

# CTPView Management System, version 7.3R7.1

## Software Release Notes

### Release 7.3R7.1

March 2021

These release notes accompany Release 7.3R7.1 of the CTPView Management System software. They describe the defects fixes as well as known issues with the software, if any. CTPView Management System software runs on all CTPView devices. This release provides management services for CTP systems running CTPOS 7.3R7.1 and below.

**Please note that release version 7.3R7.1 and 7.3R7-1 are interchangeable and synonymous.**

### New Features and Enhancements:

- [PR 1470073] Manage Network Page modified to display associated Data Plane IPv6 addresses.
- [PR 1471391] Added Radius support over IPV6.
- [PR 1471407] Added support for network syslog over IPv6.
- [PR 1481580] Added a Virtual IP option for CESoPSN bundles.
- [PR 1482748] Added support for configuring up to 100 VIPs on CTP.
- [PR 1487003] Added support for 4WTO CESoPSN bundles (CTP150 only).
- [PR 1497971] Enhanced System Configuration page to support hyphen in Radius passwords.
- [PR 1503946] Added support for CESoPSN interop with Cisco.
- [PR 1504013] Added support for 25 port mirror tail circuits from one node.
- [PR 1504384] Added alert message to indicate VCOMP bundles are not supported over IPv6.
- [PR 1506235] Bundle Configuration page enhanced to allow SD/TT activity indicator to control demand bundles.
- [PR 1506250] Added support for Y-cable redundancy on 4WTO ports.
- [PR 1511007] Enhanced Network Monitoring page to display correct CTP connectivity status during config save operation on CTP.
- [PR 1535875] Added support to prevent upgrading images on a dual imaged CTP.
- [PR 1544259] Added support for configuring proper ST output clock on TRANS encoded circuits.
- [PR 1544758] Enable HTTP Strict Transport Security for web access.
- [PR 1548701] Added support for configuring OAM-free CTP bundles.
- [PR 1540288] Statistics page modified to display continuous graphs without any gaps when period is more than 24 hours.
- [PR 1573307] System admin page enhanced to increase hostname characters from 16 to 25 when adding a CTP to CTPView.

## Issues Fixed in this release:

- [PR 1468711] CTPView products ship with factory default user ctp.
- [PR 1483896] Menu does not always enforce the maximum PDV buffer settings.
- [PR 1511482] Cannot GUI login to CTPView getting "\* Access from your IP address is not allowed."

## CVE's and Security Vulnerabilities addressed in CTPView Release 7.3R7.1

The following CVEs and security vulnerabilities have been addressed in this release.

Critical or Important CVEs Included in httpd, mod_ssl [PR 1575670]
CVE-2016-2183

## Known Issues:

None.

### Note:

If you are using CTPView to upgrade CTP devices to CTPOS 7.3R7.1 or manage CTP devices running CTPOS 7.3R7.1, you must first upgrade the CTPView to 7.3R7.1.

## Security Deployment Guide

Contact JTAC for Security Deployment Guide.

## Required Files:

The full suite of security enhancements is available only when the CTPView software is installed on servers running the CentOS 5.11 Operating System. Contact Juniper Networks Technical Assistance Center (JTAC) if you need to upgrade your operating system.

Following files are provided for upgrading the CTPView software.

File/s	Filename	Checksum
Software and CentOS OS Updates	ctpview_complete_centos_7.3R7-1_210302.tgz	237a8f02b1c3d5935fc26afff0cc70de
ISO image	CentOS_CTPView_7.3R7-1_210302_CD.iso	156ef3977d382d09010d801612826480

Use the following information to determine the correct file to use:

CTPView OS	Server Installed CTPView Release	File for Upgrade	Server Reboots During Upgrade?
Cent OS 5.11	4.5R2 or earlier 4.6R1 or earlier 7.0R4 or earlier 7.1R4 or earlier 7.2R1 or earlier 7.3R6 or earlier	ctpview_complete_centos_7.3R7-1_210302.tgz	Yes

## Installing Software:

On systems running 3.4R2-p1 or 3.4R3 or later:

1. Remove all the old archive files from /tmp directory.
2. Copy the File for Upgrade to the /tmp directory on the server.
3. Log into server shell.
  - a. On CentOS systems as a System Administrator
4. Run the upgrade script: ***upgrade***
5. Change the passwords for all the default user accounts (juniper\_sa, root, Juniper, ctpview\_pgsql) at the end during upgrade (*Refer section Change password of Default User accounts*).

