

# NetApp MAX Data 1.5

## Quick Start Guide

### Preparing to install

1. Verify your planned MAX Data configuration. Start [here](#), and then click **Next >> Refine Search Criteria** to view all supported components.
2. Obtain the appropriate MAX Data license for the number of servers you are deploying.
3. On a supported NetApp ONTAP storage system (AFF, FAS, or ONTAP Select, if your system includes one):
  - a) Create a Storage Virtual Machine (SVM) and record the SVM administrator credentials.
  - b) Configure DNS and NTP on the storage system and the MAX Data servers.
  - c) Add the "certificate" authentication method for SSL authentication of the SVM user.
  - d) Enable FC or iSCSI on the SVM, and cable following the ONTAP [SAN Configuration Guide](#).
  - e) Create at least two data LIFs on each node. Configure zoning on the switch for FC.
  - f) Add data protection using [SnapMirror SVM replication](#) with the "identity discard" option.

### Installing the MAX Data software

1. Download the MAX Data 1.5 installation package from the [NetApp Support Site](#). Copy the package to each server and extract the files to a working directory.
2. Log into the server with root privileges.
3. In the working directory, install the software and open firewall ports:  
`./max_install.sh --enable-ports`
4. Repeat for each MAX Data server in your configuration.

### Installing the MAX Recovery server for zero RPO

1. Install supported RDMA cards in each server.
2. Install a supported switch and cable each server to the switch.
3. Download and install the MAX Data 1.5 installation package on the recovery server using the same procedure as for the MAX Data server. MAX Recovery uses the same package as MAX Data.

### Configuring MAX Data software

1. Open a web browser on any server where you have installed MAX Data and point it to:  
`https://hostname|IP_address:9444`
2. Following the configuration wizard, select whether your configuration will use an ONTAP system or is a server-only configuration, and then provide network addresses, desired memory configuration, license, and other details about your application. The wizard also performs required ONTAP software configuration if necessary.
3. If desired, specify the optional MAX Recovery server to configure.

### Verify the configuration was successful

1. Point a web browser to a MAX Data server:  
`https://hostname|IP_address:9444`
2. Click the **File Systems** and **Hardware Monitoring** tabs and view the current data.