



DefendX Software Vision Data Collection Agent™ for EMC® Installation Guide Version 9.1

This guide provides quick instructions for the installation of Data Collection Agent™ for NAS, EMC® Edition, from an administrator's perspective. Upon completion of the steps within this document, DefendX Software Data Collection Agent for NAS, EMC Edition will be installed within your enterprise community.



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Executive Summary

Thank you for your interest in DefendX Software Data Collection Agent™ for NAS, EMC® Edition. DefendX Software Data Collection Agent for NAS, EMC Edition is a critical component of an overall file data management (FDM) architecture and is part of the DefendX Software integrated suite of products. Together, these products are designed to help organizations control and report on their current and ever-growing storage infrastructure.

This document is a guide to the successful installation of DefendX Software Data Collection Agent for NAS, EMC Edition. It will take you about 15 minutes to complete the installation steps provided here.

Before You Begin

The hardware required to support DefendX Software Data Collection Agent for NAS, EMC Edition should be appropriate for the services running on the machine. For more specific hardware information, review the *Requirements* section of this document.

DefendX Software recommends using a single service account for installing DefendX Software Data Collection Agent for NAS, EMC Edition. This account requires local administrator rights on each machine where DefendX Software Data Collection Agent for NAS, EMC Edition is installed and on each VNX®/Unity that the agent will scan, in addition to permission to write to the database.

Requirements

Hardware Specification

Each DefendX Software Data Collection Agent for NAS, EMC Edition server must meet the following minimum requirements prior to installation:

- 2.2 GHZ CPU
- 4 GB RAM
- 20 MB free disk space

Each agent requires 20 MB for installation files and additional disk space for scan caching. The amount of disk space required for scan caching scales depending on the amount of disk space that the agent is configured to scan. DefendX Software recommends reserving 1 GB of additional disk space for this scan caching.

Software Specification

Each agent server must be running:

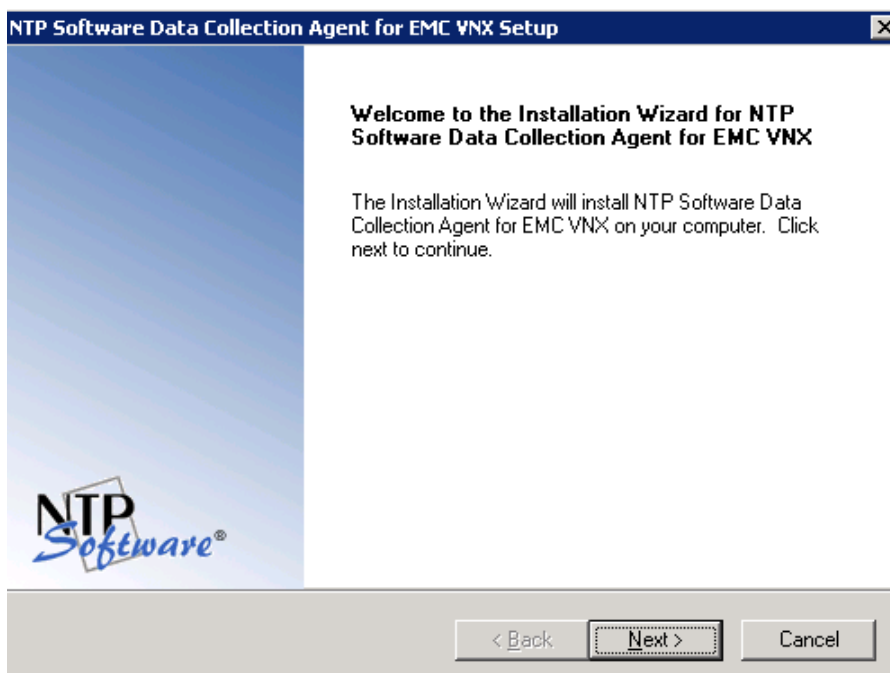
- Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2012, or Windows® XP with administrator privileges.

