

# Veeam

## **Set Up and Configuration for Remote Sites**

### Technical Guide

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## Overview

This document outlines how to set up and configure Veeam Backup and Replication for deployment at remote sites.

**Note:** All backups will be performed both locally and via Wasabi Cloud.

## Prerequisites

Prerequisites
1. Dell T140 server meeting DOC specifications (1)
2. 2 TB hard disc to use for local backup storage (1)
3. Veeam Backup and Replication license (1)
4. VMware Remote Office Branch Office license (1)
5. An AD service account named: svc_<site #>-veeam (Example: svc_246-veeam): <ul style="list-style-type: none"> <li>▪ Should be added to the Organization's Service Accounts OU</li> <li>▪ Needs to be a member of the Builtin Administrators group in AD</li> <li>▪ Set password never expires</li> <li>▪ Set user cannot change password</li> <li>▪ Set a meaningful description for the account</li> </ul>
6. Create a folder to receive the backup copies: <ul style="list-style-type: none"> <li>▪ Create folder on the local DC at D:\VeeamConfigs</li> <li>▪ Share the folder as VeeamConfigs\$ and set the following permissions: <ul style="list-style-type: none"> <li>• Remove: Everyone</li> <li>• Add: Authenticated Users with Full Control</li> </ul> </li> <li>▪ Disable folder inheritance and set the following NTFS permissions on the share: <ul style="list-style-type: none"> <li>• Add: DOC\svc_&lt;site #&gt;-veeam with Modify permission</li> <li>• Remove: DOC\Users</li> </ul> </li> </ul>

## Veeam Installation and Configuration

Install the latest version of Veeam Backup and Replication software on the <site code>-UTY01 server to be deployed at each location and accept the defaults.

### Licensing

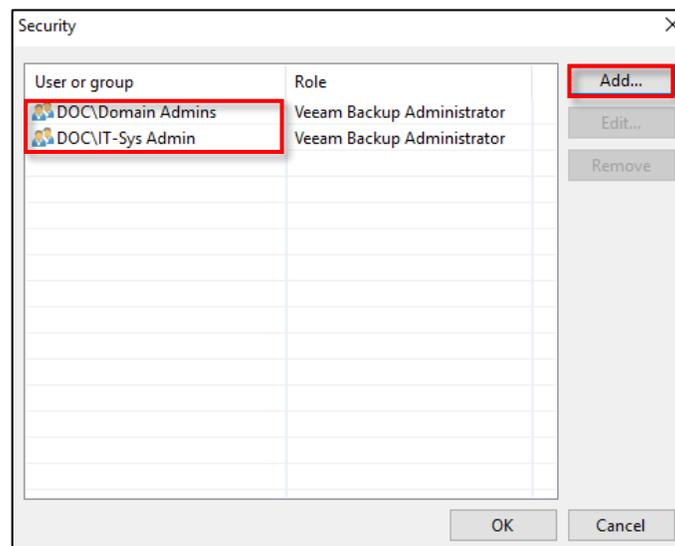
- To install the Veeam license, click the **Menu** icon , then click **License**.

### Configure Email Notifications

1. Click the **Menu** icon , select **General Options**, then select **Email Settings** to configure email notifications.
2. On the **Email Settings** tab, set the following:
  - Check the box to enable e-mail notifications
  - SMTP server: <Local Domain Controller IP>
  - From: svc\_<site #>-veeam@abc.org
  - To: adoe@abc.org; bdoe@abc.org; cdoe@abc.org; ddoe@abc.org
  - Uncheck **Notify on warning**
3. Click the **Test Message** button to send a test email and validate email delivery status.

