

Vyapin SharePoint Management Suite Installation Guide

Overview

SharePoint Reports generated using Vyapin SharePoint Management Suite provides you a comprehensive SharePoint reporting solution, covering all aspects of Microsoft SharePoint Server 2019/2016/2013. Our SharePoint reporting software presents insights into events and activities that take place in SharePoint farms on a day-to-day basis and collates them as useful information for SharePoint Administrators, Site Administrators and Site Content Owners to take action. Vyapin SharePoint Management Suite can help you analyze SharePoint farm events and activities from audit, usage, security, policy, & configuration changes perspective.

System Requirements

Vyapin SharePoint Management Suite can be installed in the any client workstation.

Disk space: Minimum of 28 MB of free disk space

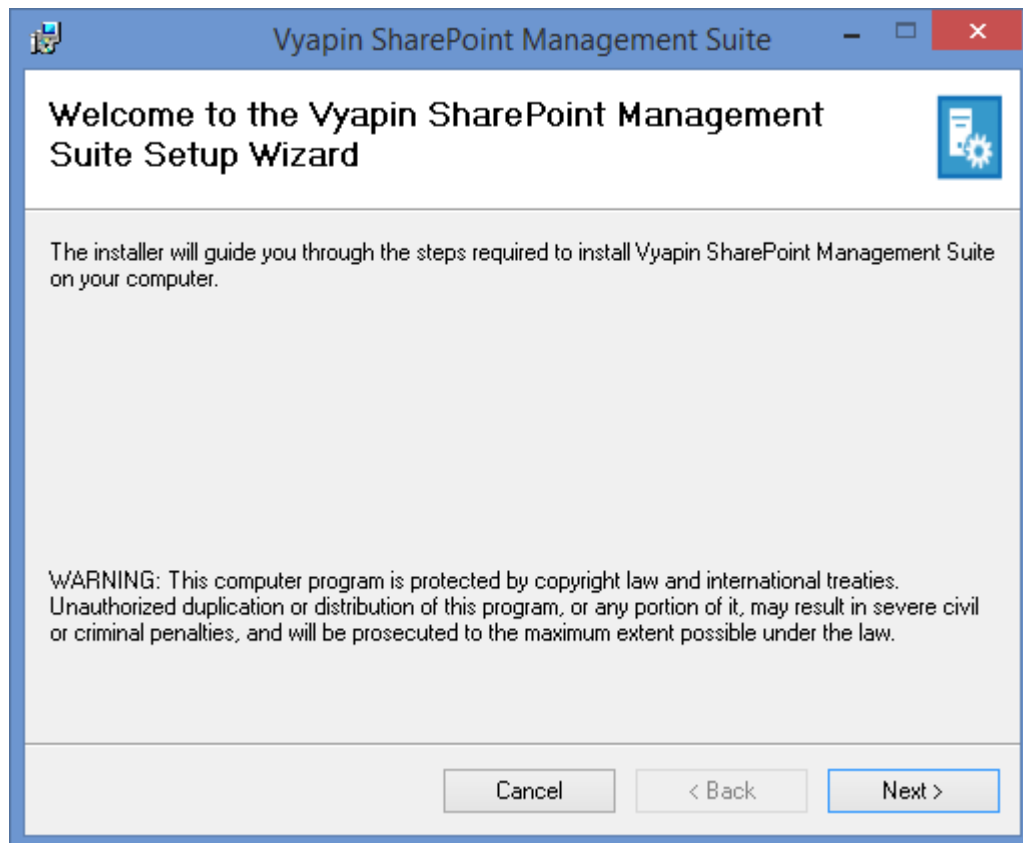
Operating System: Windows 7 and above.

Database: Microsoft SQL Server 2012 / 2008 / 2005 (Enterprise / Standard / Developer / Express edition) running in local / remote computer with latest Service Pack.

Installation Steps

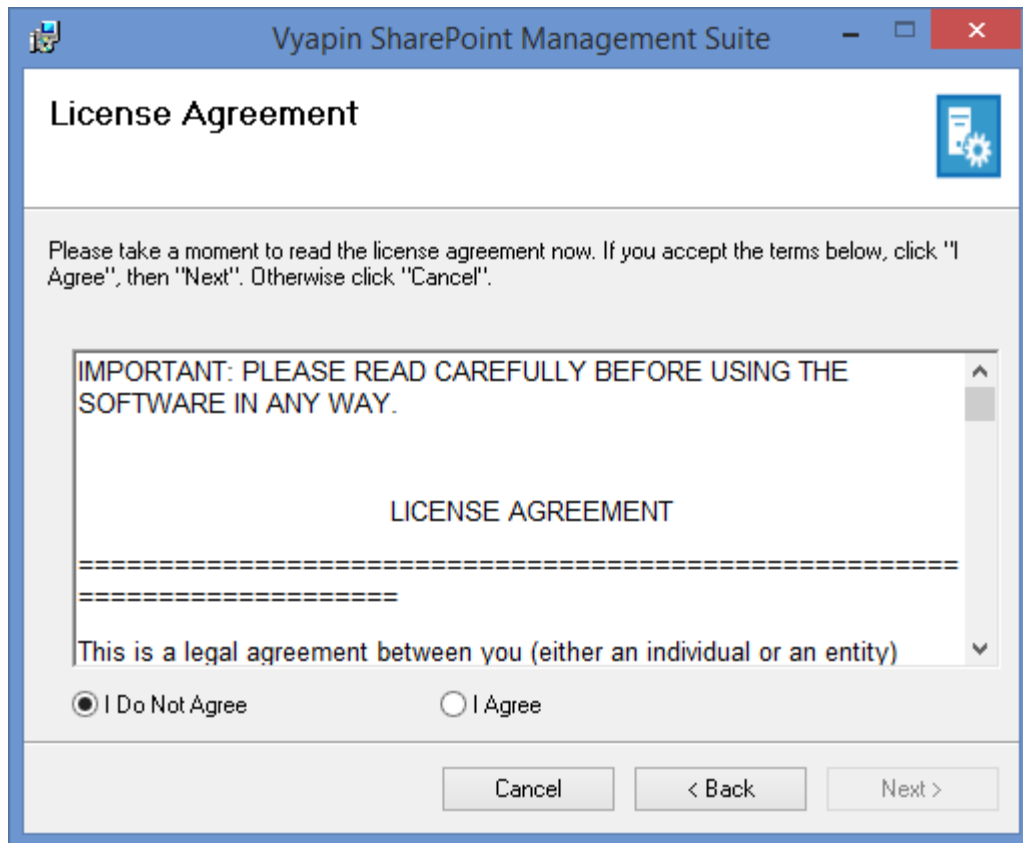
The simple setup wizard will guide you through the installation process as shown below:

Step 1: Once you double-click the Vyapin SharePoint Management Suite.msi, the setup wizard will appear as shown below:



Click **Next** to proceed.