Installation

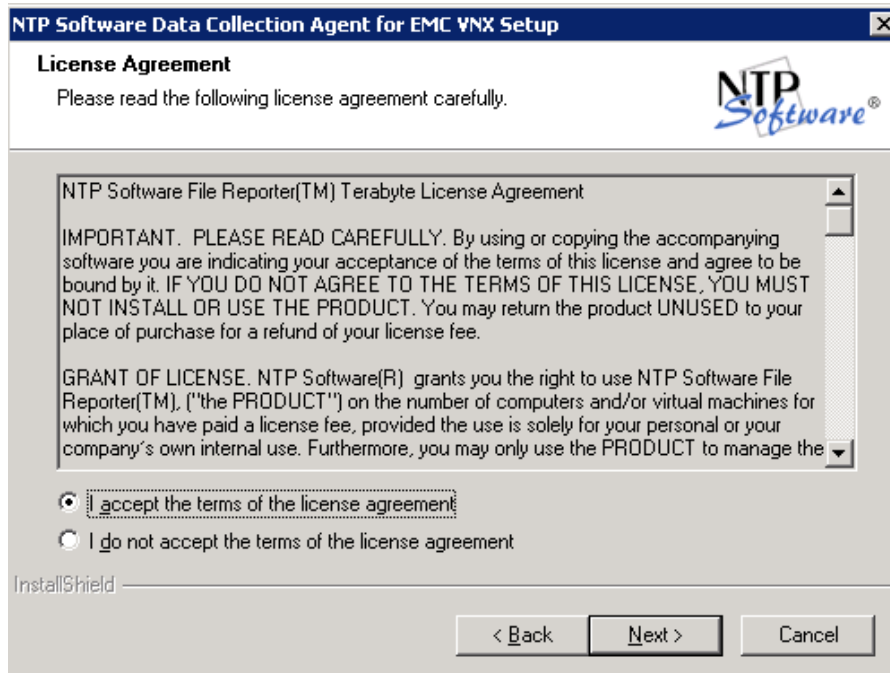
Prior to installing DefendX Software Data Collection Agent for NAS, EMC Edition, DefendX Software recommends verifying that the installation server meets the requirements listed in the *Requirements* section of this document.

Installing Data Collection Agent for NAS, EMC Edition

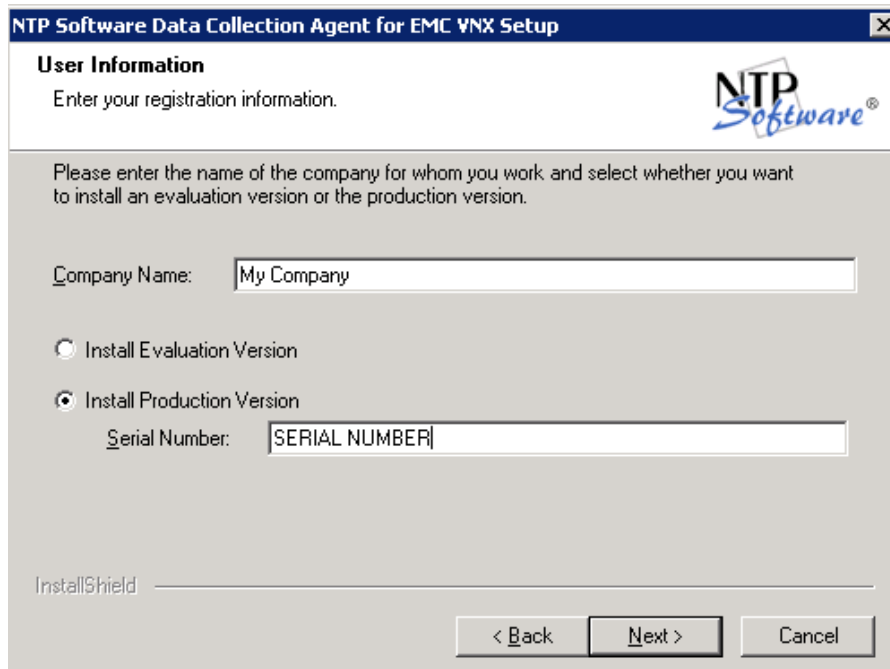
1. Log on to your Windows Server 2008, Windows Server 2008 R2, or Windows XP machine using an account with administrator privileges.
2. Launch the **Setup.exe** file
3. When the **Welcome** dialog box appears, click **Next**.



