

Vembu BDR Server Installation Guide - Windows

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Vembu BDR Server is currently supported for below versions of windows machines (Please make sure that you are using any one of the below versions).

Supported Windows OS	<ul style="list-style-type: none"> • Windows Server 2019 (Standard, Datacenter) • Windows Server 2016 (Essentials, Standard, Datacenter) • Windows Server 2016 Core (Standard) • Windows Server 2012 R2 (Foundation, Essentials, Standard, Datacenter) • Windows Server 2012 R2 Core (Standard) • Windows Server 2012 R2 Hyper-V Server • Windows Server 2012 (Foundation, Essentials, Standard, Datacenter) • Windows Server 2012 Core (Standard) • Windows MultiPoint Server 2012 • Windows Server 2008 R2 (Standard, Enterprise, Datacenter) Windows Server 2008 R2 Core (Standard) • Windows 10 (Pro, Enterprise, Enterprise LTSB)
Architecture	64 bit only
Memory	Minimum: 8 GB Recommended: 16 GB
CPU	Minimum: 4 cores or 4 vCPUs Recommended: 8 cores or 8 vCPUs
Network Card	1 Gbps & above
Browsers	Internet Explorer 11 & above Mozilla Firefox 53 & above Google Chrome 68 & above

Note: The minimum requirement of 8 GB RAM and Quad-Core processor is only for the

evaluation purpose. For production deployment, it is recommended to install Vembu BDR Backup Server in a machine with 16 GB RAM and Octa-Core processor for optimum performance.

For more details on system requirements and supported platforms, please refer to the following link

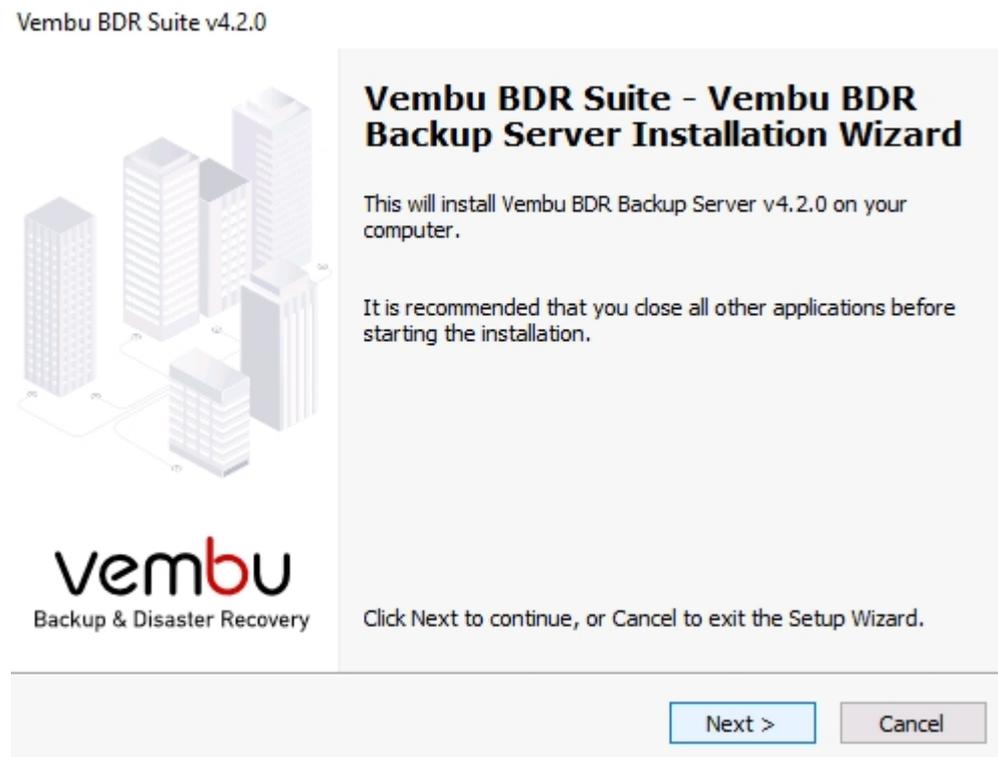
<https://www.vembu.com/pdf/datasheet/system-requirements-datasheet.pdf>

Installation steps

[Click here](#) to download the latest version of the Vembu BDR Backup Server.