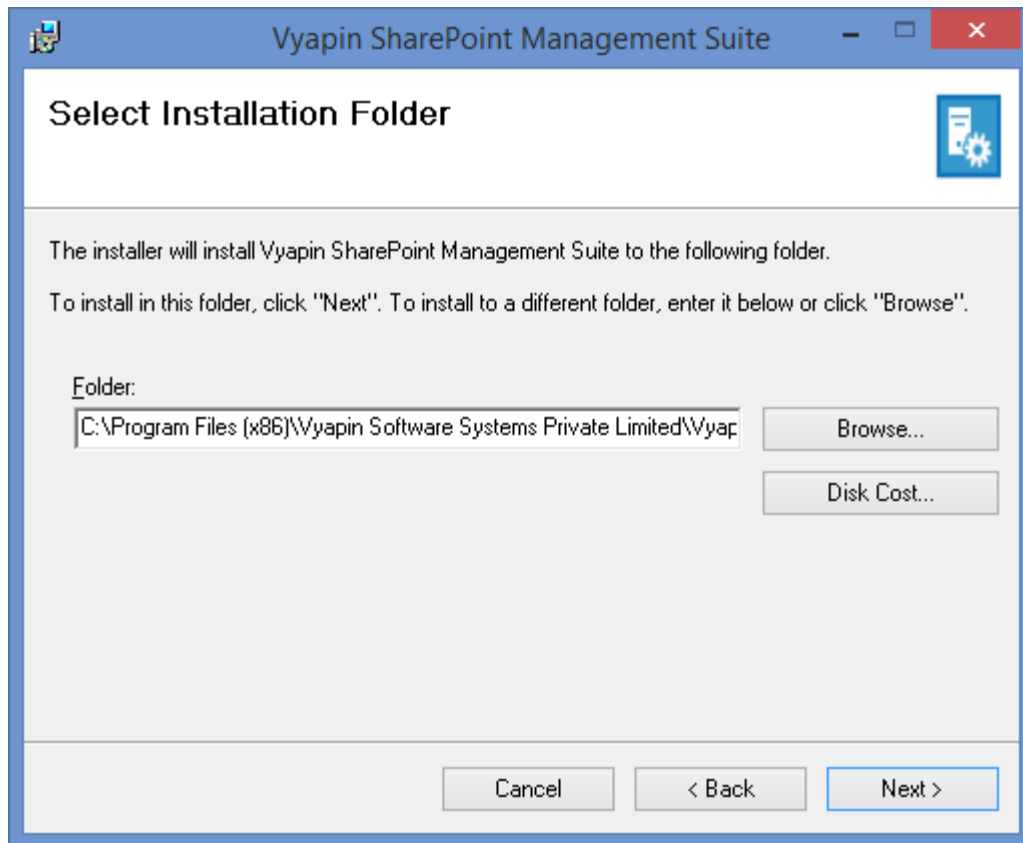
Step 2: License Agreement screen will be shown as below:



Please go through the License Agreement information to familiarize yourself with the contents. This will help you when purchasing the product license.

Click **I Agree** to accept the terms in the **License Agreement** screen and Click **Next** to proceed.

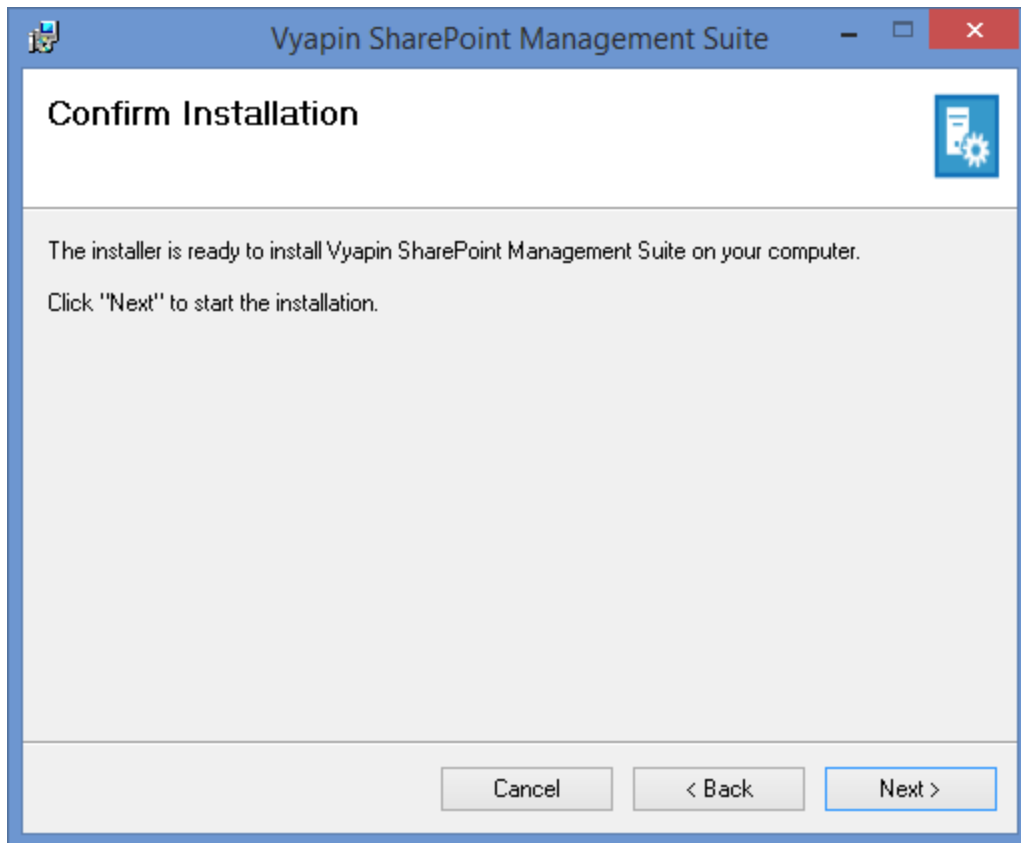
Step 3: Installation Location screen will be shown as below:



- You can select the default location displayed (or)
- You can specify your preferred location through the **Browse** button.

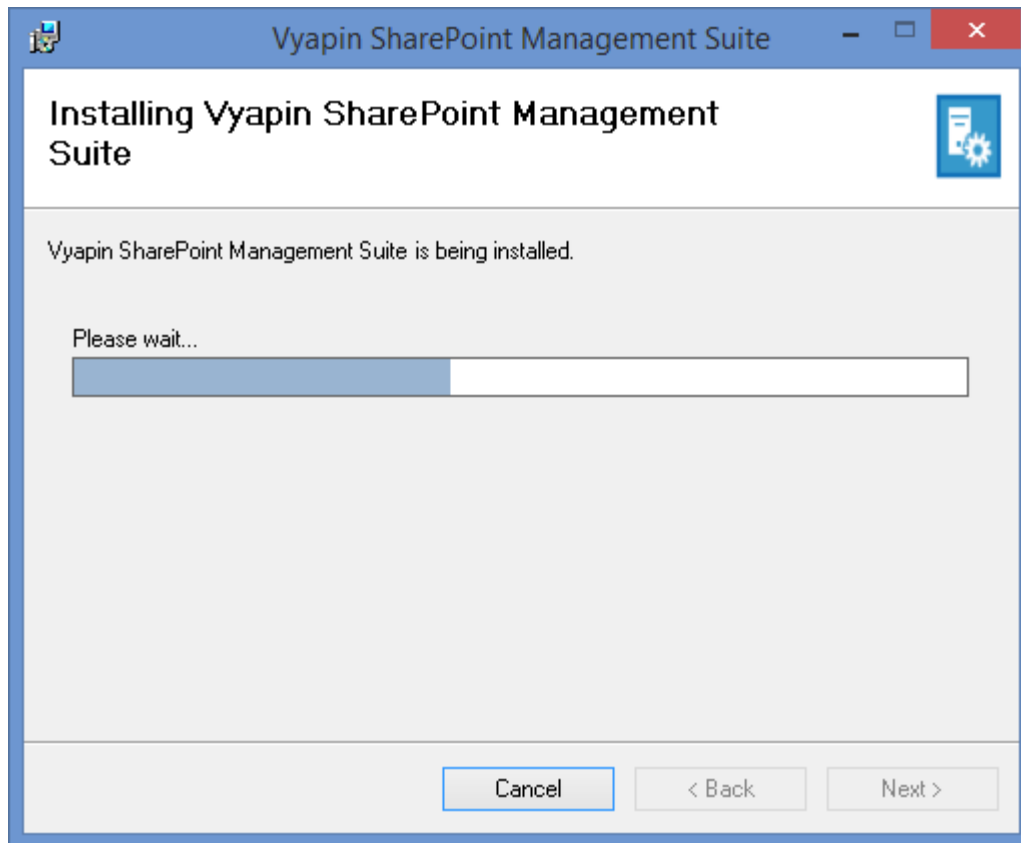
The **Disk Space** button is used to check for available free space in the partition you want to install the product. Click Next to proceed.

