Deployment Advice

This document covers general recommendations for DNS Manager.

* Compatibility
* Installation
* Upgrade

Fast Track
You can always install DNS Manager via Command Line Installer! This will work even if the server is virtualized with any another technology than Virtuozzo or if you do not have root access to the virtualization OS.

We recommend **virtualization** because it brings management advantages, as well as superior resource abstraction and disaster recovery capabilities.

Before you start to upgrade mission critical production environments, it's always safe to perform the **testing phase**.

Compatibility

DNS Manager can be installed on Red Hat Enterprise Linux 6/7 (x86_64) or CentOS 6.x/7.x (x86_64).

When the OS runs on a virtualization layer, we recommend VMware Vsphere or Virtuozzo.

Check the Hardware Compatibility!

Before you start the installation, make sure you review the Hardware Compatibility List.

Installation

DNS Manager can be installed in multiple ways, based on your environment and requirements. Please find below all options possible.

Supported OS already installed

* **No virtualization:** You must install DNS Manager using the Command Line Installer;
* **Virtuozzo with root access to Virtuozzo OS:** It is recommended to install DNS Manager using the Virtuozzo templates;

Supported OS not installed

You will first have to install the OS, but there are multiple paths to choose from:

* **Install a supported virtualization OS** like Virtuozzo: Following the OS installation, you will be able to install DNS Manager using either the Virtuozzo templates or directly the DNS Command Line Installer;
* **Install using the ISO:** You will need physical or KVM type access to the server; click here to find out how it's done;
* **Install a supported OS and then install DNS Manager using the Command Line Installer**: this can be usually done with a server re-image process;

Upgrade

Plan the upgrade

To guarantee the success of a system upgrade, it is recommended that you:

* Review the Release Notes for the software version you want to upgrade to;
* Check the upgrade process and the new software on a testing environment;
* Schedule the upgrade after making sure that all implications of the upgrade are fully understood.

Perform the upgrade
The upgrade process depends on your installation environment:

* **No virtualization**: You must install DNS Manager via Command Line Installer.
* **Virtuozzo:** If you installed DNS Manager using the Virtuozzo templates and root access to Virtuozzo is available, you can upgrade using the Virtuozzo templates. Otherwise, you must install DNS Manager via Command Line Installer.