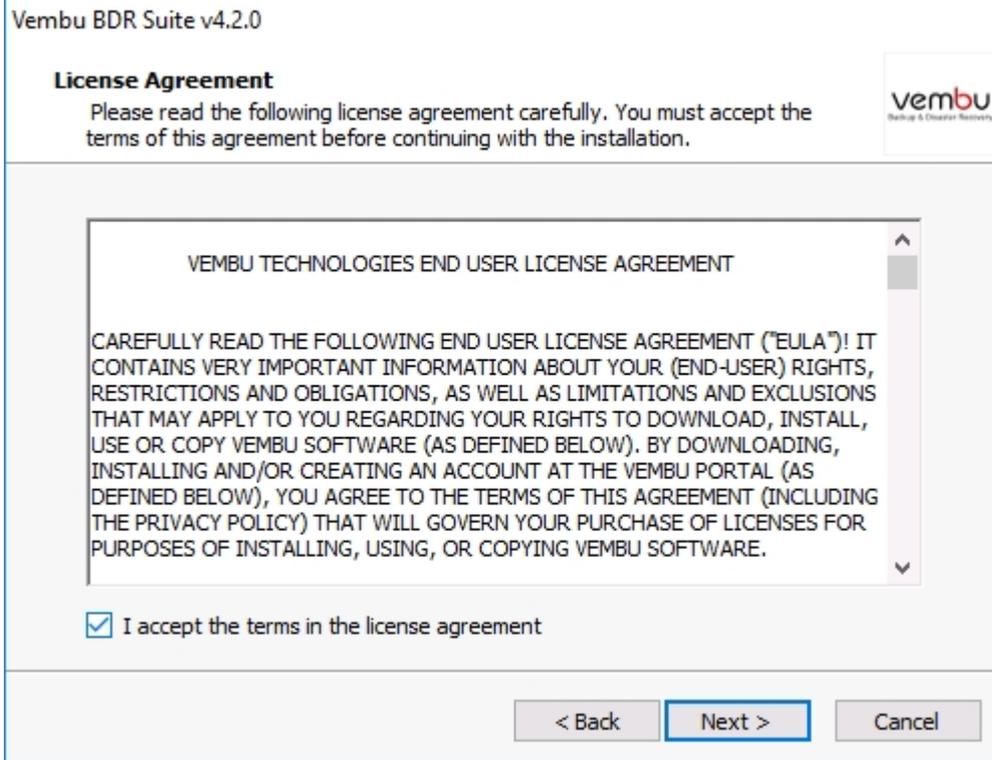
Step 1: Getting started with the installation

Open the folder where you have downloaded the Vembu BDR Backup Server setup and run the installer with administrator privileges. It will open the welcome page of the setup wizard, you can begin the installation process by clicking **Next**.