4. In the **License Agreement** dialog box, read the end-user license agreement. If you agree to the terms, select **I accept the terms of the license agreement** and then click **Next**. If you do not accept the terms, click **Cancel** to exit the installation.



5. In the **User Information** dialog box, provide your company name and serial number, or select the **Install Evaluation Version** option if you are installing a trial version of the software. Click **Next**.



6. In the **Choose Destination Location** dialog box, specify the destination location for the installed software. Click **Next**.

The dialog box is titled "NTP Software Data Collection Agent for EMC VNX Setup" and has a close button (X) in the top right corner. The main heading is "Choose Destination Location" with the instruction "Select folder where Setup will install files." The NTP Software logo is in the top right. Below the heading, it states: "Setup will install NTP Software Data Collection Agent for EMC VNX in the following folder. To install to this folder, click Next. To install to a different folder, click Browse and select another folder." A text box labeled "Destination Folder" contains the path "C:\...\NTPSoftware\Data Collection Agent\Celerra" and a "Browse..." button to its right. At the bottom, there are three buttons: "< Back", "Next >" (highlighted with a dashed border), and "Cancel".

7. In the **Agent Configuration** dialog box, you will be prompted for a Windows domain user account to run the agent. Enter the username and password for a domain user account with administrative rights on the VNX, as well as read/write privileges for the DefendX Software Data Collection Agent for NAS, EMC Edition database. Click **Next**.

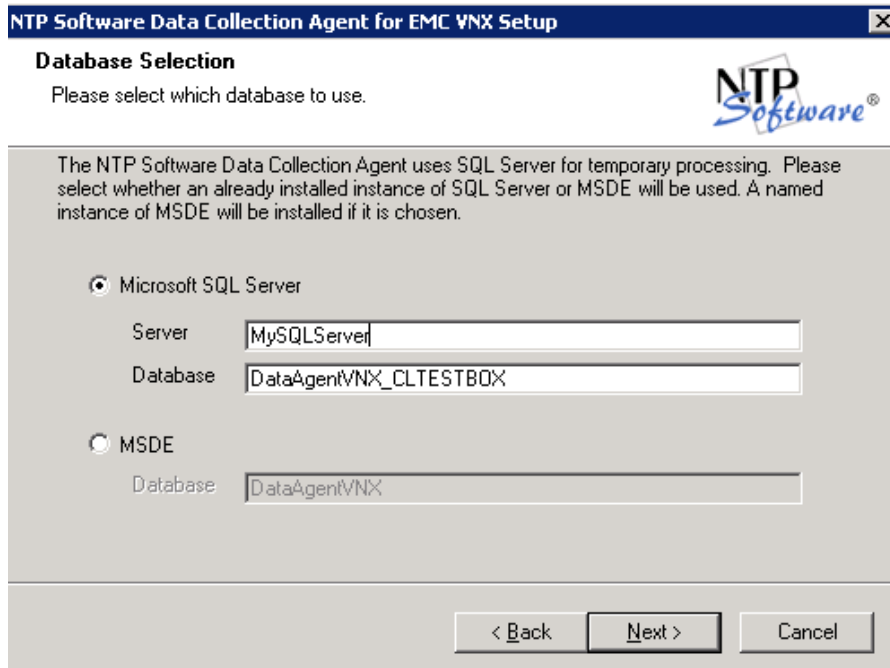
The dialog box is titled "NTP Software Data Collection Agent for EMC VNX Setup" and has a close button (X) in the top right corner. The main heading is "Agent Configuration" with the sub-heading "Security Context". The NTP Software logo is in the top right. Below the heading, it states: "Please provide a windows user account. The agent will be configured to run in this context while scanning the device. This account should have administrative privileges on the local system as well as permissions to write to the historical database." There are three input fields: "Login" with the text "Administrator", "Password" with "xxxxxxxx", and "Confirm" with "xxxxxxxx". At the bottom, there are three buttons: "< Back", "Next >" (highlighted with a dashed border), and "Cancel".