## Changing password of Default User accounts:

This step is applicable only when your CTPView server version is <= 7.3R6 and you upgrade the CTPView software to 7.3R7.1 Release or you burnt 7.3R7.1 ISO on your CTPView server. Change the passwords for all the default user accounts as shown below:

```
#####  
#####  
CTPView has been installed on your system. Now, You need to set the passwords for all  
the default user accounts.  
#####  
#####  
#####  
#####  
#####  
#####
```

PLEASE REMEMBER THESE PASSWORDS!!!

Password recovery is not a simple process:

- It is service affecting.
- It requires console access to the CTPView
- It requires rebooting the CTPView (Possibly even a system repower)

```
#####
#####
#####
#####
```

The new password must be alphanumeric or the characters

@ { } # % ~ [ ] = & , - \_ !

The new password must also be at least 6 characters long, with

1 lowercase, 1 uppercase, 1 digits and 1 other characters.

Note : If unique passwords are not required, use "CTPView-2-2"

Enter New UNIX Password for root

Retype New UNIX Password for root

Changing password for user root.

passwd: all authentication tokens updated successfully.

This will be a System Administrator

The new password must be alphanumeric or the characters

@ { } # % ~ [ ] = & , - \_ !

The new password must also be at least 6 characters long, with

1 lowercase, 1 uppercase, 1 digits and 1 other characters.

Note : If unique passwords are not required, use "CTPView-2-2"

Enter New UNIX Password for juniper\_sa

Retype New UNIX Password for juniper\_sa

Changing password for user juniper\_sa.

passwd: all authentication tokens updated successfully.

The new password must be alphanumeric or the characters

@ { } # % ~ [ ] = & , - \_ !

The new password must also be at least 6 characters long, with

1 lowercase, 1 uppercase, 1 digits and 1 other characters.

Note : If unique passwords are not required, use "CTPView-2-2"

Changing password for user Juniper

Enter the new password:

Re-Enter the new password:

You will now be asked for the password of the PostgreSQL Administrator account:

Password for user postgres:

UPDATE 1

===== Successfully updated the CTPView password for default user Juniper. =====

Note: The user Juniper has been assigned to the default user group TempGroup and has been given default user properties. Review the values using the CTPView Admin Center and make any appropriate modifications.

The new password must be alphanumeric or the characters

@ { } # % ~ [ ] = & , - \_ !

The new password must also be at least 6 characters long, with

1 lowercase, 1 uppercase, 1 digits and 1 other characters.

Note : If unique passwords are not required, use "CTPView-2-2"

Changing password for user ctpview\_pgsql

Enter the new password:

Re-Enter the new password:

You will now be asked for the password of the PostgreSQL Administrator account:

Password for user postgres:

ALTER ROLE

**Note - You can also reset the password of all default user accounts from CTPView menu -> Advanced Functions -> Reset account for default System Administrator.**

## Appendix A

### Creating a CTPView ESXi Virtual Machine

#### Software Prerequisites

- VMware ESXi version 6.7, or any version compatible with the version of ESXi server

