



# Install XCP NFS

## XCP 1.6.2

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# Install XCP NFS

If you want to upgrade XCP, delete the current installation and replace it with a new installation of the latest version.

This section details the system requirements and the procedures for the initial setup of XCP on a Linux client and the INI file configuration.

## System Requirements

	Requirement
System	64-bit Intel or AMD server, minimum 4 cores and 32 GB RAM
Operating System & Software	RHEL8. See the IMT for supported operating systems
Special Requirements	Network connectivity and root level access to source and destination NFSv3 exports  No other active applications
Storage	20 MB of disk space for the XCP binary and at least 50 MB of disk space for the logs that are stored in the /opt/NetApp/xFiles/xcp/ directory
Supported Protocol Version	NFSv3 and NFSv4 (ACL only)
Supported browser (File Analytics only)	XCP File Analytics supports Google Chrome version 76 and later. See the IMT matrix for all the supported versions of the browser

## Steps

1. Log in to the Linux machine as the root user and download and install the license:

```
[root@scspr1980872003 ~]# ls -l
total 36188
-rw-r--r-- 1 root root 37043983 Oct  5 09:36 NETAPP_XCP_<version>.tgz
-rw----- 1 root root      1994 Sep  4 2019 license
```

2. Untar XCP to extract the tool:

```
[root@scspr1980872003 ~]# tar -xvf NETAPP_XCP_<version>.tgz
[root@scspr1980872003 ~]# ls
NETAPP_XCP_<version>.tgz license xcp
[root@scspr1980872003 ~]# cd xcp/linux/
[root@scspr1980872003 linux]# ls
xcp
```

3. Verify that the `/opt/NetApp/xFiles/xcp` path is available on the system from a previous version of XCP.

If `/opt/NetApp/xFiles/xcp` is available, activate the license by using the `xcp activate` command and proceed with data migration.

If `/opt/NetApp/xFiles/xcp` is not available, the system creates the XCP host configuration directory and files at `/opt/NetApp/xFiles/xcp` when you run the `xcp activate` command is run for the first time.

The `xcp activate` command fails as license is not installed.

```
[root@scspr1980872003 linux]# ./xcp activate
(c) 2020 NetApp, Inc.
xcp: Host config file not found. Creating sample at '/opt/NetApp/xFiles/xcp/xcp.ini'

xcp: ERROR: License file /opt/NetApp/xFiles/xcp/license not found.
Register for a license at https://xcp.netapp.com
```

4. Copy the license to `/opt/NetApp/xFiles/xcp/`:

```
[root@scspr1980872003 linux]# cp ~/license /opt/NetApp/xFiles/xcp/
```

5. Verify that the license file was copied to `/opt/NetApp/xFiles/xcp/`:

```
[root@scspr1980872003 ~]# ls -altr /opt/NetApp/xFiles/xcp/
total 44
drwxr-xr-x 3 root root 17 Oct 1 06:07 ..
-rw-r--r-- 1 root root 304 Oct 1 06:07 license
drwxr-xr-x 2 root root 6 Oct 1 10:16 xcpfalog
drwxr-xr-x 2 root root 21 Oct 1 10:16 xcplogs
-rw-r--r-- 1 root root 110 Oct 5 00:48 xcp.ini
drwxr-xr-x 4 root root 83 Oct 5 00:48 .
[root@scspr1978802001 ~]#
```

6. Activate XCP:

```
[root@scspr1980872003 linux]# ./xcp activate  
XCP <version>; (c) 2020 NetApp, Inc.;  
XCP already activated
```

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