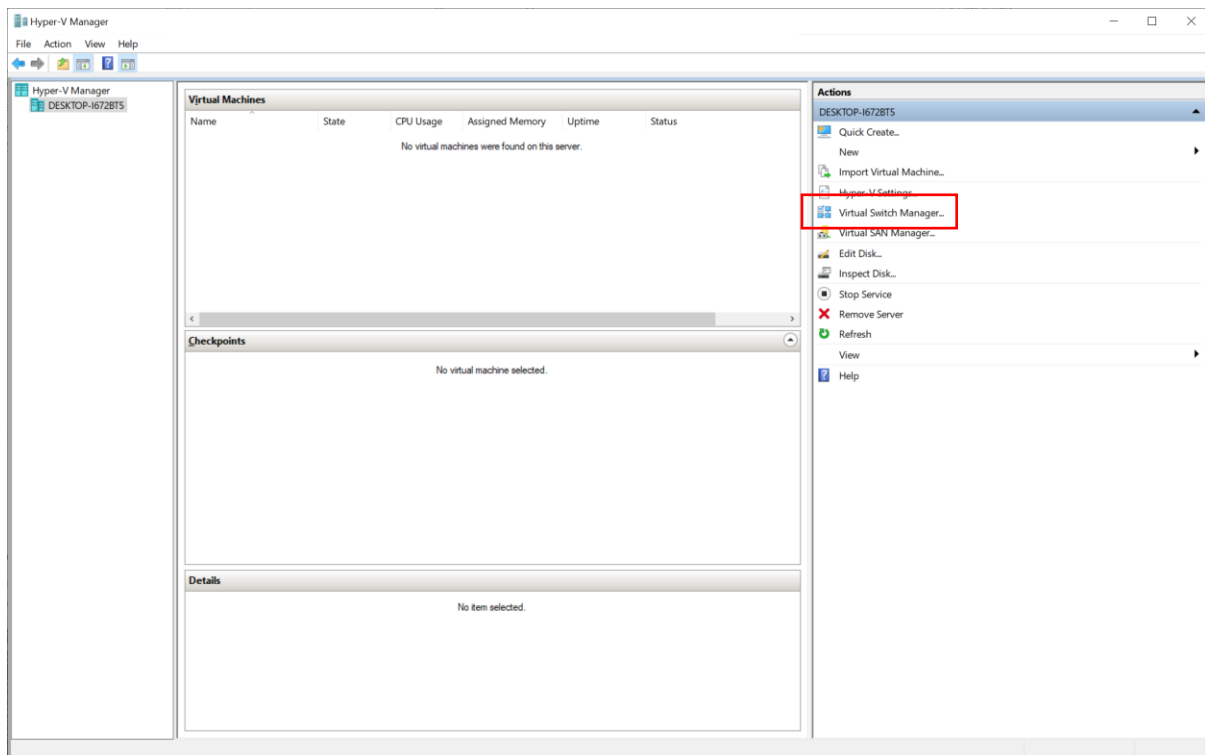
Call accounting Customers Online Contact us

Extract the ZIP to removable media or local Hyper V storage.

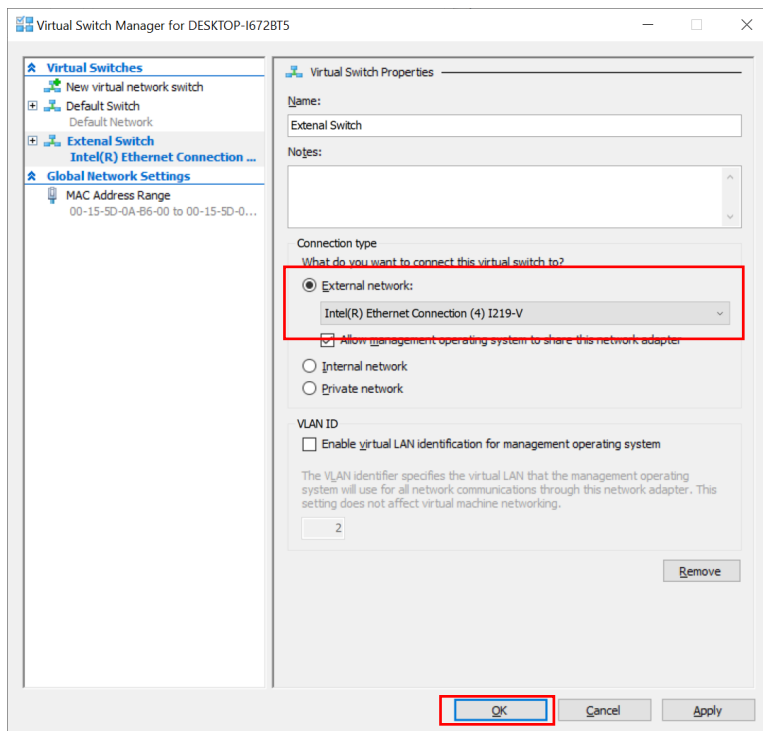
This PC > Data (E:) > HyperVAPv > TIM4biz Cloud APv 1.0.7116 (Hyper V) > Cloud APv 1.0.7116