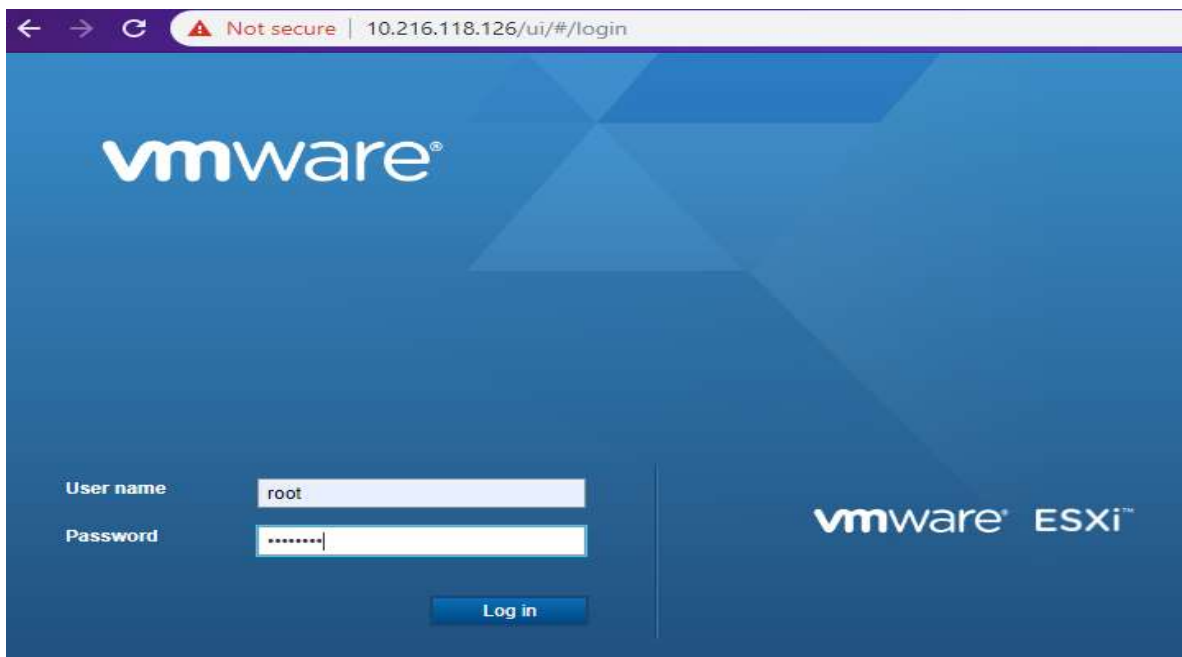
**Note** – If you are using an older version of ESXi (like 5.x), please refer release documentation for CTPView 7.3R5 or earlier for the steps to create a CTPView ESXi Virtual Machine. Below are the steps to create a CTPView ESXi VM in 6.7 ESXi version.

#### Installation Steps

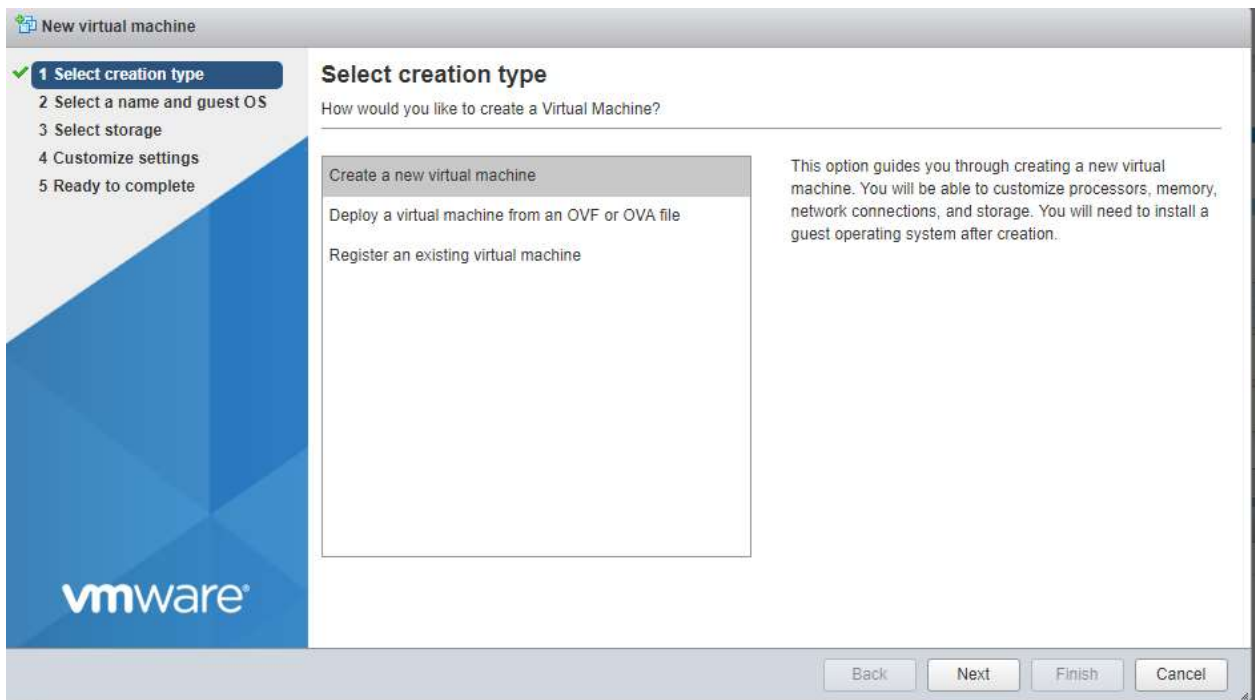
1. Copy the ISO image to the ESXi datastore. For example,