Step 4: Confirm Installation screen is displayed as below:

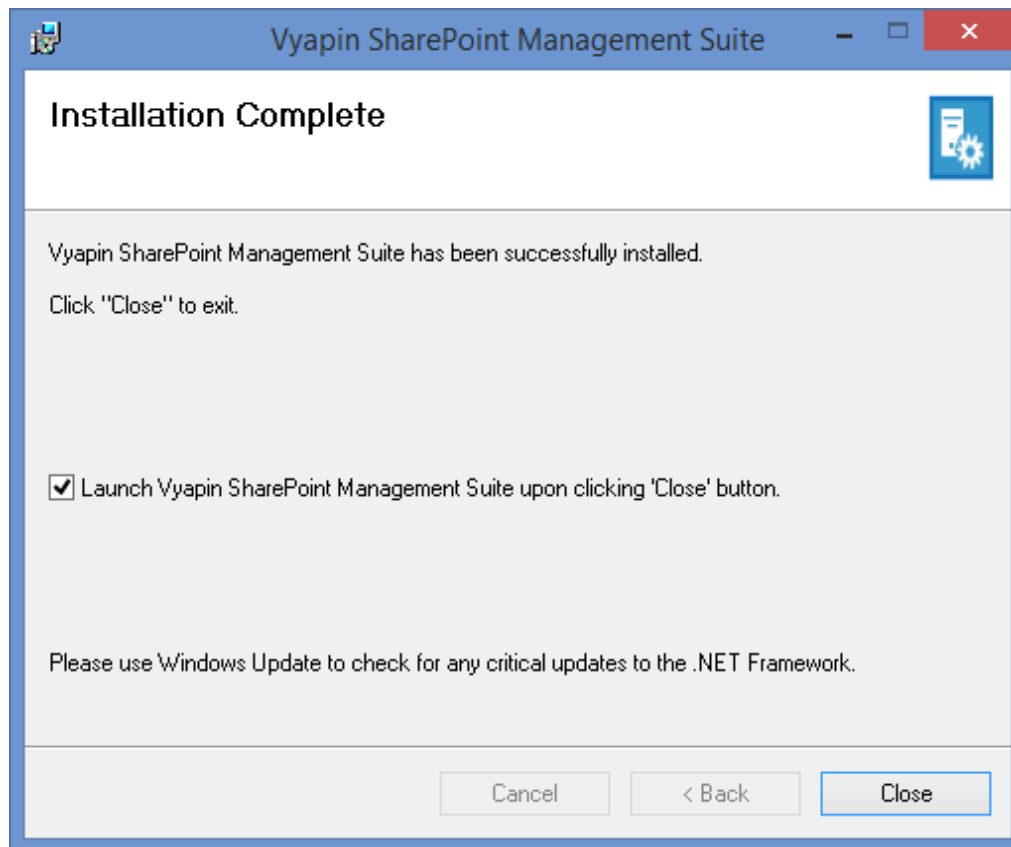


- **Back** – Click this if you want to retrace your steps and change the selected settings.
- **Next** – Click this if you want to proceed with installation.

The progress of the installation is displayed in the **Installing Vyapin SharePoint Management Suite** screen as shown below.



Once the installation is complete, the **Installation Complete** window is displayed as below.



If the **Launch Vyapin SharePoint Management Suite upon clicking 'Close' button** check-box is checked, then the application is launched immediately. If you do not want the application to start immediately, then uncheck this check-box.

Click **Close** to close the installation wizard.

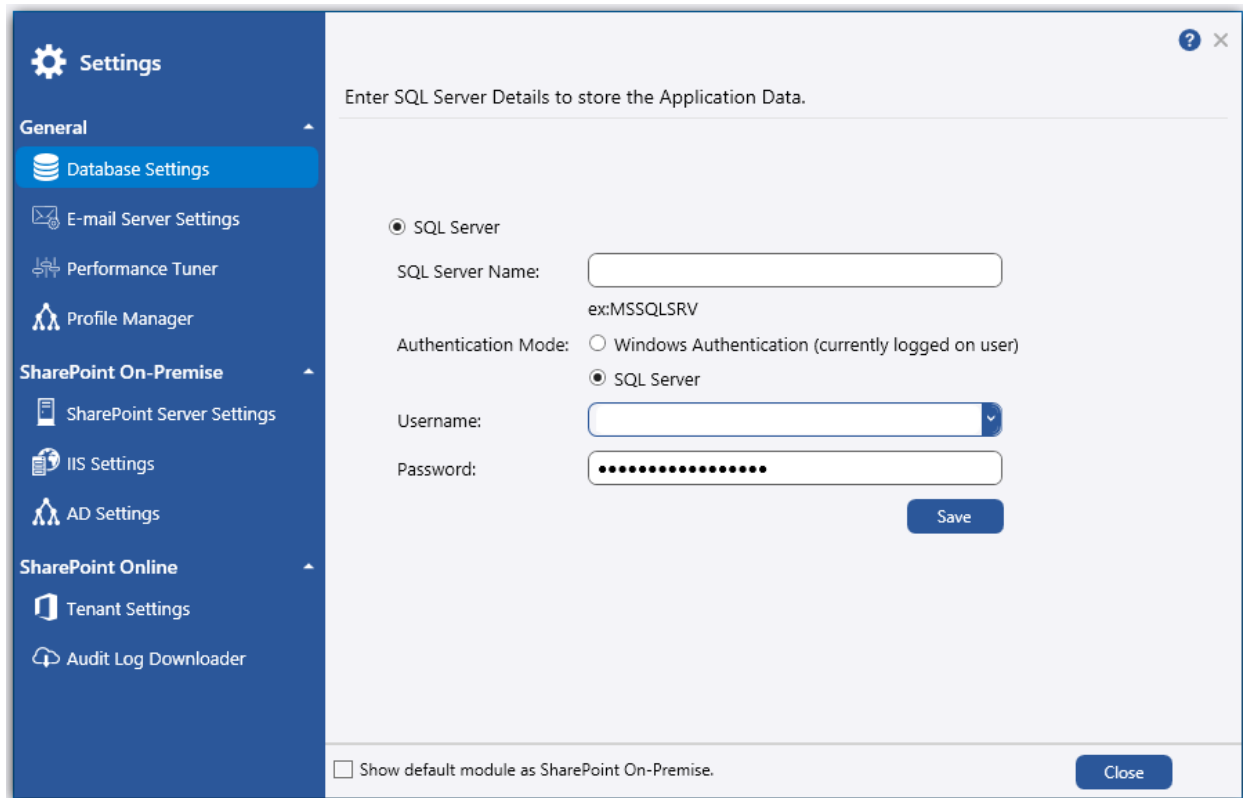
Configuring Vyapin SharePoint Management Suite Application

