

## Barracuda PST Enterprise v5.1 Pre-Installation Package

<https://campus.barracuda.com/doc/42042291/>

This article refers to the Barracuda PST Enterprise version 5.1, and .Net Framework 4.5 or higher.

Verify your server meets the [hardware and software requirements](#) before installing PST Enterprise Pre-Installation Package.

### Pre-Installation

Run the pre-installation package **PSTEnterprisePreInstall.exe** on the server designated to host the PST Enterprise website. This process creates the PST Enterprise Admin user account, security group for PST Enterprise administrators and, if required, installs the database engine (SQL Express 2008 R2 instance). Note that you may be alerted to any prerequisites that are not installed.

During the installation process, you are prompted to provide the security group name and credentials for an account. Because the account and group may need to be created during the installation process, and because Exchange system permissions may need adjustment, you must log in as a domain user and have admin rights on these systems to complete the PST Enterprise Pre-Installation.

Download the [Barracuda PST Enterprise Pre-Installation Package](#) to your server, and follow the onscreen instructions.

Note that if you do not specify an AD Account or AD Group, Barracuda PST Enterprise creates them.

The PST Enterprise pre-installation process creates objects and grants appropriate permissions to allow smooth running of PST Enterprise, including:

#### Active Directory Account

- If you do not specify an Active Directory (AD) account to act as the PST Enterprise service account, PST Enterprise creates one during pre-installation.
- Account is granted owner rights on the PSTEnterprise database so that all required database tables are generated when the website starts up; there is no need to manually create tables.

- Account is granted owner rights on all mailboxes in the Microsoft Exchange organization using the **Pre-Installation PowerShell Command** below.
- Owner rights on all mailboxes allows the account to log in to any mailbox associated with an uncoupled PST when a PST Processor installation searches for uncoupled PSTs using the AD account.
- During the pre-installation process, the AD account is granted rights over all Exchange mailboxes, using the **Pre-Installation PowerShell Command** below.

### AD Pre-Installation PowerShell Command

During the pre-installation process, the AD Account is granted owner rights over all Microsoft Exchange mailboxes using the following PowerShell command:

```
Add-ADPermission -Identity "MyExchangeOrganization" -User  
PSTEnterpriseAdmin -AccessRights  
ReadProperty,GenericExecute,ExtendedRight -ExtendedRights  
Receive-As,ms-Exch-Store-Visible,ms-Exch-Store-Admin  
-InheritanceType All
```

Where MyExchangeOrganization is the name of the Exchange Organization and PSTEnterpriseAdmin is the name of the AD Account.

### AD Group

- If you do not specify an AD group, PST Enterprise creates one during pre-installation.
- Users must be members of the AD group to log in to the PST Enterprise administrative website.

### SQL Database Connection

- If you do not specify database connection details, SQL Express is installed and used by default.

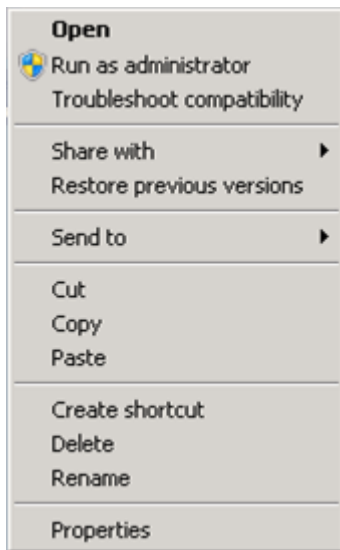
### IIS Application Pool

- IIS Application Pool used to run the PST Enterprise website uses the Integrated Pipeline mode.
- IIS Application Pool process model identity is set to the specified AD account.

