



DH2i DxEnterprise 21.0 Software: Installation Reference Guide for RHEL/CentOS

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Installation Reference for Red Hat Enterprise Linux and CentOS

This guide is command reference for installing DxEnterprise and its dependencies on RHEL or CentOS. For a more detailed installation guide, view the [Installation Quick Start Guide for RHEL and CentOS](#).

Install Dependencies and Applications

Install updates

- `sudo yum update`

Set host resolution for all nodes and Vhosts

- `sudo nano /etc/hosts`

Ensure hostname is set and unique

- `hostname`
- `sudo hostnamectl set-hostname <name>`

NOTE: A system restart is required to apply changes.

Install .NET Core Runtime (Red Hat/CentOS 8)

- `sudo dnf install dotnet-runtime-3.1`

Install .NET Core Runtime (Red Hat 7)

- `subscription-manager repos --enable=rhel-7-server-dotnet-rpms`
- `sudo yum install scl-utils`
- `sudo yum install rh-dotnet31`
- `scl enable rh-dotnet31 bash`

Install .NET Core Runtime (CentOS 7)

- `sudo rpm -Uvh https://packages.microsoft.com/config/centos/7/packages-microsoft-prod.rpm`
- `sudo yum install dotnet-runtime-3.1`

Install remaining dependencies

- `sudo yum install udisks2 zip`

Download the DxEnterprise repository configuration file

- `sudo wget -O /etc/yum.repos.d/dh2i.repo https://repos.dh2i.com/<distro>/retail/repo.conf`

NOTE: Replace the <distro> parameter with rhel7, centos7, or rhel8 to download the correct .conf file. For CentOS 8, use rhel8.

Install DxEnterprise

- `sudo yum install -y dxenterprise`

Configure DxEnterprise

Activate server license

- `sudo dxcli activate-server AAAA-BBBB-CCCC-DDDD`

Set cluster passkey (first node installation)

- `sudo dxcli cluster-set-secret`

Set One-Time PassKey (first node installation – requires NAT features enabled on license)

- `sudo dxcli set-otp`

Join existing cluster

- `sudo dxcli join-cluster`

References

- [DH2i Product Documentation](#)
- [DxEnterprise v21.0 DxCli Guide](#)
- [DxEnterprise v21.0 Admin Guide](#)
- [Microsoft – Install .NET Core SDK or .NET Core Runtime on RHEL](#)
- [Microsoft – Install .NET Core SDK or .NET Core Runtime on CentOS](#)