`/vmfs/volumes/datastore1/ISO_FILES/CentOS_CTPView_7.3R7-1_210302_CD.iso`

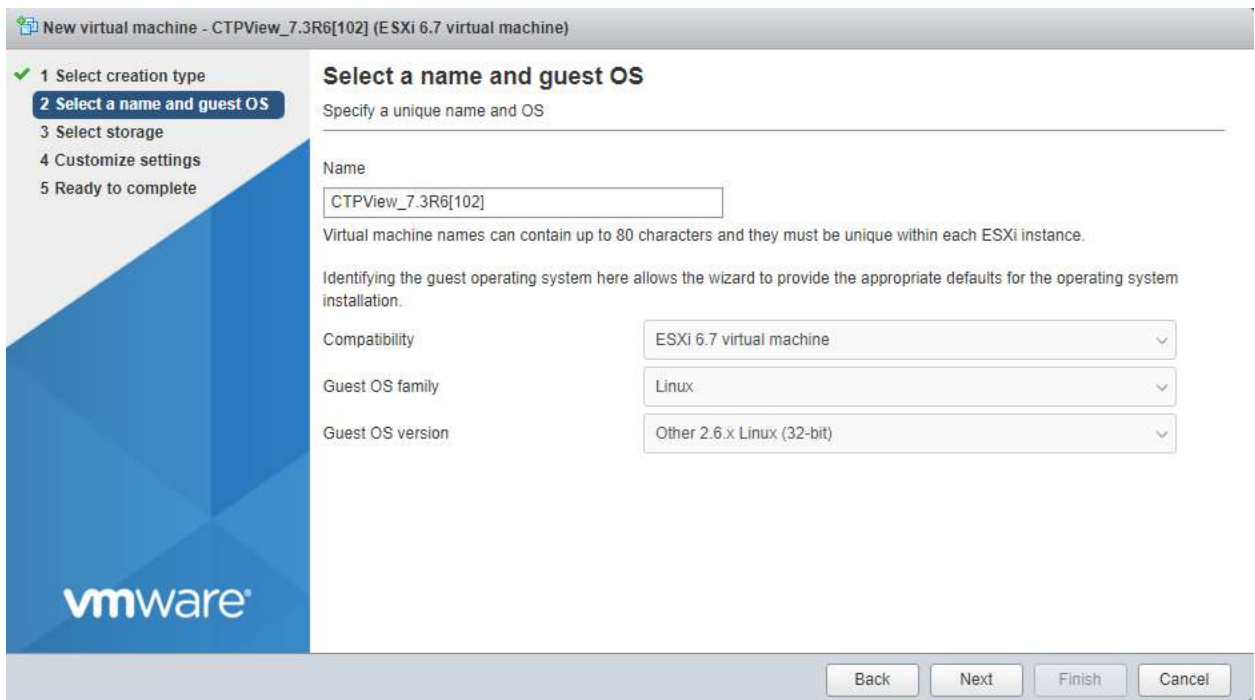
2. Enter the vSphere client IP in browser and then enter the ESXi server IP and required login credentials:



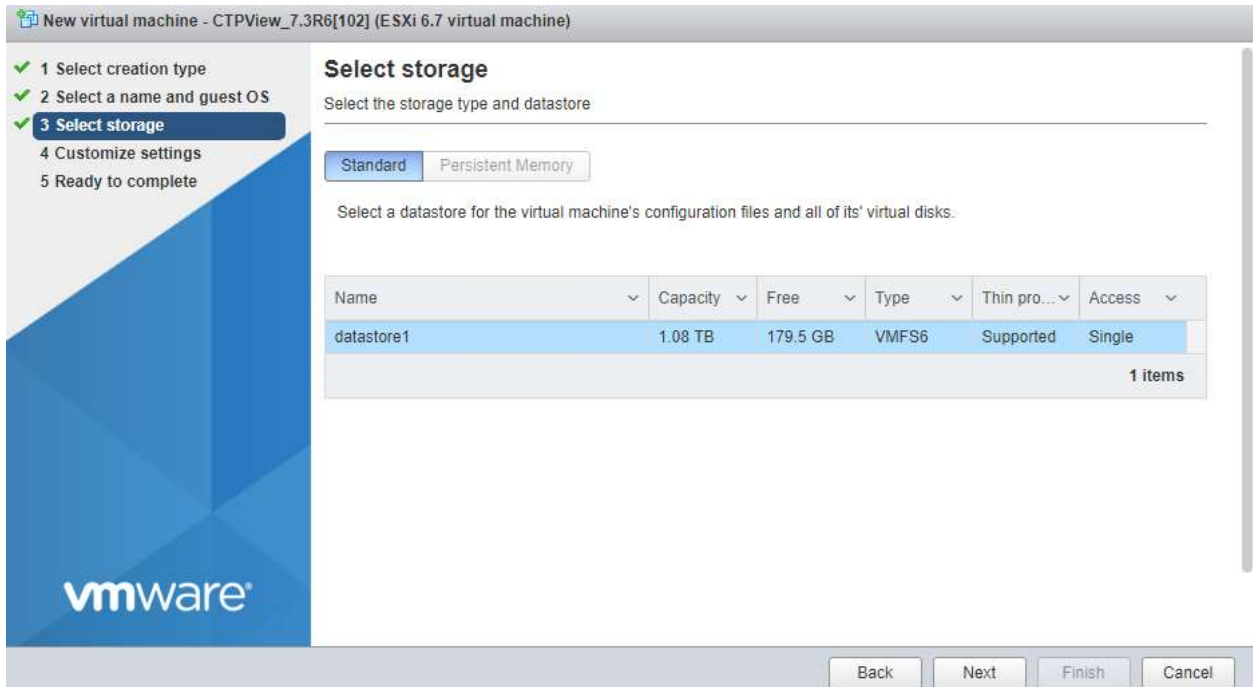
3. The vmware ESXi wizard will open. Click on Create/Register VM at the top of the window.
4. Click "Next".



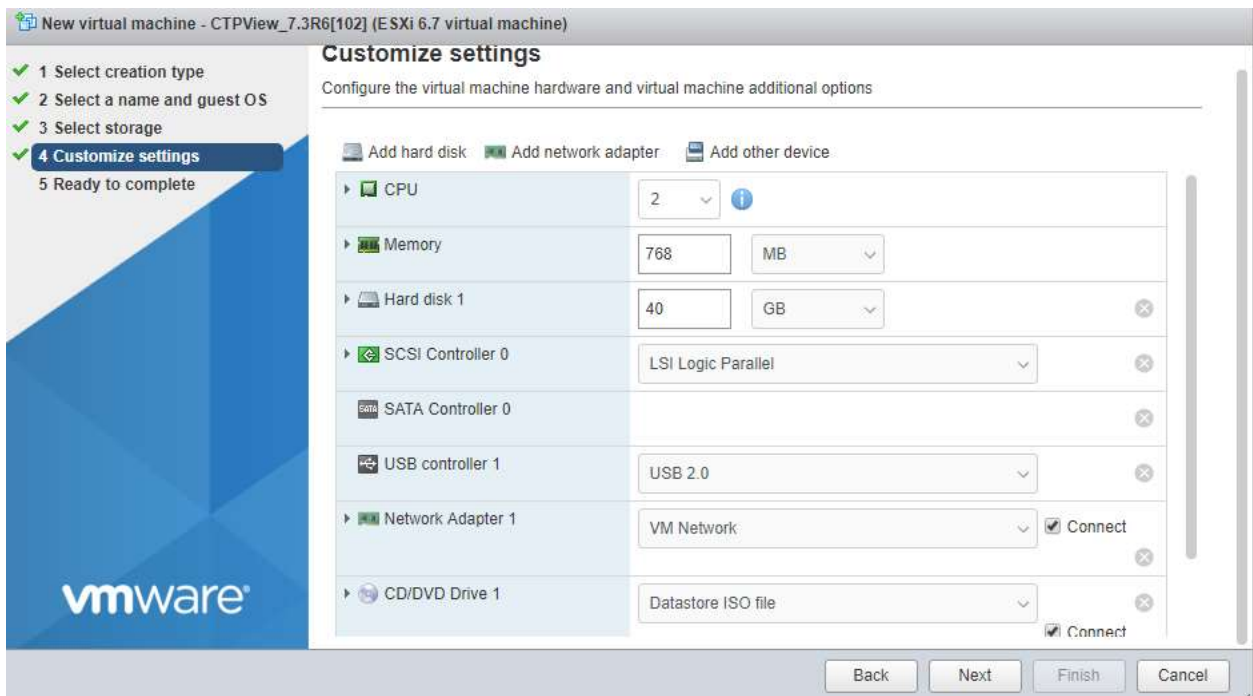
5. Enter the Name of the VM. For example, CTPView\_7.3R7.1[102]. Select Guest OS family as “Linux” and Guest OS version as “Other 2.6.x Linux (32-bit)” and Click “Next”.