Step 2: License Agreement

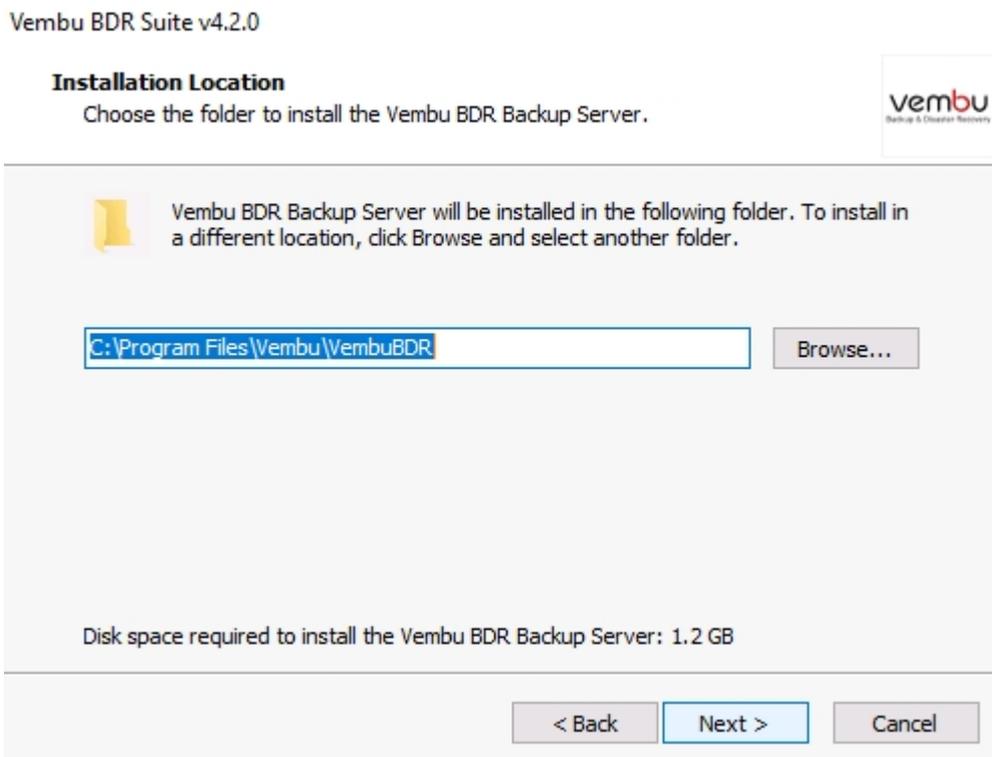
'End User License Agreement' is the next step in the installation process. Please read the license agreement carefully as it contains important information about your Rights, Restrictions, Obligations, Limitations, and Exclusions. You must accept the terms in the agreement before continuing with the installation. Select "I accept the terms in the license agreement" and click **Next**.



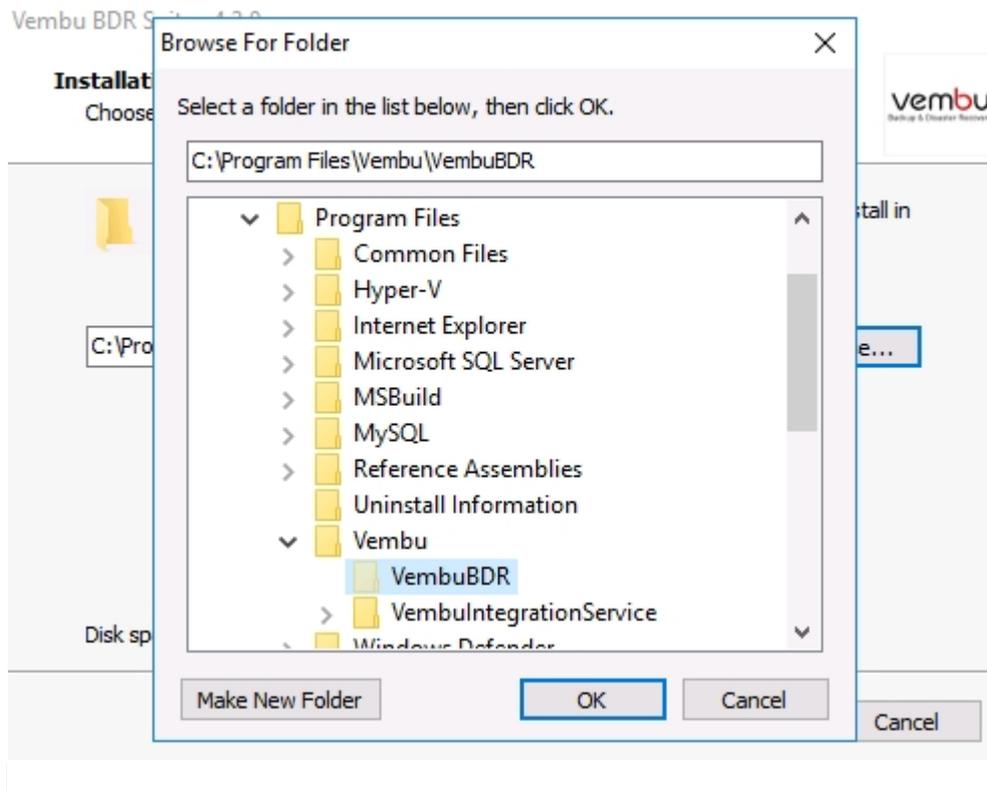
Step 3: Installation Directory Customization