Once the Vyapin SharePoint Management Suite installation is complete, you must configure a few settings in Vyapin SharePoint Management Suite product to enable you to view detailed reports about your SharePoint farm.

Create SQL Server Settings

Vyapin SharePoint Management Suite uses SQL Server database for its data storage to generate SharePoint reports. Vyapin SharePoint Management Suite will connect to the specified SQL Server based on authentication mode and user credential to manage its own application databases.

Vyapin SharePoint Management Suite will prompt for the SQL settings (Server name, authentication mode, username and password) when the application is launched for the very first time. Settings dialog appears as shown below and you can open Settings dialog by clicking "Settings" icon after launching the application.



The screenshot shows the 'Settings' dialog box with the 'Database Settings' tab selected. The left sidebar lists various settings categories: General, Database Settings (selected), E-mail Server Settings, Performance Tuner, Profile Manager, SharePoint On-Premise, and SharePoint Online. The main area is titled 'Enter SQL Server Details to store the Application Data.' and contains the following fields:

- SQL Server:** A radio button is selected.
- SQL Server Name:** A text input field with the example 'ex:MSSQLSRV' below it.
- Authentication Mode:** Two radio buttons are present: 'Windows Authentication (currently logged on user)' (unselected) and 'SQL Server' (selected).
- Username:** A text input field with a dropdown arrow on the right.
- Password:** A text input field with masked characters (dots).
- Save:** A blue button to save the settings.

At the bottom of the dialog, there is a checkbox labeled 'Show default module as SharePoint On-Premise.' and a 'Close' button.

User Authentication

To connect to SQL Server, Vyapin SharePoint Management Suite uses the relevant user accounts based on the authentication mode as listed below:

A. **Windows Authentication:**

In this method, Vyapin SharePoint Management Suite uses the currently logged on user account while running the reports to authenticate the user in SQL Server.

B. **SQL Authentication:**

In this method, Vyapin SharePoint Management Suite uses the specified SQL user account and password for running reports. It stores the SQL username and password as a user profile in 'Stored User Names and Passwords' applet for its usage.

Note: Vyapin SharePoint Management Suite expects the user account to have sufficient privileges to create, add to and delete database in the SQL server.

SharePoint Server Settings

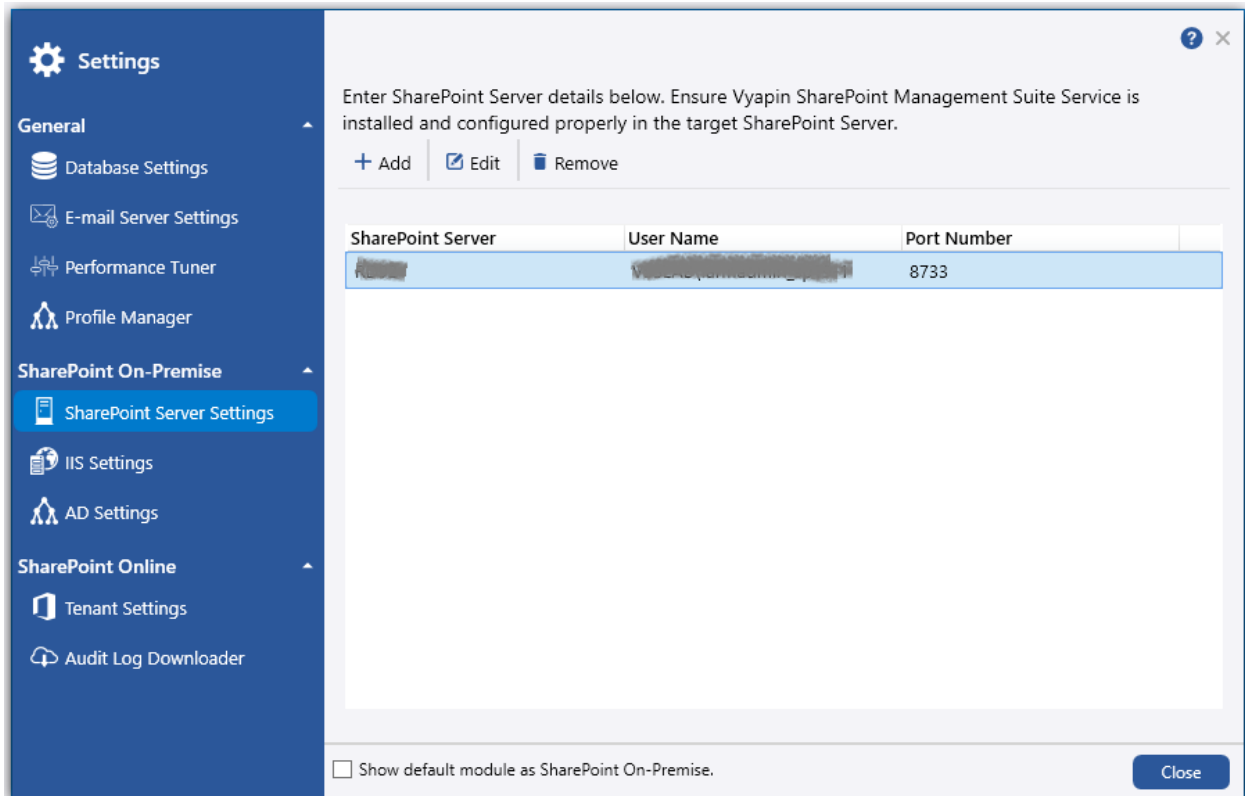
Launch the Vyapin SharePoint Management Suite application using an icon in desktop or using start menu.

After the application launch, click on the "Settings" icon. A dialog will be shown as below.

The screenshot shows the 'Settings' dialog box for Vyapin SharePoint Management Suite. The left sidebar lists various settings categories: General, Database Settings, E-mail Server Settings, Performance Tuner, Profile Manager, SharePoint On-Premise (selected), IIS Settings, AD Settings, SharePoint Online, Tenant Settings, and Audit Log Downloader. The 'SharePoint On-Premise' section is expanded, showing 'SharePoint Server Settings'. The main area contains a message: 'Enter SharePoint Server details below. Ensure Vyapin SharePoint Management Suite Service is installed and configured properly in the target SharePoint Server.' Below this message are three buttons: '+ Add', 'Edit', and 'Remove'. The 'SharePoint Server' field is empty. The 'Port Number' field is empty, with a hint 'e.g. 8733'. The 'Username' field is empty. The 'Password' field is empty, with a hint 'e.g. 8733'. At the bottom right, there are 'Connect' and 'Cancel' buttons. At the bottom left, there is a checkbox labeled 'Show default module as SharePoint On-Premise.' and a 'Close' button.