Name	Date modified	Type
Snapshots	26/06/2019 12:16 PM	File folder
Virtual Hard Disks	15/02/2023 4:57 PM	File folder
Virtual Machines	15/02/2023 4:59 PM	File folder

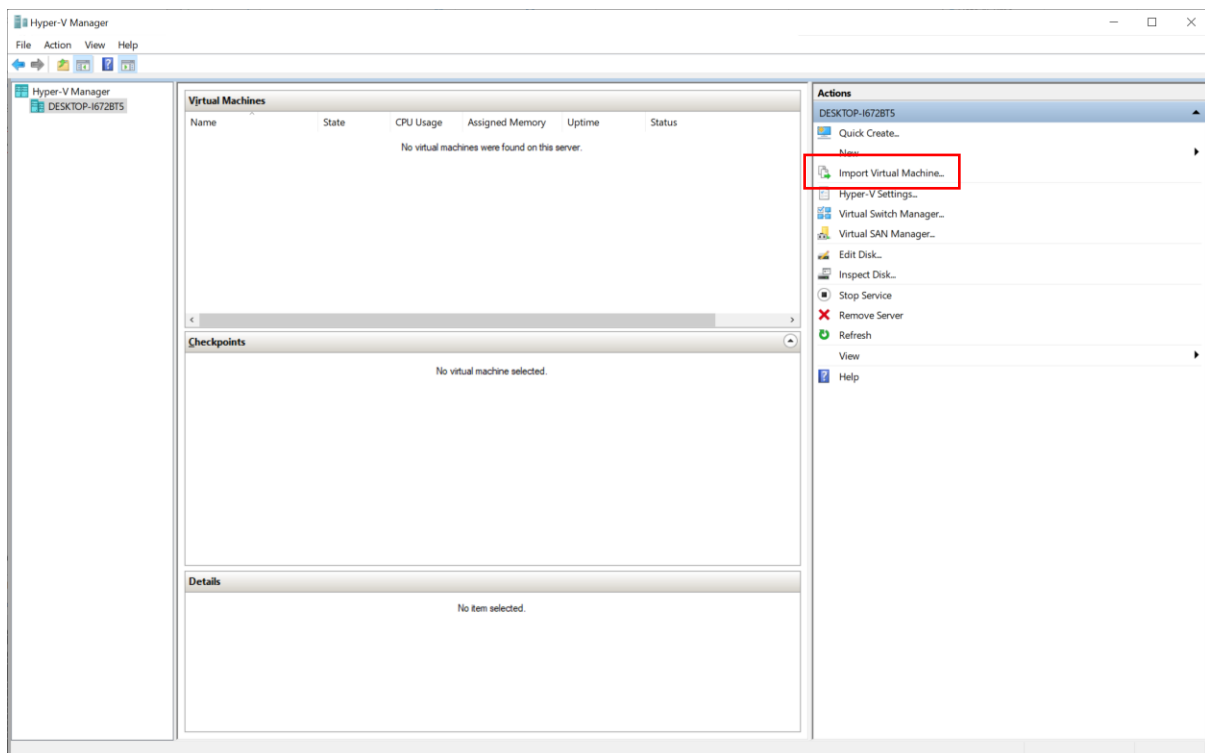
Create a Legacy NIC in the Virtual Switch Manager