The next step in the installation is to specify the folder to install the Vembu BDR Backup Server. The installation folder consists of the necessary files to run the application. Make sure you have at least 1.2 GB of free disk space in the installation location.

Note: The default installation folder is C:\Program Files\Vembu\VembuBDR



You can leave it to default or click **Browse** to choose a different folder. You can also create a new folder by clicking on the **Make New Folder** option and provide a name for the folder. Click **Ok** to complete the folder creation and click **Next** to continue with the installation.



Note: Make sure you have 1.2 GB of free space for installing BDR Backup Server.

Step 4: Database Storage Location

Vembu BDR Backup Server is using PostgreSQL as the backup database. You need to select the drive to store the database files. By default, it chooses a drive that contains maximum space. However, you can select any one of the available drives as per your requirement.

The database will grow as the backup data grows, so make sure to choose a drive that has a free space of at least 3% of the total size of the backup data. It is not recommended to choose OS drive as the database storage location

Vembu BDR Suite v4.2.0

Database Storage Location

Choose the drive to store the PostgreSQL database.



	Total Size	Free Size
Select Drive : <input type="text" value="D:\"/>	<input type="text" value="976 GB"/>	<input type="text" value="976 GB"/>

The size of this storage should be at least 3% of the total size of the backup data.

After selecting the database storage location, click **Next** to proceed with the installation process.

Step 5: Backup Server Settings

You can continue the installation with the default settings or you can customize the settings based on your requirement.

The default settings will be displayed on your installation wizard. If there is no change in the displayed settings, Click **Install** to begin the installation with default settings.

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Backup Server Settings

Click Install to install the Vembu BDR Backup Server with the default settings, or click the "Customize Settings" button to change the backup server settings.



Current Settings	
Windows Service Account	: Local System Account
Web Console Username	: admin
Web Console Password	: admin
Web Server Port	: 6060
Backup Port	: 32004
Database Storage Location	: D:\PostgreSQLData

Customize Settings

< Back Install Cancel

If you want to change any of the default backup server settings, click on the **Customize Settings** button to modify the default settings.

You can modify the followings backup server settings

- Windows Service Account - Local system or specific user account
- Backup Server web console Login Configuration - Username and password to login to the web console of Vembu BDR Backup Server
- Backup Server Port Configuration - Backup port, Web Server port, Secure Web Server port, Internal Service Port

Step 6: Customize Settings - Windows Service Account

In the custom settings, the first step is to specify the Windows logon user account under which the Vembu BDR Backup Server service will run. You can select the local system account or a specific user account that has administrator privileges on the computer where Vembu BDR Backup Server is being installed.

You need to provide the username and password if you want to install it on any specific account.

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Windows Service Account

Specify the Windows logon user account to run the Vembu BDR Backup Server service.



Local System Account
 User Account

Enter the username in the 'DOMAIN\USERNAME' format. Make sure the user account has administrator privileges on this computer.

Username:

Password:

Confirm Password:

Note: The user name should be in the DOMAIN\USERNAME format. Make sure the specified user account has enough privileges

Click **Next** to continue to the next step.

Step 7: Customize Settings - BDR Backup Server Login Configuration

You can customize the web console login and network ports in this step. Specify the user credentials such as username and password to login to the web console of Vembu BDR Backup Server. A new user account is created using the given credentials.

The default Username and Password is 'admin'. You can click on the text box and edit as you require.