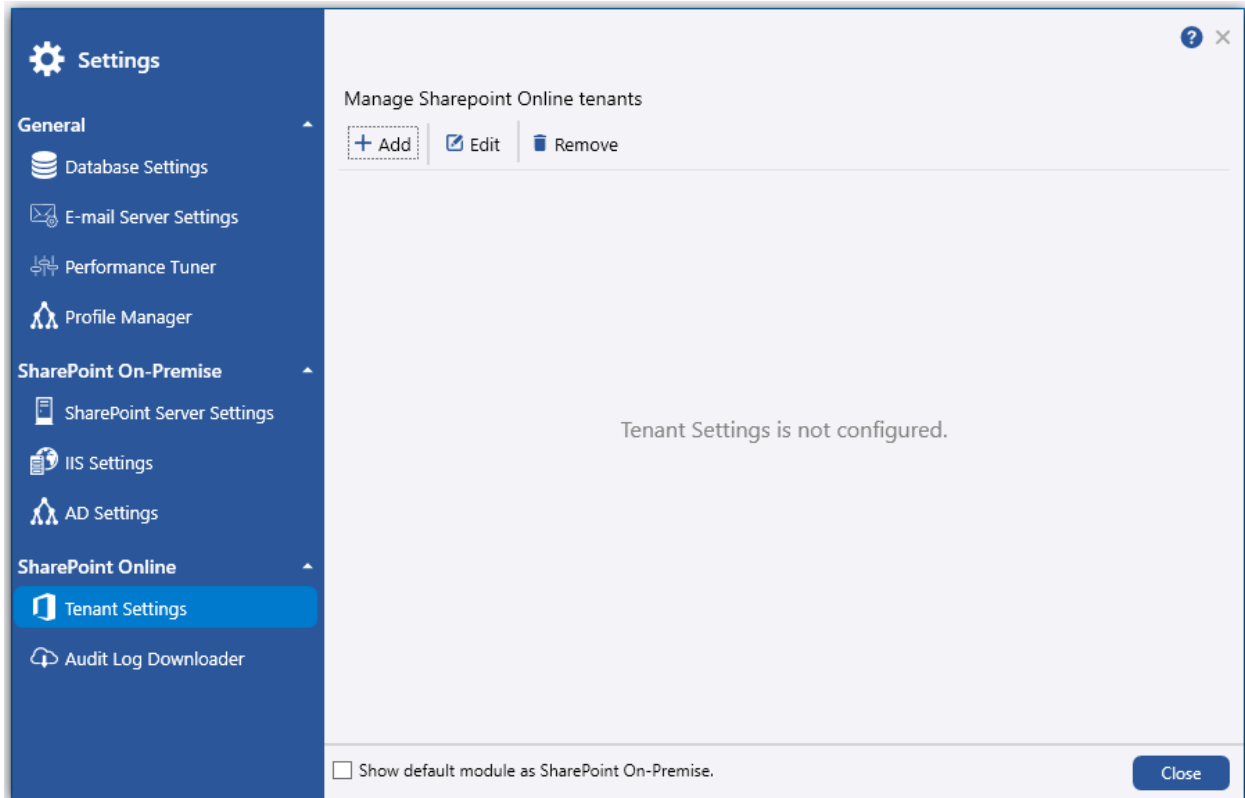
Enter the SharePoint Server name in which Vyapin SharePoint Management Suite Service is running. Enter port number which is used in the VSMS service on the SharePoint server. Enter correct Username and Password, then click "Connect".

Now you have configured your SharePoint Server and now it looks like below.

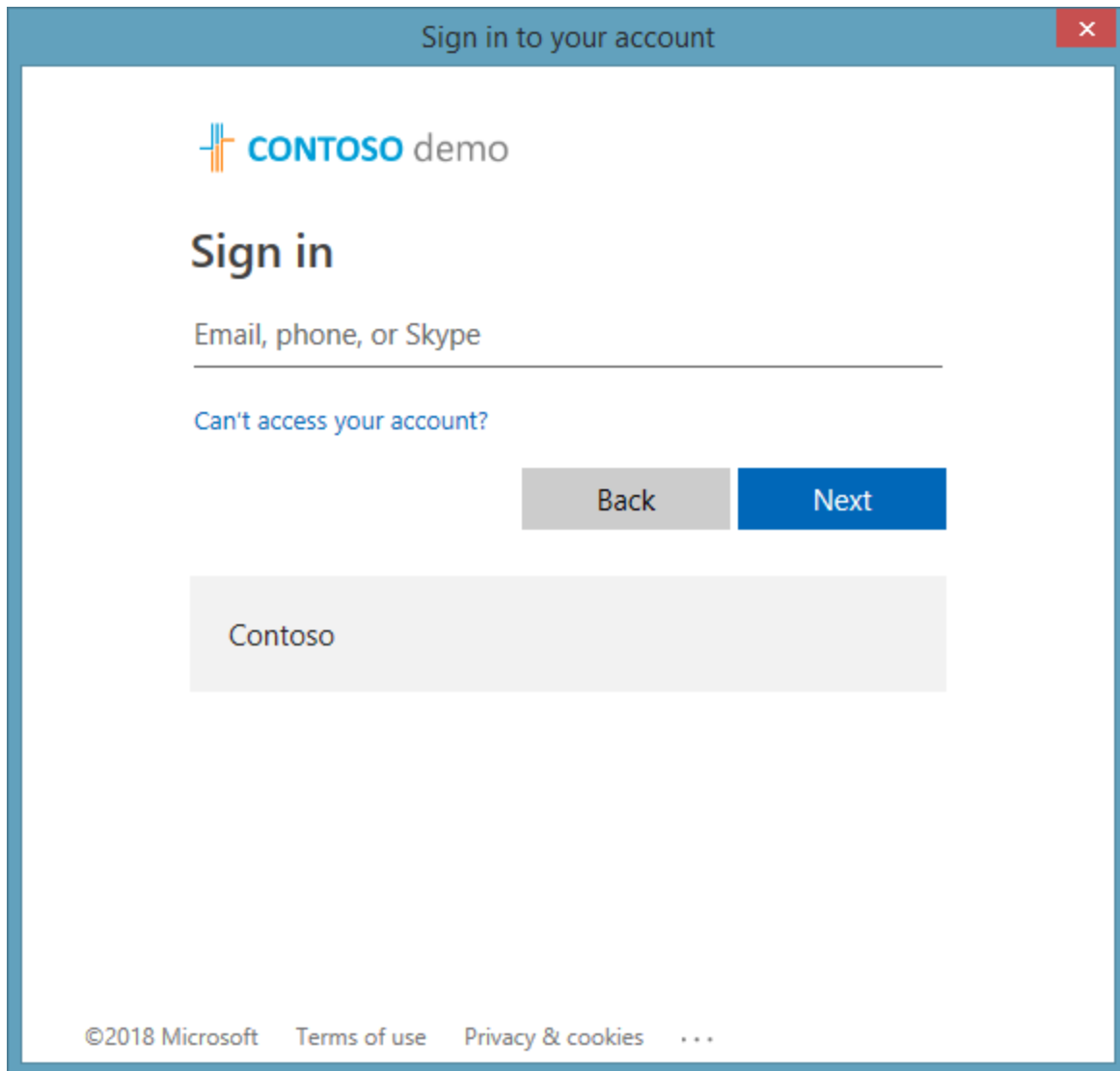


Tenant Settings


Select on Tenant Settings option in the top left menu. The following screen will be updated as shown below.



