



DH2i DxOdyssey 21.0 Software: RHEL/CentOS Installation Quick Start Guide

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RHEL/CentOS Installation

This quick start guide describes how to install DxOdyssey on a Red Hat Enterprise Linux or CentOS server. Using this guide, the user will install DxOdyssey dependencies and software, then join a second server (gateway) into a gateway group.

Prerequisites

- A physical or virtual machine running RHEL/CentOS 7 or 8. A second machine is required for joining two gateways into a gateway group.

Configure Server and Install Dependencies

1. Update the server using the command `sudo yum update`. If prompted to confirm, enter **Y**.
2. Ensure that the hostname is set and unique using the `hostname` command.
 - To rename the server, run `sudo hostnamectl set-hostname <name>`. The server must be restarted for the change to take effect.
3. Install Microsoft .NET 3.1 Runtime using installation instructions from Microsoft. There are different instructions for [Red Hat](#) and [CentOS](#) servers.
4. Install remaining DxOdyssey dependencies by running `sudo yum install zip`.
5. OPTIONAL: Set host resolution for all servers (gateways) that will be participating in the gateway group using `sudo nano /etc/hosts`. Write the IP address and hostname of the servers to the file and save.

Install DxOdyssey

1. Download the DH2i repository configuration file by running the command `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*.

2. Run the command `sudo yum install -y dxodyssey`.

Configure DxOdyssey

1. Activate the server using the command `sudo dxcli activate-server`.

Syntax

```
dxcli activate-server <key> [gateway]
```

Parameters

Name	Description	Required
key	The license key.	True
gateway	The name of the gateway (comma-separated list of multiples).	False

Example

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

2. Set the gateway group passkey using the command `sudo dxcli gateway-group-set-secret`.

Syntax

```
dxcli gateway-group-set-secret
```

Parameters

Interactive only.

Example

```
dxcli gateway-group-set-secret
```

3. DxOdyssey utilizes NAT matchmaking to easily connect servers across the internet. Use the command `sudo dxcli set-otpk` to set a One-Time PassKey for the gateway group. The passkey expires one hour after creation by default.

Syntax

```
dxcli set-otpk [ttl] [otpk]
```

Parameters

Name	Description	Required
ttl	The time the key will expire.	False
otpk	The One-Time PassKey in base64.	False

Example

```
dxcli set-otpk
```

Setup Second Gateway and Join to Gateway Group

1. Complete all the steps in the [Configure Server and Install Dependencies](#) section for the second gateway.
2. Complete the [Install Odyssey](#) section and step one of the [Configure DxOdyssey](#) section for the second gateway.
3. Join the second gateway to the gateway group using `sudo dxcli join-gateway-group` and follow the prompts. When asked to use a NAT proxy, select **Y**. Enter the OTPK to join the gateway group.

Syntax

```
dxcli join-gateway-group
```

Parameters

Interactive only.

Example

```
dxcli join-gateway-group
```

References

- [DxOdyssey Admin Guide](#)
- [DxOdyssey DxCLI Guide](#)
- [DH2i Support Portal](#)
- [Install .NET Core SDK or .NET Core Runtime on RHEL](#)
- [Install .NET Core SDK or .NET Core Runtime on CentOS](#)