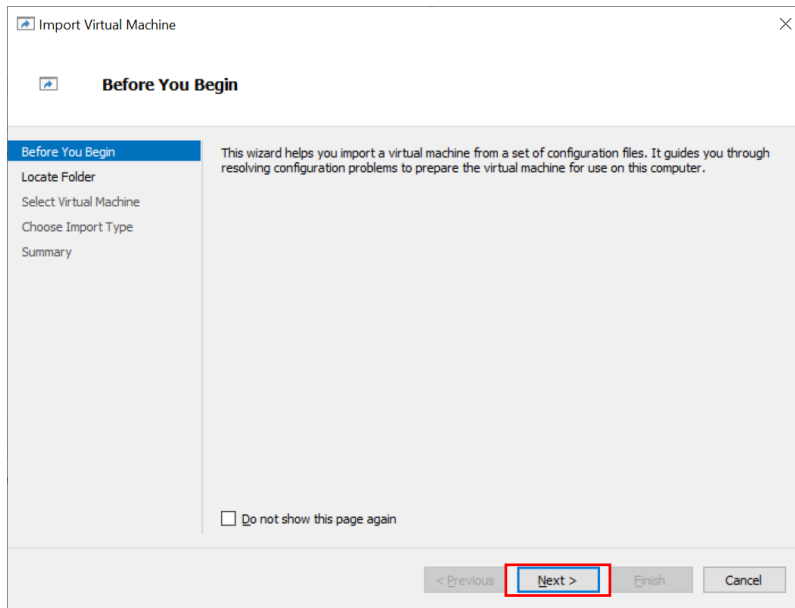
Create an External Switch – assign to a physical NIC and give it a name e.g. External Switch



Import the VM into the Hyper V (This example uses Hyper V running on Windows 10 Pro)

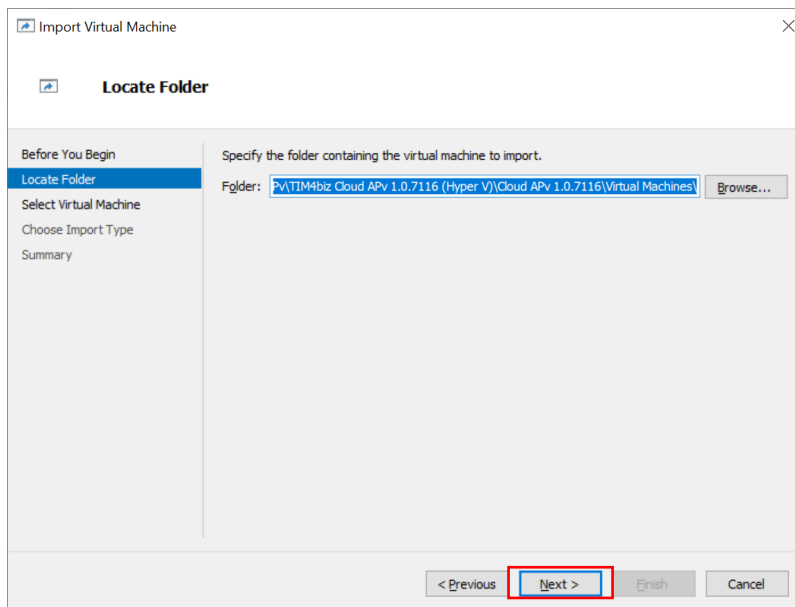


Click Next



The screenshot shows the 'Import Virtual Machine' wizard window. The title bar says 'Import Virtual Machine'. Below the title bar, there's a section titled 'Before You Begin'. On the left, there's a list of steps: 'Before You Begin', 'Locate Folder', 'Select Virtual Machine', 'Choose Import Type', and 'Summary'. The 'Before You Begin' step is currently selected and highlighted in blue. The main area of the wizard contains a description: 'This wizard helps you import a virtual machine from a set of configuration files. It guides you through resolving configuration problems to prepare the virtual machine for use on this computer.' At the bottom of the main area, there is a checkbox labeled 'Do not show this page again'. At the bottom of the wizard, there are four buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