Click **Add** command to connect to a SharePoint Online / Office 365 tenant. The following dialog will appear as shown below:



Sign in to your account

 CONTOSO demo

Sign in

Email, phone, or Skype

[Can't access your account?](#)

[Back](#) [Next](#)

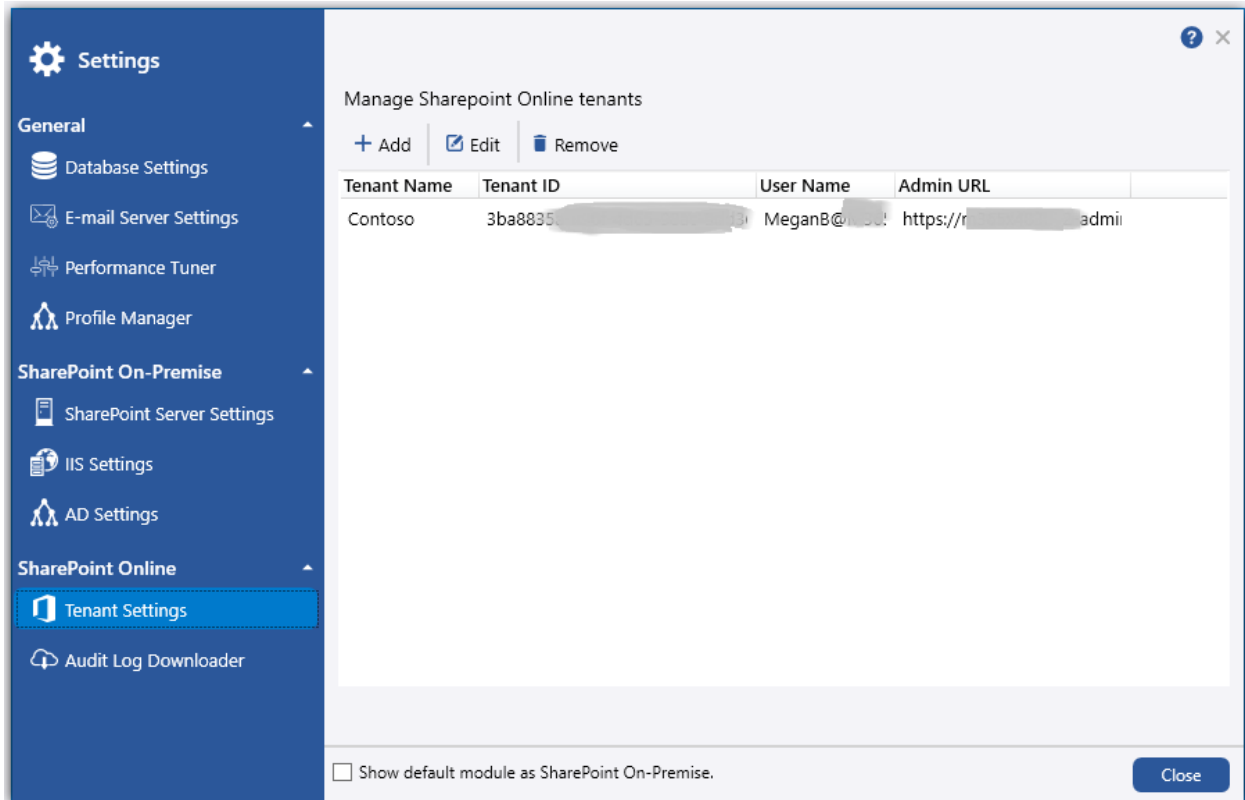
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Connect to the Office 365 tenant using Global Admin user account or any admin user account which has the following roles:

- **Application admin** - to register Vyapin SharePoint Management Suite (VSMS) in the specified Office 365 tenant.
- **SharePoint admin** - to access SharePoint Online information from the specified Office 365 tenant.

Now you have configured your Tenant Settings and now it looks like below.

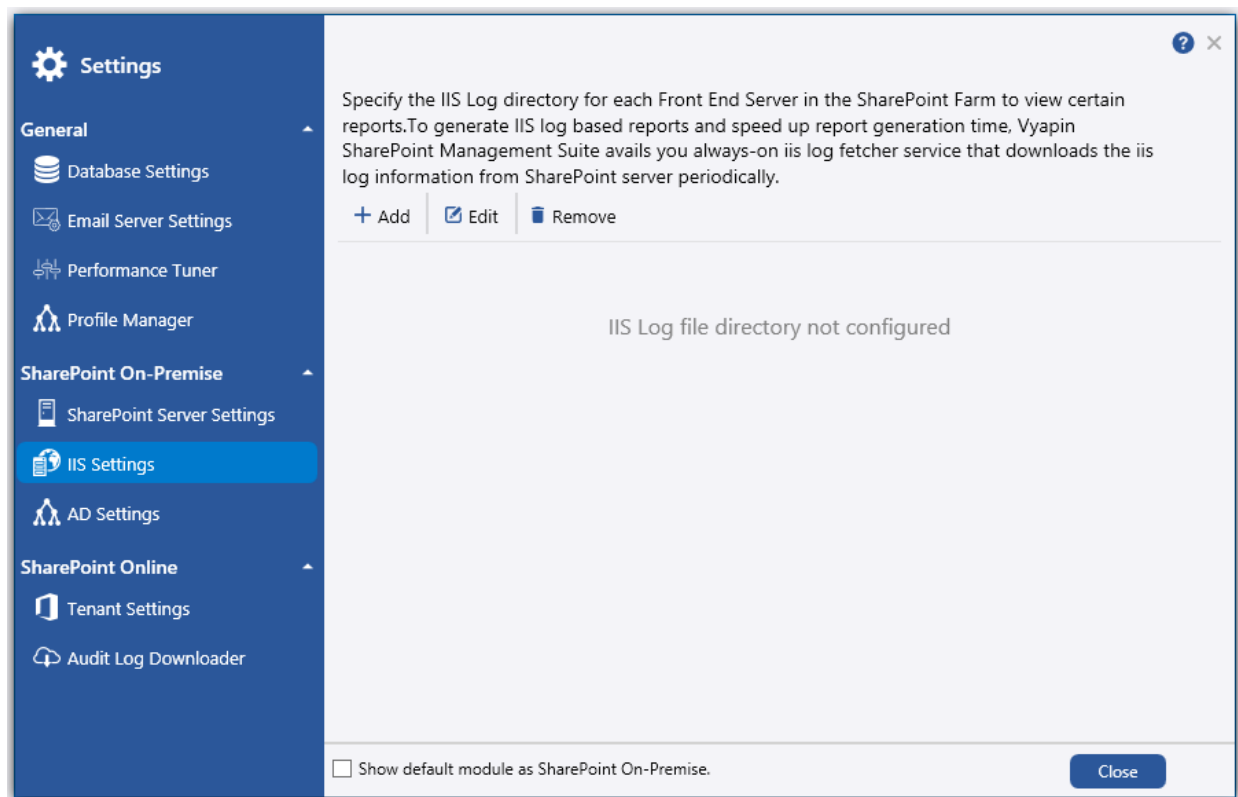


IIS Log Settings

Vyapin SharePoint Management Suite requires IIS Log Files Directory to be configured to generate reports such as List Visits, Page Visits, Page Hits, etc.,

Configuration:

Select on IIS Settings option in the top left menu. The following screen will be updated as shown below.