6. On the next screen, choose the datastore (with at least 80 GB free space) you want to use and click “Next”.

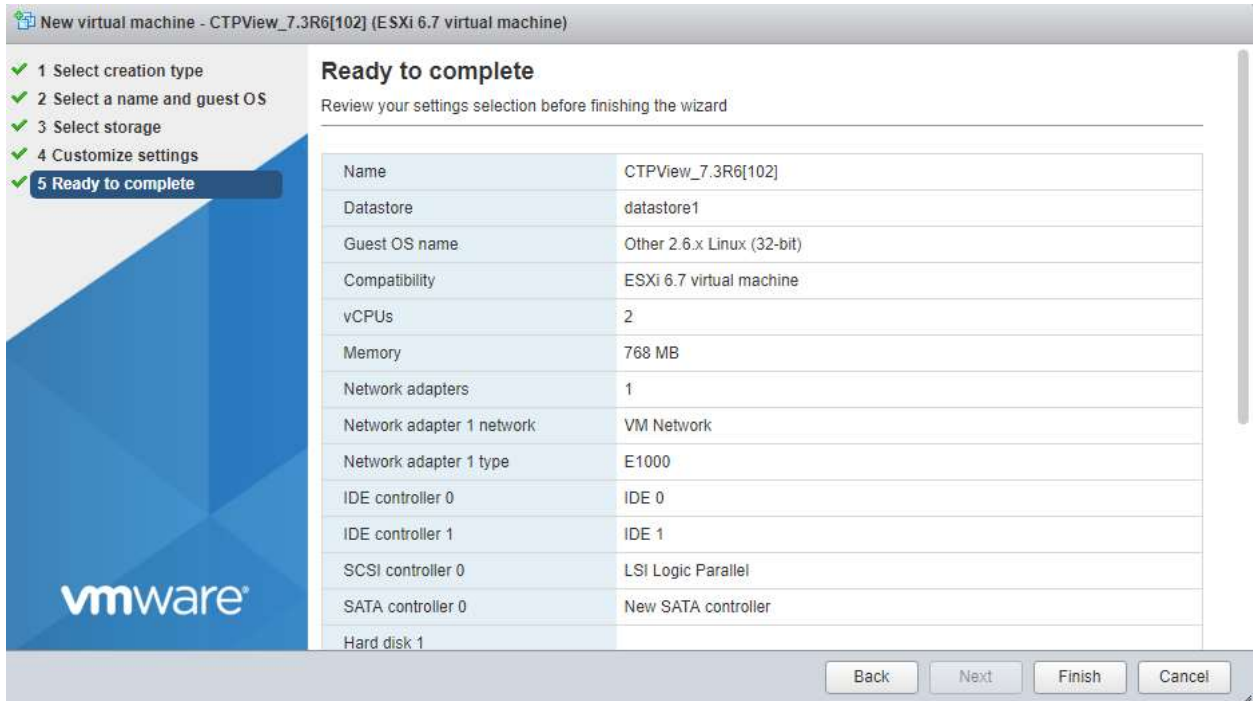


7. Choose the number of CPU as 2, memory as 768 MB (*Note - you may choose a higher memory size*). Choose Hard disk as 40 GB (*Note - you may choose a higher disk size*). Select Network Adapter 1 as VM Network. Choose CD/DVD Drive 1 as Datastore ISO file and select the required ISO file. Click Next.