You can also specify the Web Server port on this page. It is a port used by the Web Server of Vembu BDR Backup Server for the web console. The default port is 6060 and it can be modified. Click on **Advanced Port Configurations** if you want to changes the other network ports

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BDR Backup Server Login Configuration

Specify web console user credentials.



A new user account is created using given credentials. The default Username and Password is 'admin'.

Specify Username:

Enter Password:

Re-enter Password:

Web Server Port: [Advanced Port Configurations](#)

< Back Next > Cancel

Step 8: Customize Settings - Backup Server Port Configuration

Clicking on **Advanced Port Configurations** will open a new window that allows you to configure the other network ports such as Backup port, Internal Service Port and, Secure Web Server port. You can edit and configure these network ports as per your requirements.

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Backup server Port Configuration

Specify the ports for Vembu BDR Backup Server:

Backup port: (?)

Internal Service Port: (?)

Enable HTTPS

Secure Web Server port: (?)

Check Ports Availability OK Cancel

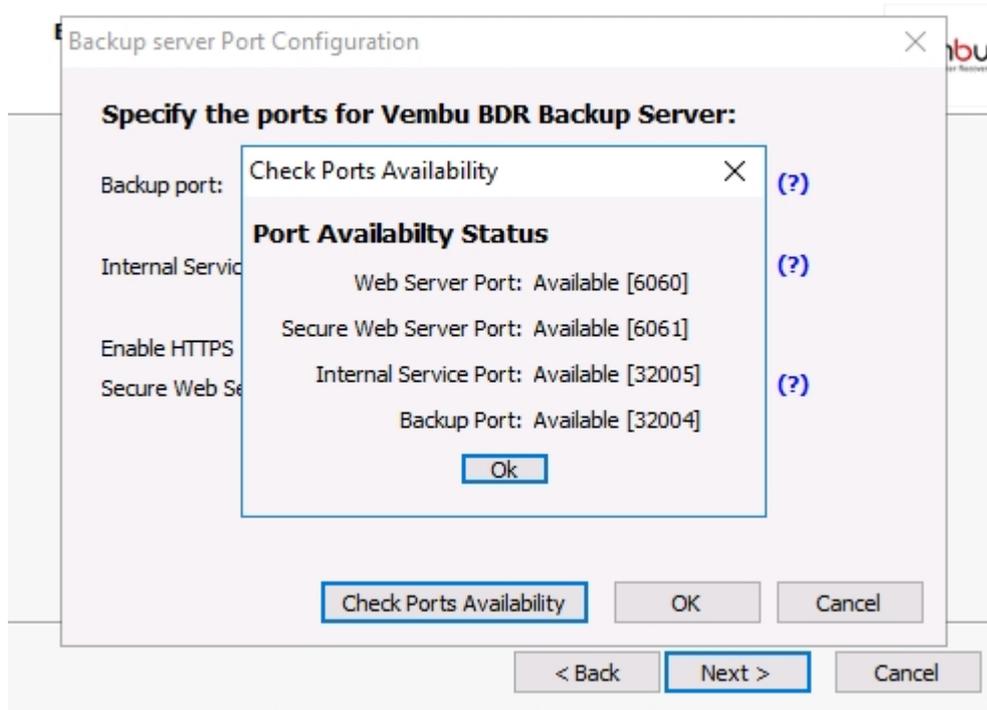
< Back Next > Cancel

Secure WebServer port: The Port used by the Web Server of Vembu BDR Backup Server for secure connections. The default port is 6061.

Backup port: The port used by Vembu BDR Backup Server to transfer the backup data. The default port is 32004.

Internal Service Port: The port used for internal module communications. The default port is 32005.

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After making changes to the port, you can check the availability of the entered ports by clicking on the **Check Ports Availability** button. If entered ports are not available, you can edit the ports and check for the availability again.

Click **Ok** to confirm the port selection and Click **Next** on the Backup Server Port Configuration window to proceed further.