Click on the "ADD". The following screen will be updated as shown below.

Settings

General

- Database Settings
- Email Server Settings
- Performance Tuner
- Profile Manager

SharePoint On-Premise

- SharePoint Server Settings
- IIS Settings**
- AD Settings

SharePoint Online

- Tenant Settings
- Audit Log Downloader

Specify the IIS Log directory for each Front End Server in the SharePoint Farm to view certain reports. To generate IIS log based reports and speed up report generation time, Vyapin SharePoint Management Suite avails you always-on iis log fetcher service that downloads the iis log information from SharePoint server periodically.

+ Add Edit Remove

Front End Server:

IIS Log Path: ...
ex: \\servername\c\$\inetpub\logs\LogFiles

Username:

Password:

Frequency:

Save Cancel

☐ Show default module as SharePoint On-Premise. Close

1) Enter a front-end web server name.

2) Then enter the IIS Log Path for the specified front end server. Use UNC format (e.g., [\\contososerver\c\\$\inetpub\logs\LogFiles](#)).

3) Enter correct Username and Password. Then

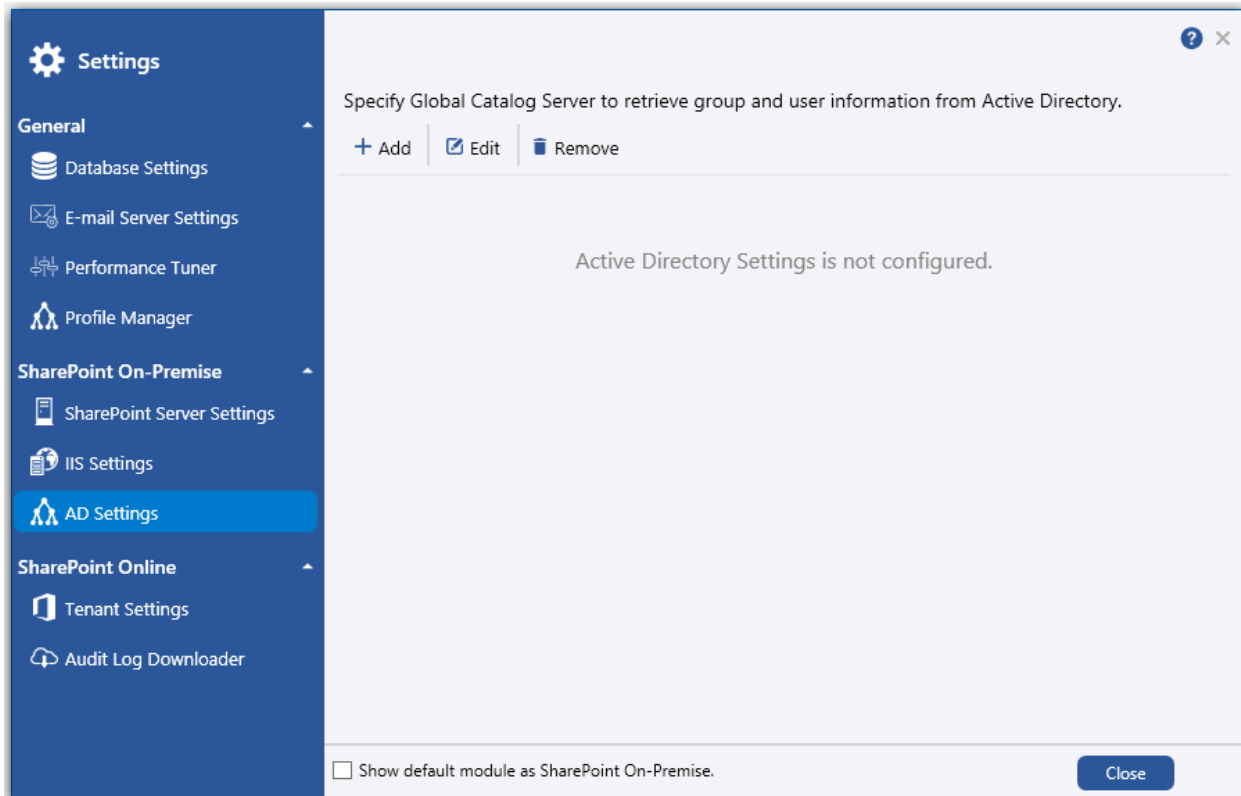
Click Save button to add the server and log directory.