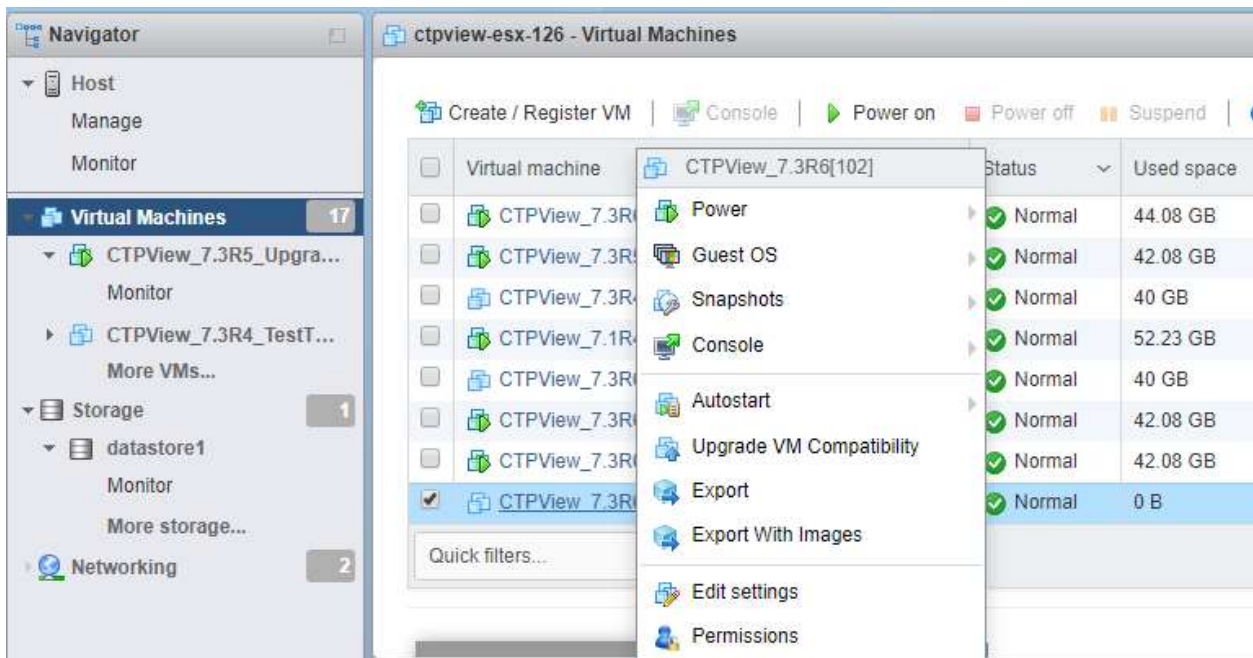
8. Review your settings selection before finishing the wizard.