Locate folder (this is where the extracted ZIP file is located) and click Next



The screenshot shows the 'Import Virtual Machine' wizard window, now at the 'Locate Folder' step. The title bar says 'Import Virtual Machine'. Below the title bar, there's a section titled 'Locate Folder'. On the left, the list of steps is the same as in the previous screenshot, but 'Locate Folder' is now selected and highlighted in blue. The main area of the wizard contains the instruction: 'Specify the folder containing the virtual machine to import.' Below this, there is a text field labeled 'Folder:' containing the path 'P:\TIM4biz Cloud APv 1.0.7116 (Hyper V)\Cloud APv 1.0.7116\Virtual Machines\'. To the right of the text field is a button labeled 'Browse...'. At the bottom of the wizard, there are four buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

Select Next

The screenshot shows the 'Import Virtual Machine' wizard at the 'Select Virtual Machine' step. The left sidebar contains a list of steps: 'Before You Begin', 'Locate Folder', 'Select Virtual Machine' (highlighted), 'Choose Import Type', and 'Summary'. The main area is titled 'Select the virtual machine to import:' and contains a table with two columns: 'Name' and 'Date Created'. The table has one row with the values 'Cloud APv 1.0.7116' and '6/09/2016 9:04:05 AM'. At the bottom, there are four buttons: '< Previous', 'Next >' (highlighted with a red box), 'Finish', and 'Cancel'.

Name	Date Created
Cloud APv 1.0.7116	6/09/2016 9:04:05 AM

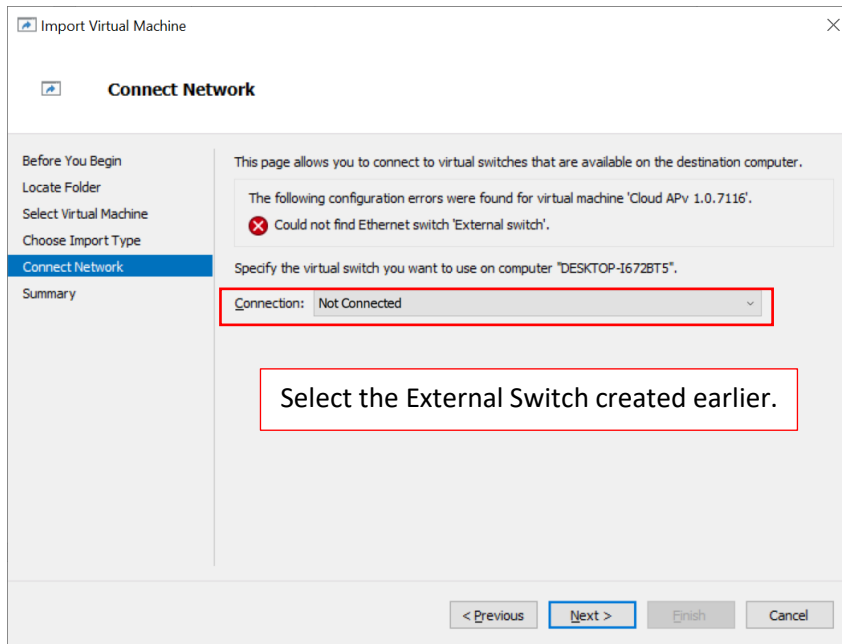
Copy the type of import to perform and click on Next

The screenshot shows the 'Import Virtual Machine' wizard at the 'Choose Import Type' step. The left sidebar contains a list of steps: 'Before You Begin', 'Locate Folder', 'Select Virtual Machine', 'Choose Import Type' (highlighted), and 'Summary'. The main area is titled 'Choose the type of import to perform:' and contains three radio button options. The first option, 'Register the virtual machine in-place (use the existing unique ID)', is selected and highlighted with a red box. The other two options are 'Restore the virtual machine (use the existing unique ID)' and 'Copy the virtual machine (create a new unique ID)'. At the bottom, there are four buttons: '< Previous', 'Next >' (highlighted with a red box), 'Finish', and 'Cancel'.

Choose the type of import to perform:

- ☒ Register the virtual machine in-place (use the existing unique ID)
- ☐ Restore the virtual machine (use the existing unique ID)
- ☐ Copy the virtual machine (create a new unique ID)

When the imported file is finish there will be a network error looking for the switch.