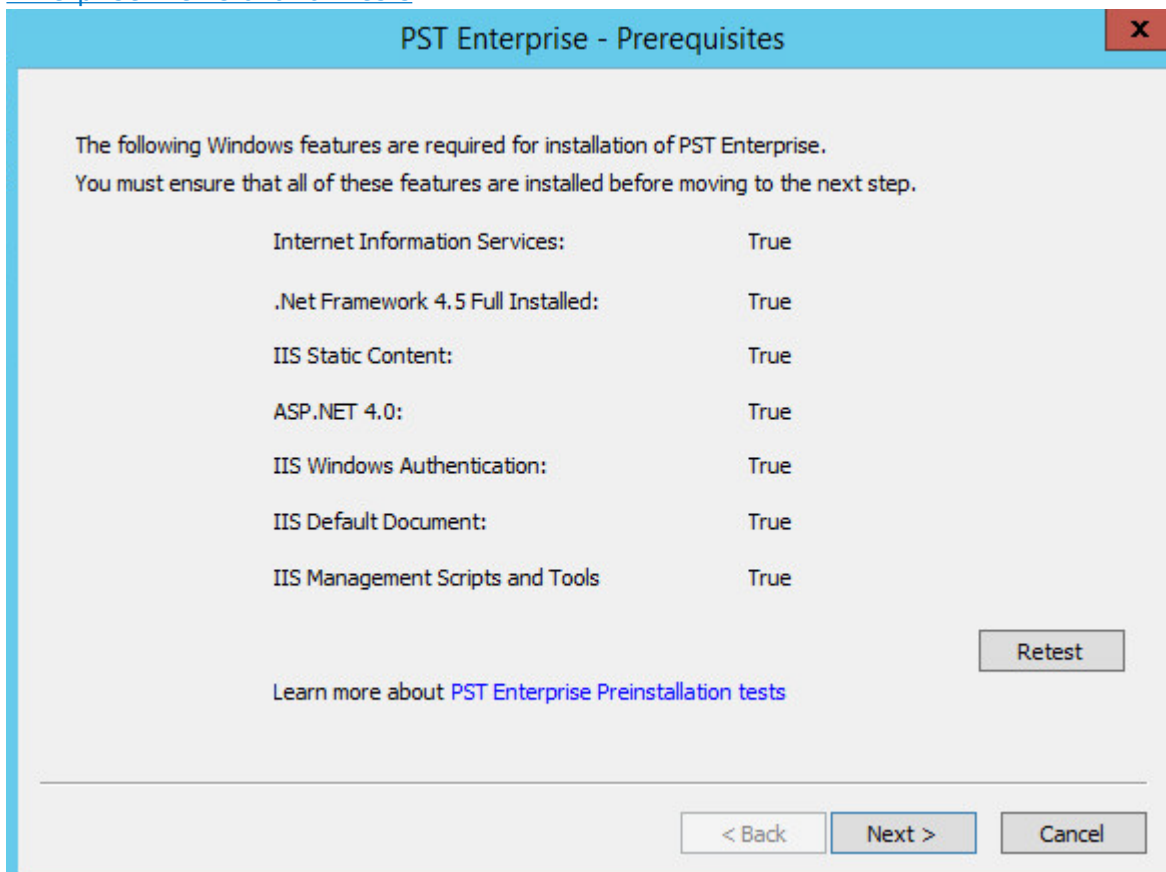
## Run the Pre-Installation Package

Use the following steps to run the pre-installation package:

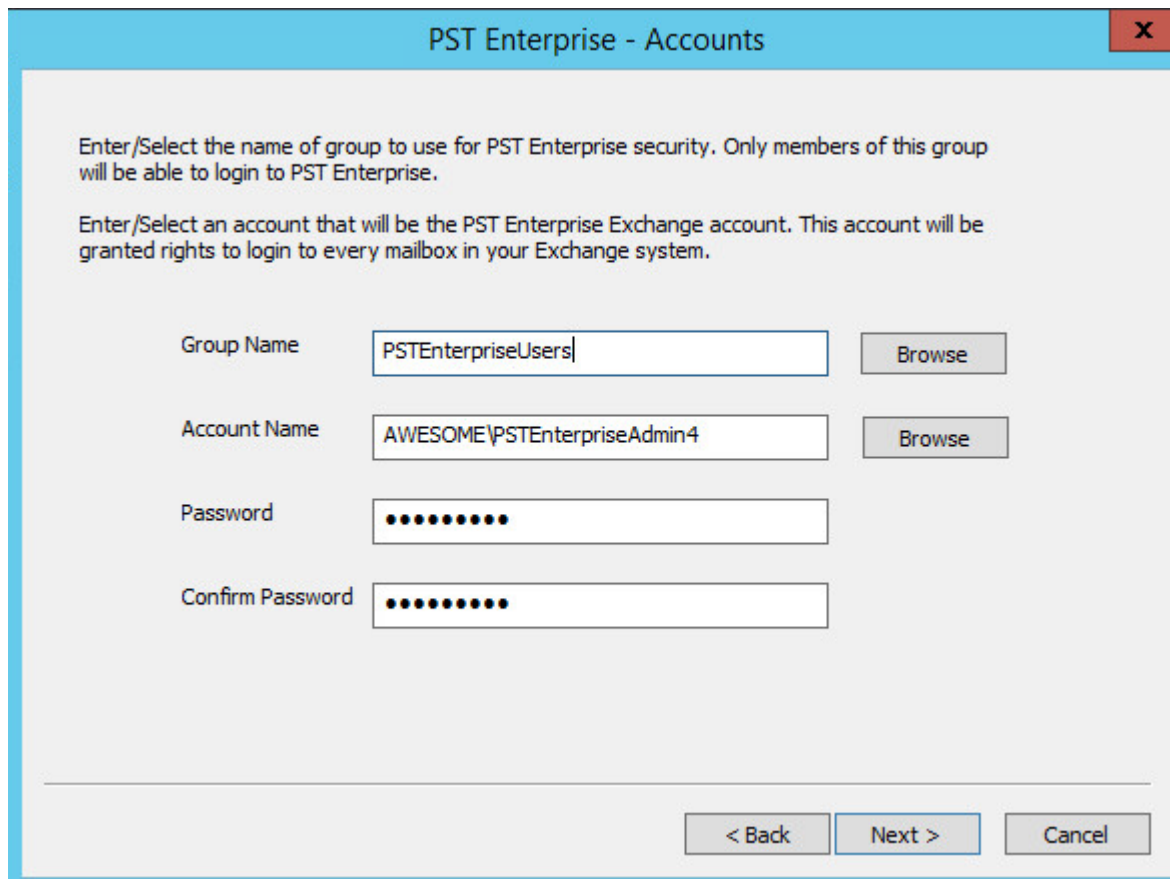
1. Right-click **PSTEnterprisePreInstall.exe**, and click **Run as administrator**:



2. The Wizard launches. In the **Prerequisites** page, verify the prerequisites are met; all tests must pass as **True**; correct any failures before proceeding using the [Learn more about PST Enterprise Preinstallation tests](#) link:



3. Click **Next**. In the **Accounts** page. By default, the **Group Name** is **PSTEnterpriseUsers**. If you created a security group, click **Browse** to navigate to and select the group from your Active Directory (AD), otherwise you can leave the default value or enter a new name to represent the PST Enterprise users security group.



PST Enterprise - Accounts

Enter/Select the name of group to use for PST Enterprise security. Only members of this group will be able to login to PST Enterprise.

Enter/Select an account that will be the PST Enterprise Exchange account. This account will be granted rights to login to every mailbox in your Exchange system.