Step 9: Review Settings

Review all the settings you have selected for the installation. If you want to changes any of the backup server settings, you can click **Back** and change it. If there no changes, click **Install** to begin the installation of the Vembu BDR Backup server.

Vembu BDR Suite v4.2.0

Review Settings

Review settings before the installation begins.



Click Install to begin the installation. If you want to review or change any of the settings, click Back. Click Cancel to exit the setup wizard.

Destination Folder:
C:\Program Files\Vembu\VembuBDR

Program Folder:
VembuBDR

Vembu BDR Backup Server will run as a Windows Service.

< Back

Install

Cancel

Step 10: Installing the necessary components

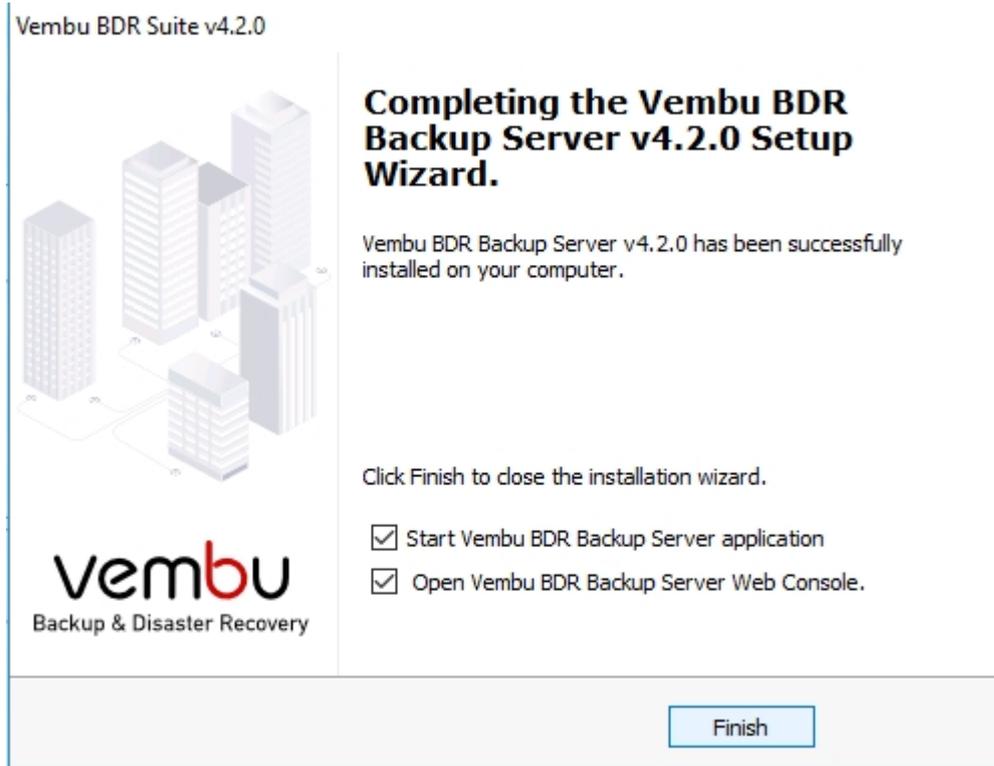
The setup wizard will start to install the Vembu BDR Backup Server v4.2.0 on your computer. The following components are installed in your machine during this installation process;

- PostgreSQL
- ODBC drivers (32-bit and 64-bit)
- Web Server
- Vembu BDR Backup Server

Step 11: Completing Installation

The Vembu BDR Backup Server and its components are successfully installed on your computer. If you would like to start the application immediately or open the web console, you can do it by selecting on the checkboxes given in the setup wizard

After selecting the appropriate option and click **Finish** to complete the installation process



Step 12: Changing the service account(optional)

By default, BDR Server will be installed as a service and runs under local system account. So we recommend to provide administrative privileges via Services.msc:

- Navigate to **services.msc** and right-click over the service "**VembuBDR**" and click **Properties**
- Click **Log On** tab and provide administrator account details
- This will allow BDR Server to run with administrative privileges