Import Virtual Machine

Connect Network

Before You Begin
Locate Folder
Select Virtual Machine
Choose Import Type
Connect Network
Summary

This page allows you to connect to virtual switches that are available on the destination computer.

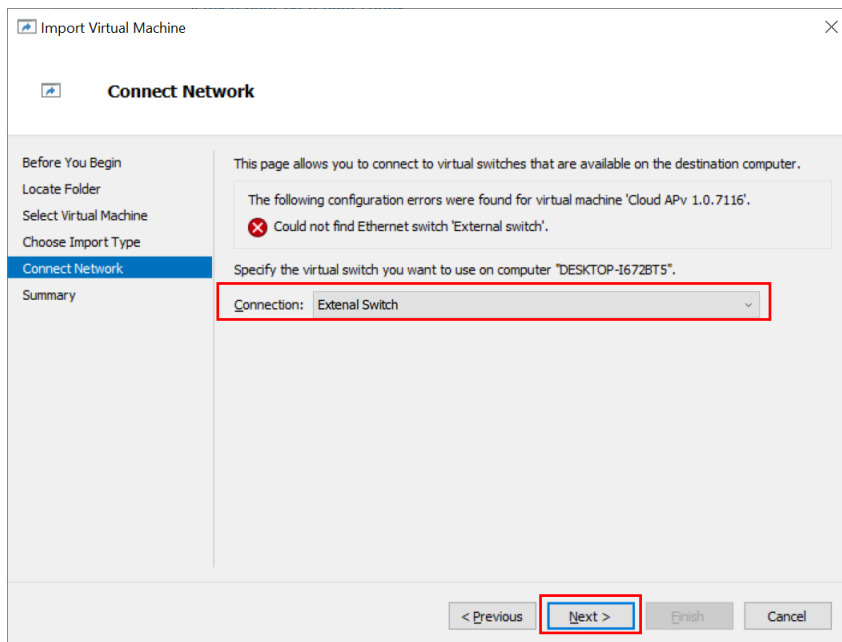
The following configuration errors were found for virtual machine 'Cloud APv 1.0.7116'.
✖ Could not find Ethernet switch 'External switch'.

Specify the virtual switch you want to use on computer 'DESKTOP-I672BT5'.

Connection: Not Connected

Select the External Switch created earlier.

< Previous **Next >** Finish Cancel



Import Virtual Machine

Connect Network

Before You Begin
Locate Folder
Select Virtual Machine
Choose Import Type
Connect Network
Summary

This page allows you to connect to virtual switches that are available on the destination computer.

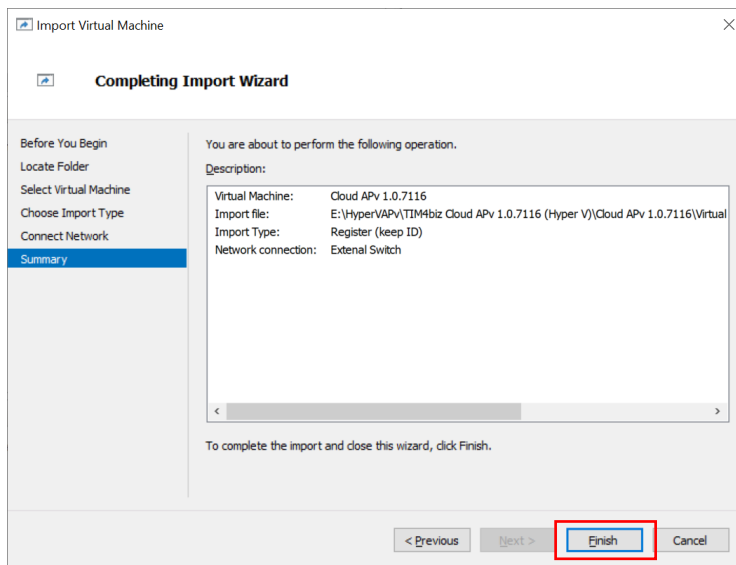
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Specify the virtual switch you want to use on computer 'DESKTOP-I672BT5'.