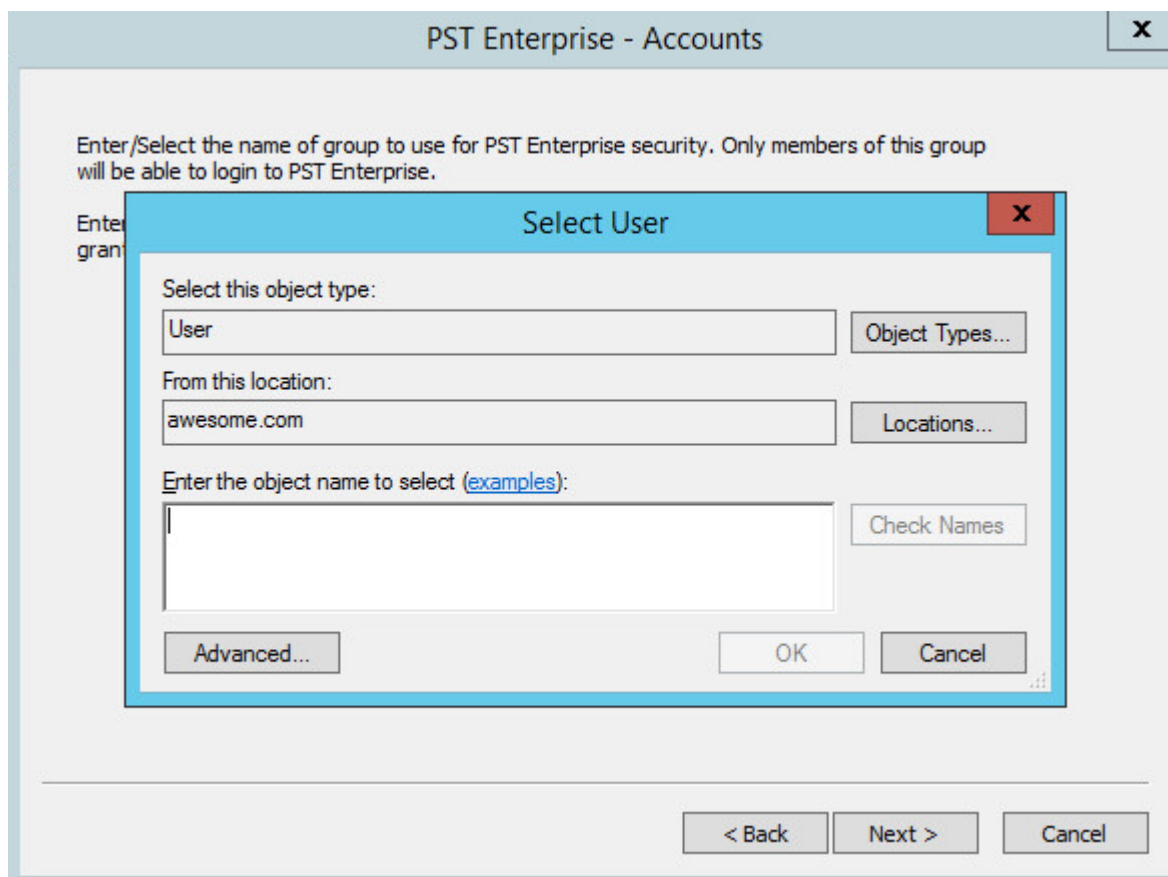
Group Name

Account Name

Password

Confirm Password

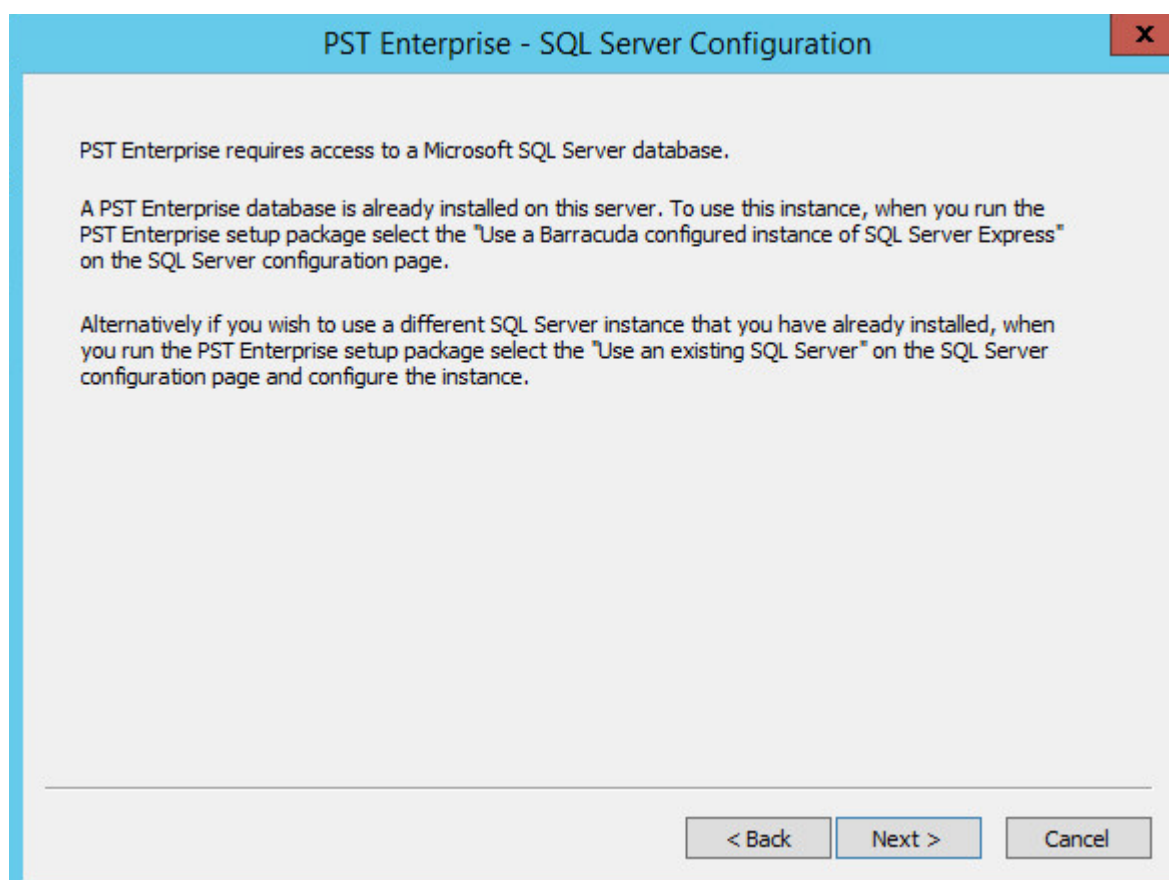
4. By default, the **Account Name** is **PSTEnterpriseAdmin**. If you created an account, click **Browse** to navigate to and select the account from your AD:



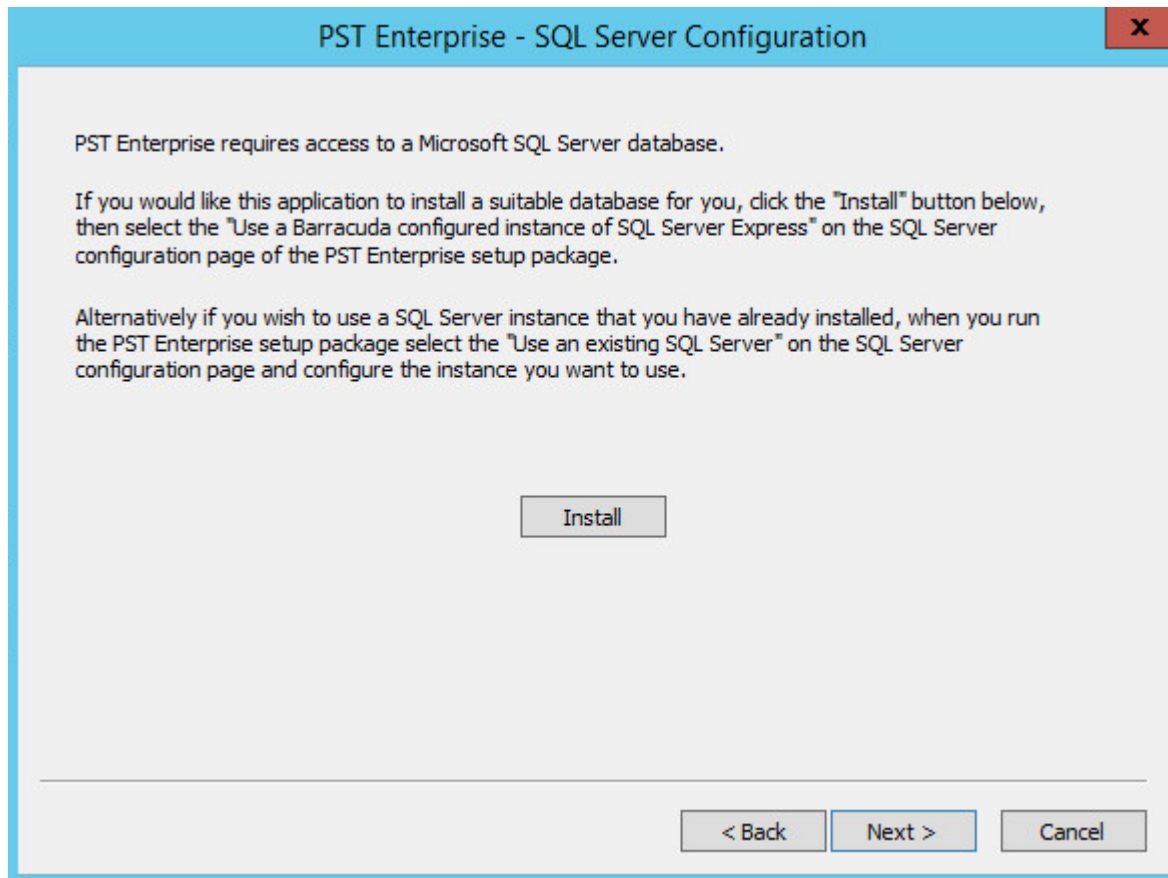
The screenshot shows the 'PST Enterprise - Accounts' window. The main window has a title bar with a close button (X). Inside, there is a text instruction: 'Enter/Select the name of group to use for PST Enterprise security. Only members of this group will be able to login to PST Enterprise.' Below this, there is a partially visible 'Enter grant' label. A 'Select User' sub-dialog is open in the center. This sub-dialog has a title bar with a close button (X). It contains the following fields and buttons: 'Select this object type:' with a dropdown menu showing 'User' and an 'Object Types...' button; 'From this location:' with a text field containing 'awesome.com' and a 'Locations...' button; 'Enter the object name to select (examples):' with a large text input field and a 'Check Names' button; and an 'Advanced...' button at the bottom left. At the bottom right of the sub-dialog are 'OK' and 'Cancel' buttons. At the bottom of the main window are '< Back', 'Next >', and 'Cancel' buttons.

Otherwise you can leave the default value or enter a new name to represent the PST Enterprise Exchange account.

5. Click **Next**. In the **SQL Server Configuration** page, If an existing SQL Server instance is detected on the local server, the pre-install is complete; click **Next** and then **Finish**:

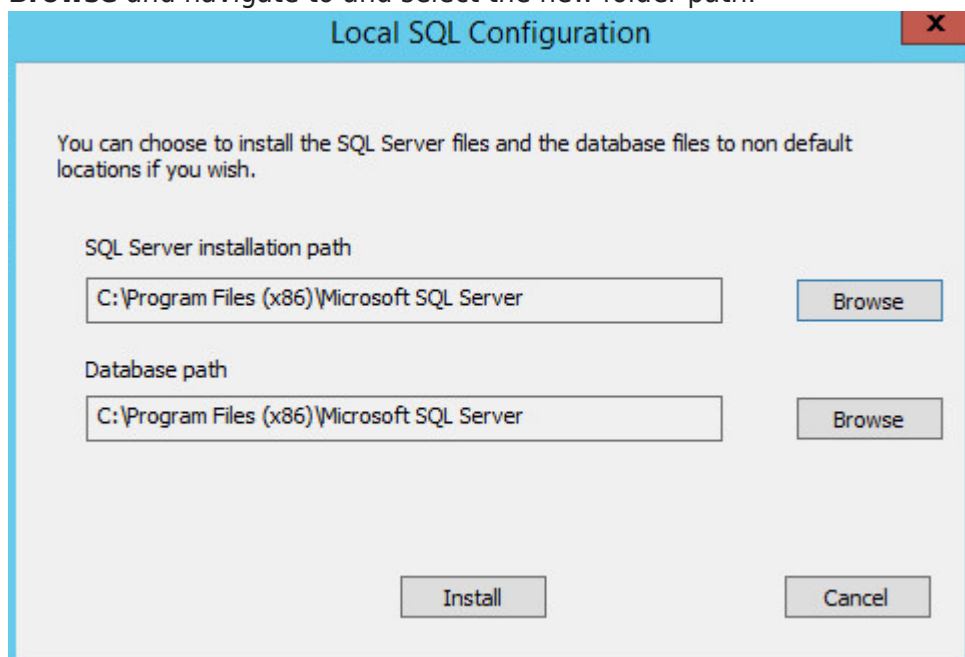


6. If no local SQL Server instance is detected, you are prompted to install SQL Server. To install SQL Express 2008 R2 on the local server, click **Install**:

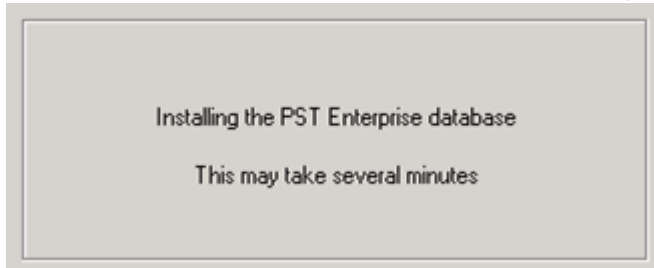


If you plan to use a SQL Server on a remote server, it is not necessary to install it locally; simply click **Next**. The remote server configuration is completed during the main PST Enterprise Installation.

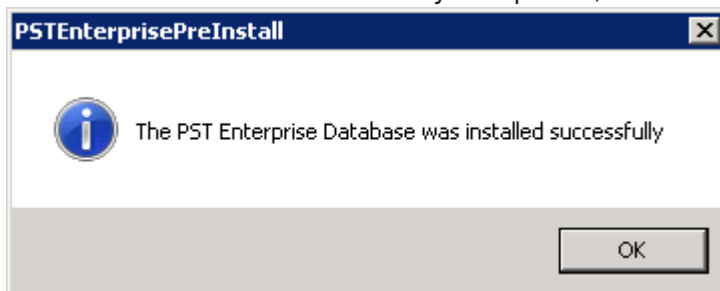
7. Click **Install**. In the **Local SQL Configuration** page, by default the SQL Server installation path is set to **C:\Program Files (x86)\Microsoft SQL Server**. To change the folder path, click **Browse** and navigate to and select the new folder path:



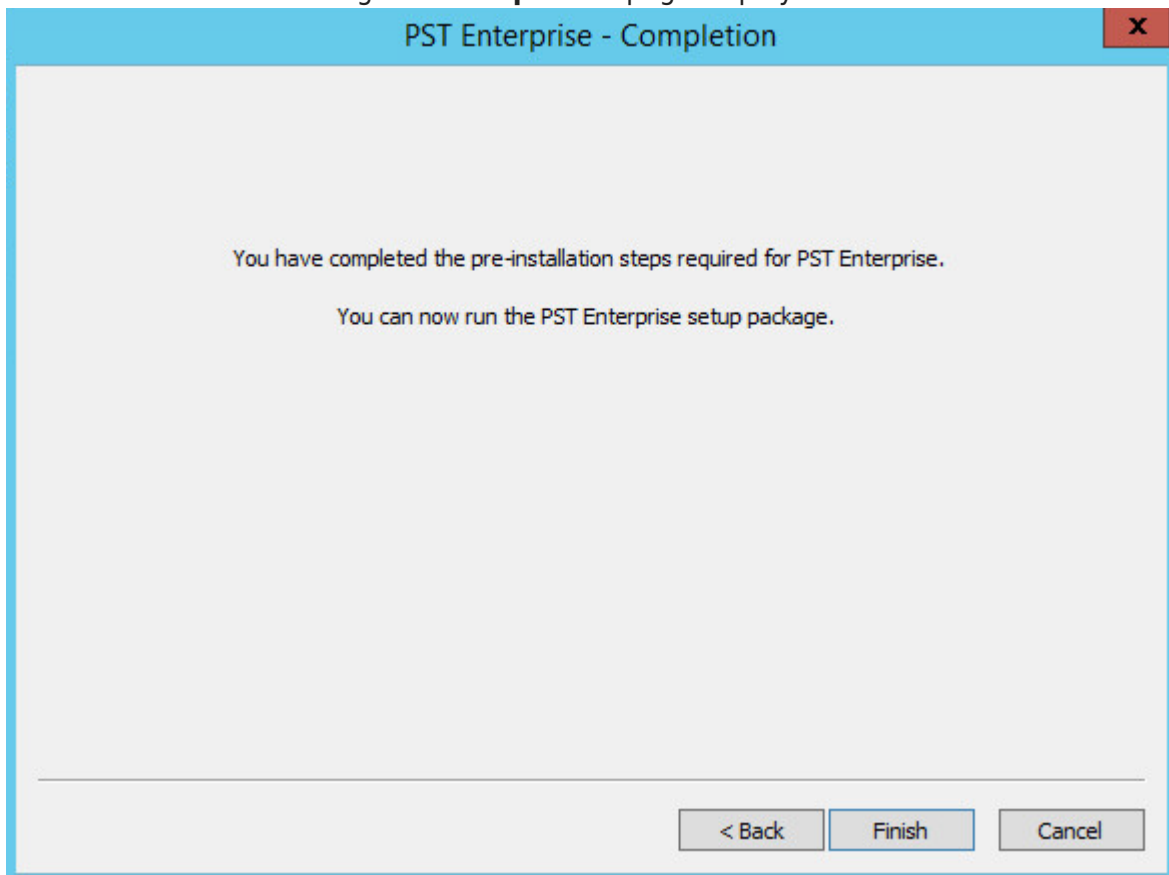
8. Click **Install**. Allow the SQL installation to complete; this may take several minutes to complete:



9. Once the installation successfully completes, the confirmation dialog displays:



10. Click **OK** to close the dialog. The **Completion** page displays:



11. Click **Finish**.

## Deployments with Office 365

Once you have created the PST Enterprise Admin user account in local AD you should ensure



this has synchronised to Office 365 before proceeding.

If you have multiple domain suffixes, you should ensure that the domain suffix for the user account created in local AD is set to the same domain suffix which has been registered with O365. From the O365 administration portal, you can confirm that the account is listed with the correct domain suffix - not one containing '*onmicrosoft.com*'. From local AD, you can confirm the account's 'User logon name' property is against the correct domain suffix (for example, '*PSTEnterpriseAdmin@barracuda.com*', not '*PSTEnterpriseAdmin@barracuda.local*')

## Figures

1. PreInstall01.png
2. Preinstall1.PNG
3. Preinstall2.PNG
4. Preinstall3.PNG
5. Preinstall4.PNG
6. Preinstall5.PNG
7. Preinstall6.PNG
8. PreInstall08.png
9. PreInstall09.png
10. Preinstall8.PNG

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.