8. In the **Agent Configuration** dialog box, determine whether you will use a local or web location for the agent configuration file. If you select the **Web Service** option, enter the IP address or fully qualified domain name (FQDN) of the web server and the service (the default is DataAgentAdmin). Click **Next**.

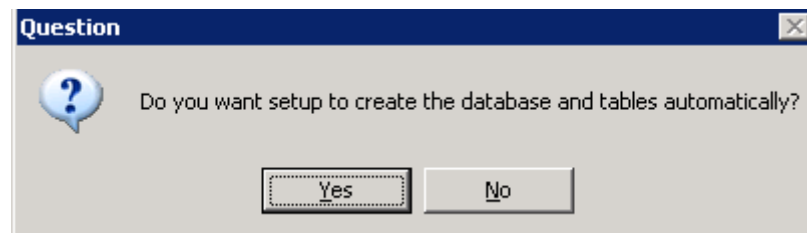
NOTE: If you selected the local file option, please make sure to add the configuration manually. Automatic scans and administration site configuration will not be available in case of local file selection.

The screenshot shows a Windows-style dialog box titled "NTP Software Data Collection Agent for EMC VNX Setup". The main heading is "Agent Configuration" with the subtitle "Configuration File Location". The NTP Software logo is in the top right corner. The text reads: "The agent can be configured using a local configuration file or a centralized web service. Please select the type of configuration file to use." There are two radio button options: "Local File" (unselected) and "Web Service" (selected). Below "Web Service", it says: "Please specify the FQDN or IP address of the web server, name of the web service, and name of the configuration group. Do not prepend server name with 'http://'." There are two text input fields: "FQDN" containing "localhost" and "Service" containing "DataAgentAdmin". At the bottom, there are three buttons: "< Back", "Next >", and "Cancel".

9. In the **Database Selection** dialog box, select which database to use. If you are using **Microsoft SQL Server**, enter the server name and the database name. However, if you use **MSDE**, specify the database to be used. Click **Next**.



10. If you specified **Microsoft SQL Server** on the **Database Selection** dialog, the **Question** dialog box will follow. In the **Question** dialog box, you will be prompted to enable the software to create the database and tables automatically. If you select **Yes**, the database and tables will be created in locations that you selected in the previous step. If you select **No**, the installation is pointed to the previously created database.



11. In the **SQL Security** dialog box, specify which security settings you want to use to connect to the SQL server. If you select **SQL Security**, enter the username and the password needed to connect to the SQL server. Click **Next**.

SQL Security

Please specify the security settings for connecting to sql server to create the database and tables.

Integrated Security

SQL Security

User Name:

Password:

Confirm:

< Back Next > Cancel

12. In the **Start Copying Files** dialog box, review your agent and web application configuration information. Click **Back** to make any changes; otherwise, click **Next** to begin copying the files.

Start Copying Files

Review settings before copying files.

Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.

Current Settings:

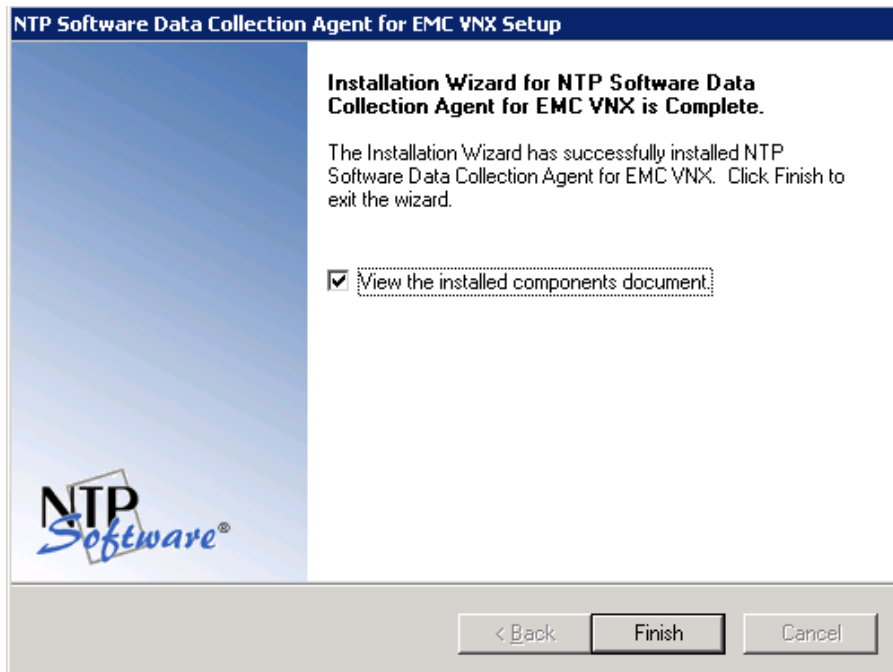
Data Collection Agent

Files will be copied to the folder C:\Program Files\NTPSoftware\Data Collection Agent\Cel

The Agent will be scheduled to run on every Saturday at 1:00AM

< Back Next > Cancel

13. When copying files is finished, a final screen informs you that the installation is complete. If you want to view a list of installed components, select the **View the installed components document** checkbox. Click **Finish** to complete the process.



NOTE: Once you are done with the DefendX Software Data Collection Agent for NAS, EMC Edition installation, you will need to create a corresponding configuration for the agent. For more details, please refer to the DefendX Software Vision™ User Manual.

Installation Completed Successfully!

Thank you for your interest in NTP Software's Data Collection Agent for NAS! The agent is now installed and ready to collect data to assist you in your storage management needs.

Configuring the Agent

The Data Collection Agent can be configured through the Data Collection Agent Administration web site. The following is an example of a typical installation.

Example: <http://SERVER-NAME/DataAgentAdmin/webconfigurationhome.aspx>

The SERVER-NAME equals the name of the server where you installed the Data Collection Agent Administration Application, and DataAgentAdmin is the default name for the application.

Agent Installation

The Agent is the utility used to collect data from remote servers. You should install the collection agent on all servers that you would like to collect data from.

By default, the Agent is setup to run at 1:00am on Saturday morning, but can be changed using the Data Collection Agent Administration web site.

Viewing the Agent Status

The Data Collection Agent Administration site can also be used to view the status of all of the agents that are to run in the environment. The Status site can be accessed via any web browser. Navigation is based upon your installation configuration. The following is an example of a typical installation.

Example: <http://SERVER-NAME/DataAgentAdmin/StatusHome.aspx>

About DefendX Software

DefendX Software helps organizations secure their critical business files and maximize the value of their enterprise file storage resources. From comprehensive intelligence, modeling, costing and chargeback to seamless file movement, protection and archiving, DefendX provides industry-leading capabilities to eliminate waste and align the value of files with the storage resources they consume. With DefendX, important file locations and the users who access them can be monitored to provide governance, protect against theft and enforce compliance policies. For more than 20 years, DefendX Software has been helping public and private sector customers around the world save money and eliminate risk every day.

DefendX Software Professional Services

DefendX Software's Professional Services offers consulting, training, and design services to help customers with their storage management challenges. We have helped hundreds of customers to implement cost-effective solutions for managing their storage environments. Our services range from a simple assessment to in-depth financial analyses.

For further assistance in creating the most cost-effective Storage Management Infrastructure, please contact your DefendX Software Representative at 800-390-6937.

Legal & Contact Information

The information contained in this document is believed to be accurate as of the date of publication. Because DefendX Software must constantly respond to changing market conditions, what is here should not be interpreted as a commitment on the part of DefendX Software, and DefendX Software cannot guarantee the accuracy of any information presented after the date of publication.

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