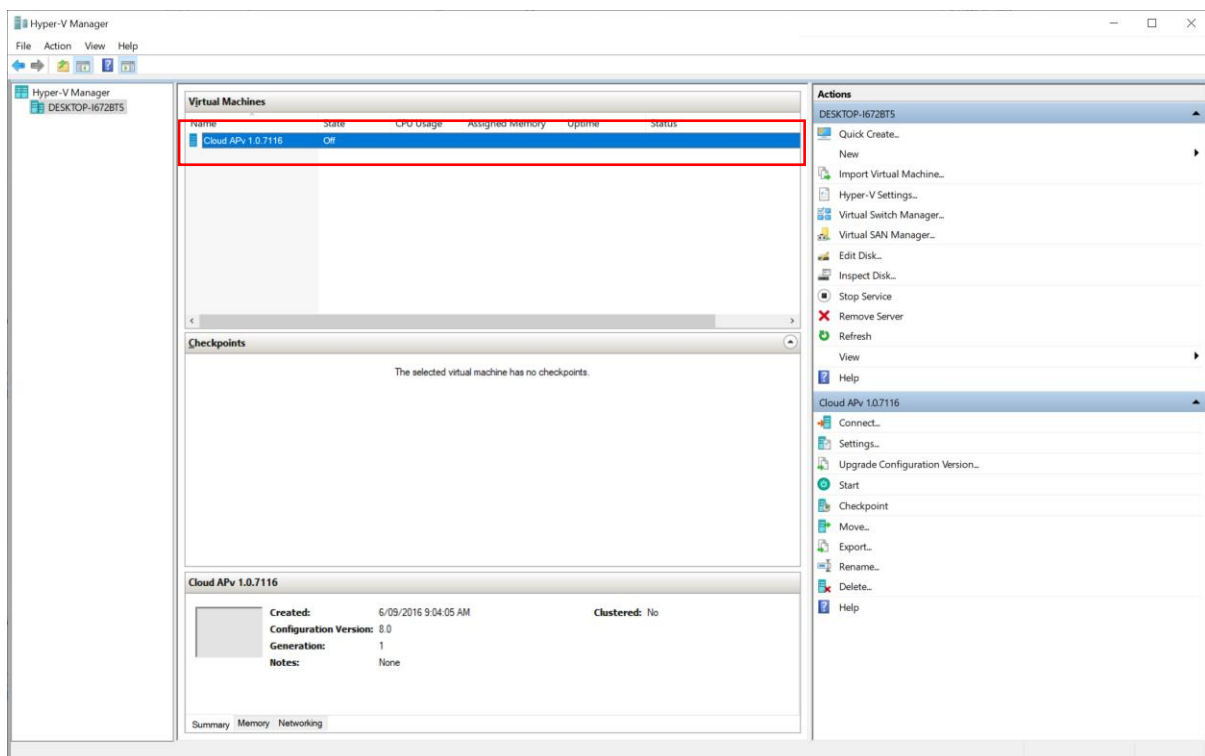
Connection: External Switch

< Previous **Next >** Finish Cancel

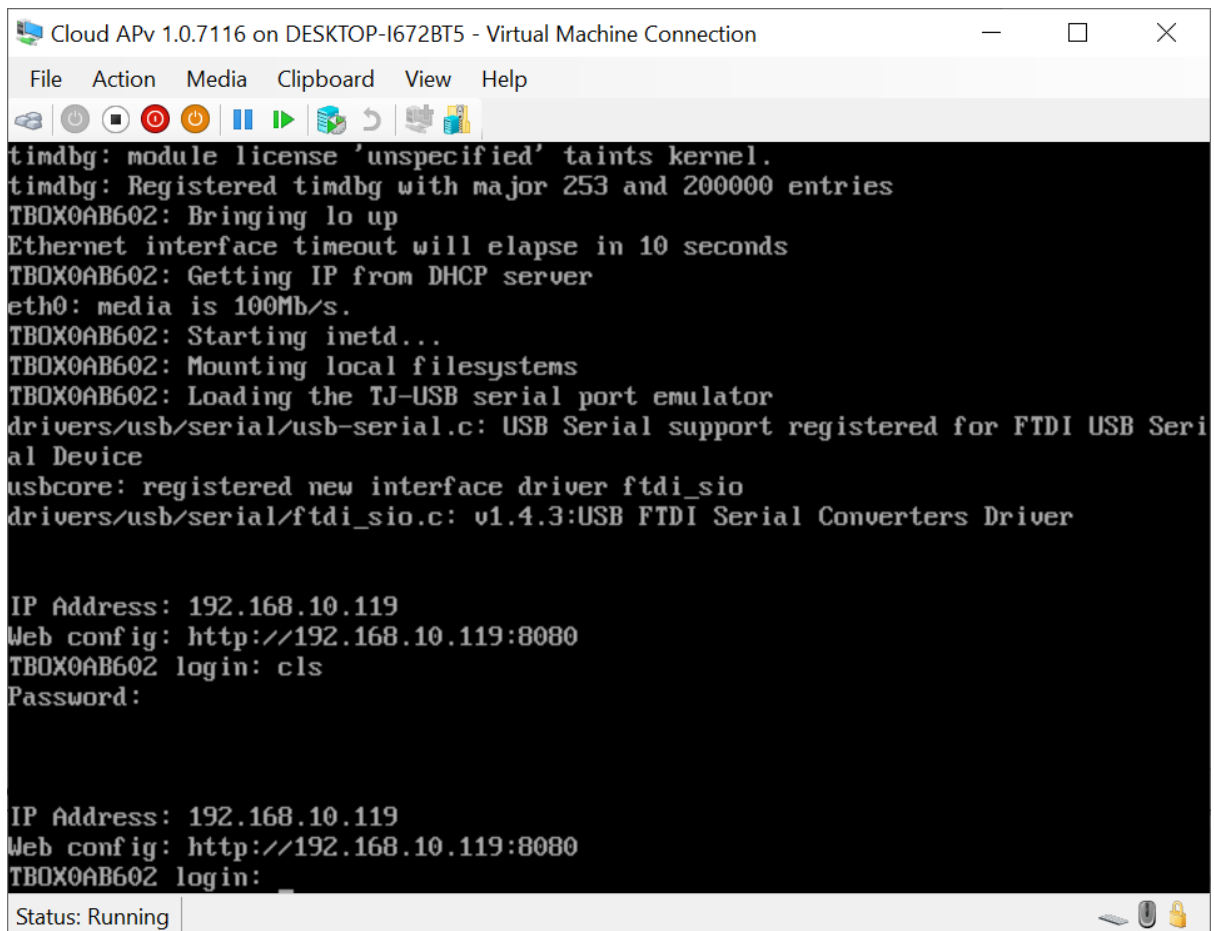
Click Finish



Right Click on the imported VM and START the VM and when completed the State will show Running.



Open the VM console in Hyper-V



```
timdbg: module license 'unspecified' taints kernel.
timdbg: Registered timdbg with major 253 and 200000 entries
TBOX0AB602: Bringing lo up
Ethernet interface timeout will elapse in 10 seconds
TBOX0AB602: Getting IP from DHCP server
eth0: media is 100Mb/s.
TBOX0AB602: Starting inetd...
TBOX0AB602: Mounting local filesystems
TBOX0AB602: Loading the TJ-USB serial port emulator
drivers/usb/serial/usb-serial.c: USB Serial support registered for FTDI USB Serial Device
usbcore: registered new interface driver ftdi_sio
drivers/usb/serial/ftdi_sio.c: v1.4.3:USB FTDI Serial Converters Driver

IP Address: 192.168.10.119
Web config: http://192.168.10.119:8080
TBOX0AB602 login: cls
Password:

IP Address: 192.168.10.119
Web config: http://192.168.10.119:8080
TBOX0AB602 login:
Status: Running
```

Sign into the VM

Login: **rootquit**

Password: **Friut\$98**

At the command prompt, type the following command to enable the Tenant mode.

```
# cd /usr/lib/TIM
```

```
# wget http://tim4biz.com/downloads/tenant.txt
```

```
Connecting to tim4biz.com (203.82.210.201:80) tenant.txt 100%
|***** 46 --:--:-- ETA
```

```
# mv tenant.txt tenant.config
```

```
# exit
```

Sign into the web UI again and the tenant options are enabled in the GUI