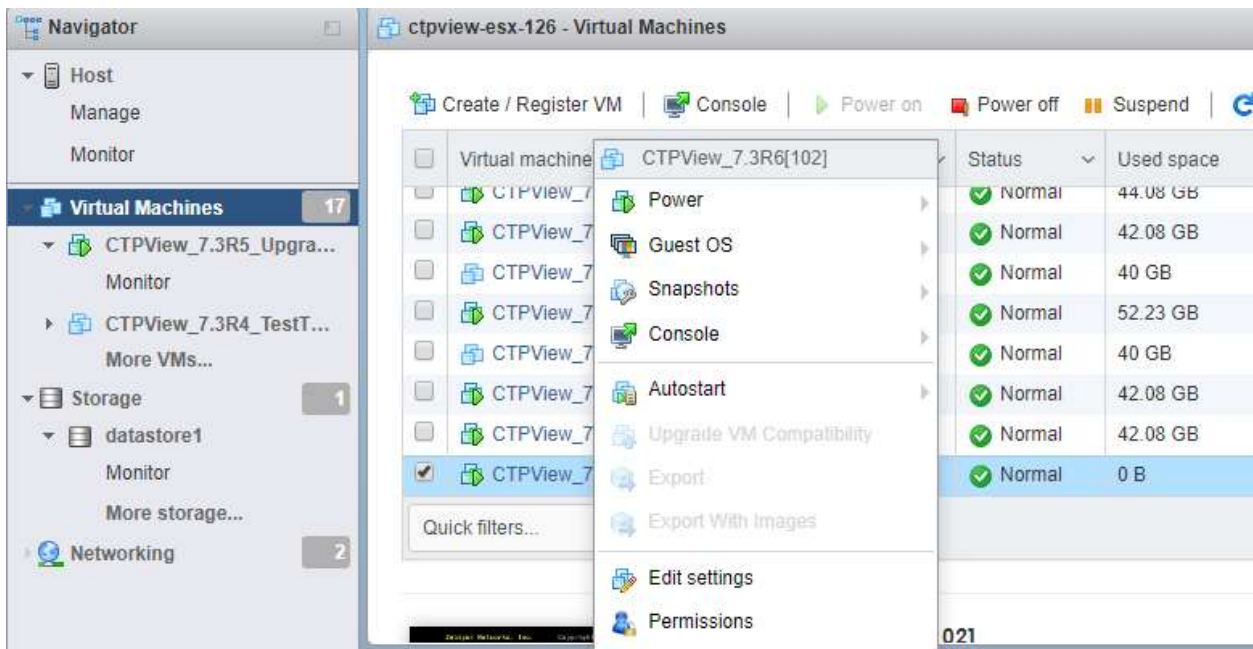


9. Click “Finish”.

10. Click on Virtual Machines in the left. Browse your Virtual Machine that you have created (CTPView\_7.3R7.1[102]. Right click on that Virtual Machine. Go to Power and Power on the Virtual Machine. You can also click “Power On” button at the top to power on the virtual machine.



11. After the virtual machine is powered on, right click on that virtual machine. Go to Console -> Open browser console. You can also click “Console” button at the top to open the console window.



12. Switch to the “Console” tab and click inside the terminal emulator.

13. At the prompt “boot:” enter the installation choice “ctpview-install” and press Enter.

```

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CTPView Management System Installation Utility
with Custom CentOS 5.3 Operating System

- To install the Custom CENTOS and CTPView Management System,
  TYPE: ctpview-install
- To install a PRODUCTION virtualization of the Custom CENTOS and
  CTPView Management System,
  Requires Minimum 60 GB    TYPE: ctpview-vmware
- To install a DEMONSTRATION virtualization of the Custom CENTOS and
  CTPView Management System,
  Requires Minimum 4 GB    TYPE: ctpview-vmdemo
- To skip installation and proceed to hard drive boot,   press <Enter>
- Use the function keys listed below for more information.
  [F1-Main] [F2-Options] [F3-General] [F4-Kernel] [F5-Rescue]
Type your selection at the prompt below:
boot: _

```

14. Wait for the installation to finish.

15. Now return to the Console tab. Prior to CTPView 7.3R7.1, login as **juniper\_sa** user with **CTPView-2-2** as password. In CTPView 7.3R7.1, set the passwords for all the default user accounts (juniper\_sa, root, Juniper, ctpview\_pgsq) during first boot (*Refer section Change password of Default User accounts*).

16. Use the CTPView cli menu utility to configure the IP address, netmask, gateway etc.

17. Press “<Ctrl><Alt>” to change input focus back to your desktop.

## CTP Documentation and Release Notes

For a list of related CTP documentation, see [https://www.juniper.net/documentation/product/en\\_US/ctp2008](https://www.juniper.net/documentation/product/en_US/ctp2008)

If the information in the latest release notes differs from the information in the documentation, follow the CTPOS Release Notes and the CTPView Server Release Notes.

To obtain the most current version of all Juniper Networks technical documentation, see the product documentation page on the Juniper Networks website at <https://www.juniper.net/documentation/>

## Requesting Technical Support

Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or JNASC support contract, or are covered under warranty, and need post sales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the JTAC User Guide located at <https://www.juniper.net/us/en/local/pdf/resource-guides/7100059-en.pdf>.
- Product warranties—For product warranty information, visit <https://www.juniper.net/support/warranty/>
- JTAC hours of operation—The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

## Revision History

March 2021—Revision 1, CTPView Release 7.3R7.1

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