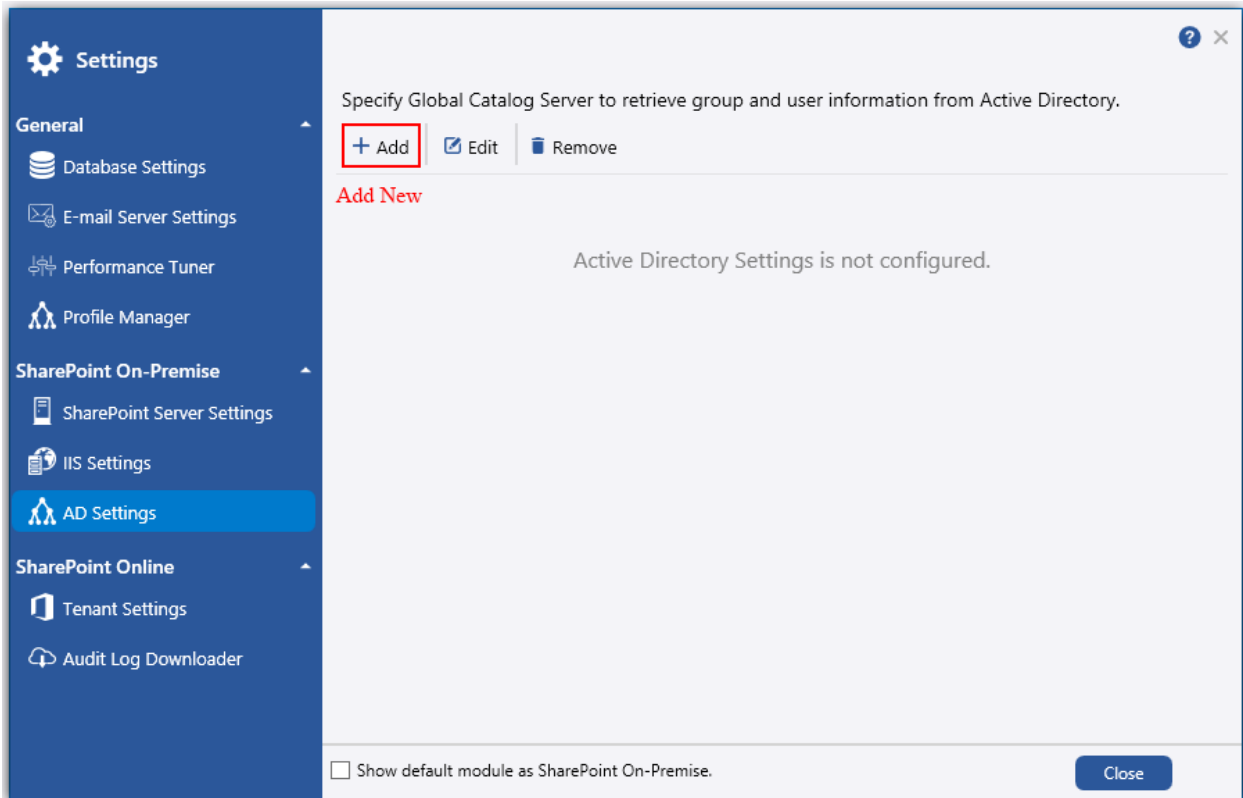
Directory Server Settings

Vyapin SharePoint Management Suite uses Directory Server to retrieve Active Directory information like group membership and user information for certain reports. Vyapin SharePoint Management Suite expects a Global Catalog Server as input to Directory Server and a user credential to connect to the directory server. Vyapin SharePoint Management Suite will connect based on authentication mode and user credential to the specified Directory Server to retrieve AD information.

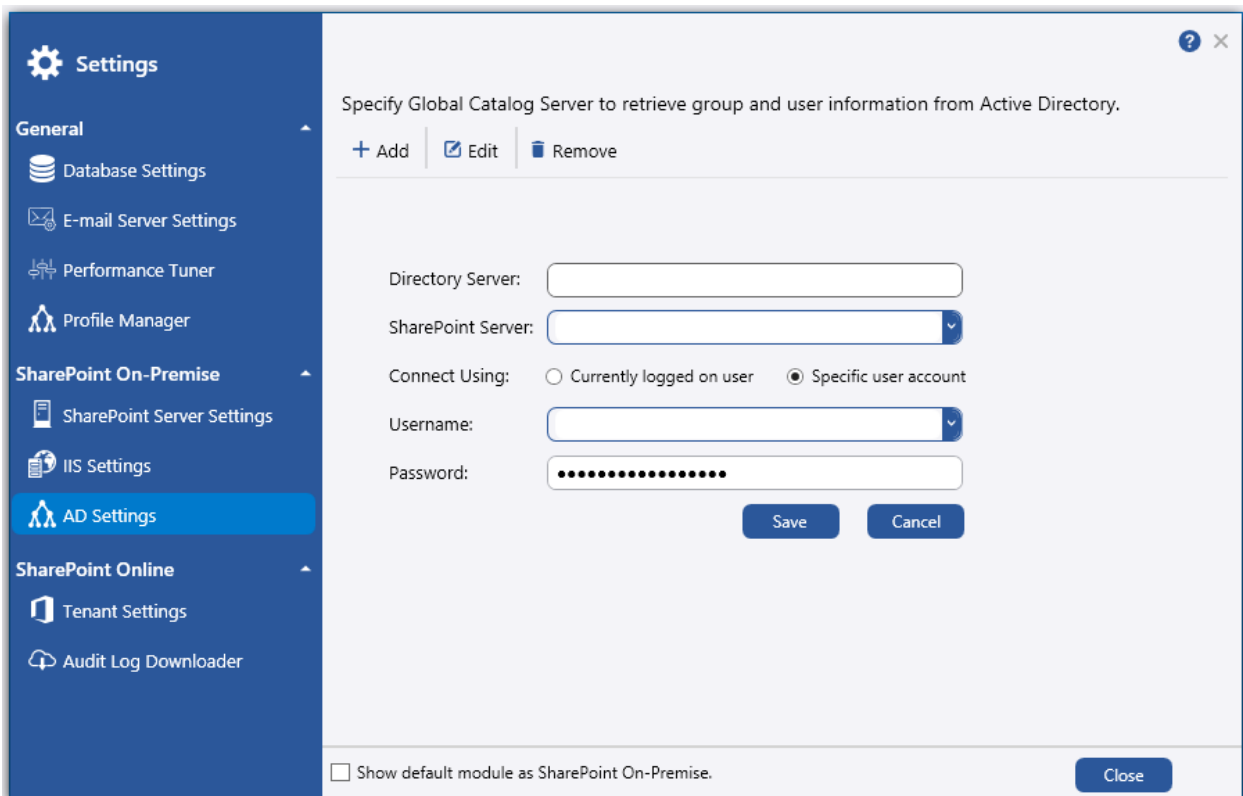
Configuration:

Once you have configured your SharePoint Farm, select AD Settings option from the left menu. The screen will be updated as shown below.





Click “Add” option, screen is displayed as below.



To connect to Directory Server, Vyapin SharePoint Management Suite uses the relevant user accounts based on the connect option as listed below:

Currently logged on user:

In this method, Vyapin SharePoint Management Suite uses the currently logged on user account to connect to the Directory Server to retrieve AD information while generating the reports.

Specific user account:

In this method, Vyapin SharePoint Management Suite uses the specified user account and password to retrieve AD information while generating the reports. Vyapin SharePoint Management Suite stores the user name and password as a user profile in 'Stored User Names and Passwords' applet for its usage.

Note: Vyapin SharePoint Management Suite expects the user account to have sufficient privileges to connect to the Active Directory Global Catalog Server, bind to the relevant AD group / user object to retrieve its detailed information from Active Directory.

Email Settings

Vyapin SharePoint Management Suite provides the option to e-mail the generated reports. For e-mailing reports, Vyapin SharePoint Management Suite requires SMTP Server, From E-mail Address, To E-mail Addresses (recipients separated by semicolon). Vyapin SharePoint Management Suite maintains a single SMTP Server and a From E-mail Address for use. You can specify a separate set of To e-mail addresses (recipients), subject and body of the message for each report e-mail.

You can set SMTP Server and From Address by clicking E-mail Server Settings left side pane:

E-mail settings options will be shown as below:

The screenshot shows a web application window titled "Settings". The left sidebar contains the following menu items: "Settings" (with a gear icon), "General", "Database Settings", "E-mail Server Settings" (highlighted in blue), "Performance Tuner", "Profile Manager", "SharePoint On-Premise", "SharePoint Server Settings", "IIS Settings", "AD Settings", "SharePoint Online", "Tenant Settings", and "Audit Log Downloader". The main content area has a header that says "Specify SMTP Server detail to send mails to various users in the organisation." Below this header are two text input fields: "SMTP Server:" and "From Address:". A blue "Save" button is positioned to the right of the "From Address:" field. At the bottom of the window, there is a checkbox labeled "Show default module as SharePoint On-Premise." and a blue "Close" button.

In that you can specify the “SMTP Server” and default “From Address” and click **Save** button.

You have configured Vyapin SharePoint Management Suite Application in your computer successfully and you are ready to use the product.

Please refer to help documentation or click the Help option on the top of the application to launch the help section.

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