### Security

1. On the **Veeam Console**, click the **Menu**  and select **Users and Roles**.
2. In the **Security** dialog box, add the following:
  - DOC\Domain Admins with role Veeam Backup Administrator
  - DOC\IT-Sys Admin with role Veeam Backup Administrator
3. Remove the following:
  - Administrators group



## Backup Infrastructure

### Backup Repositories

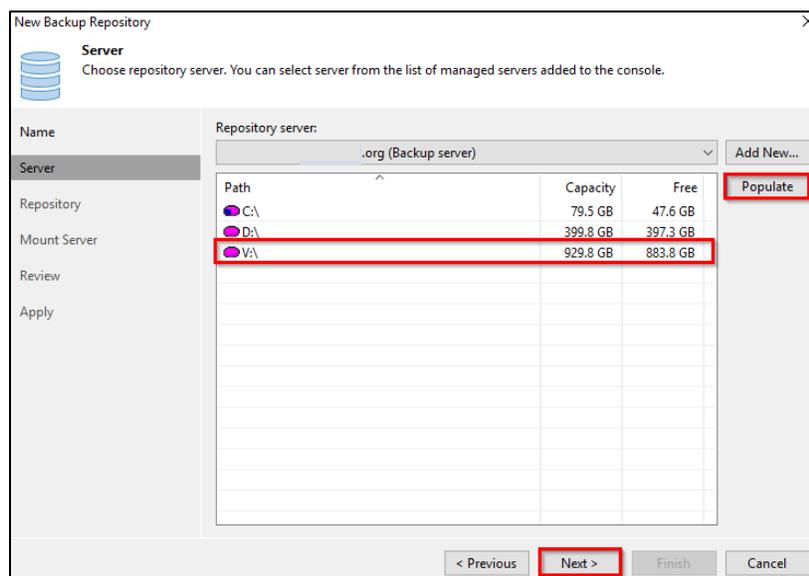
The DOC backup solution features backing up to both a local source and in the cloud. Due to the nature of how Veeam connects to the Wasabi Cloud, three (3) backup repositories should be created:

1. Local Repository
2. Wasabi Cloud Repository
3. Scale-Out Repository

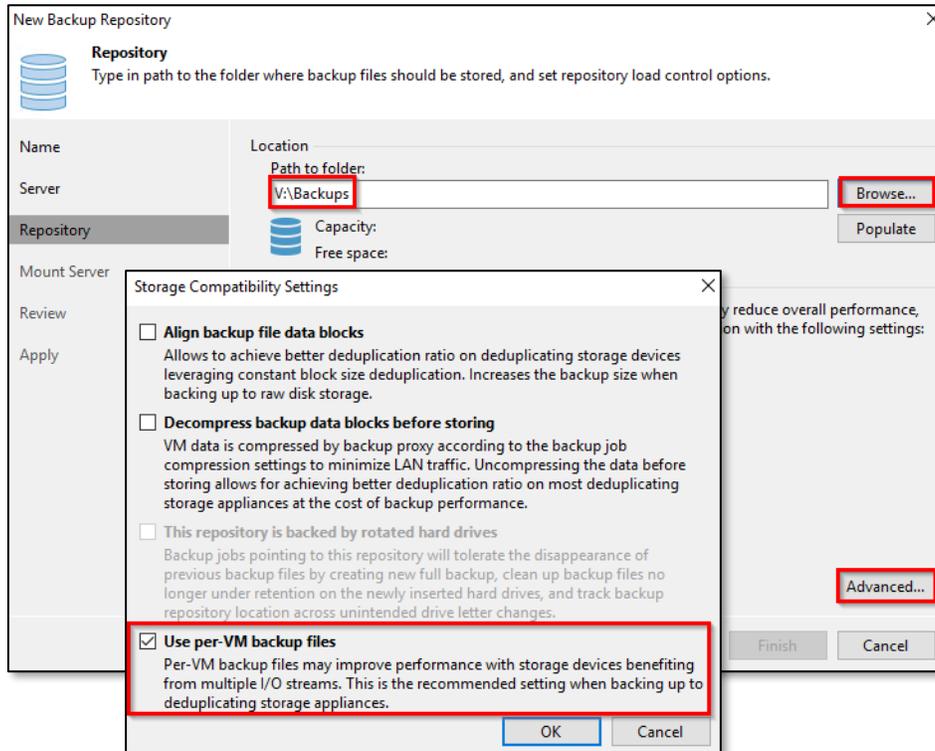
### Local Repository

**Important Note:** The local repository will be the SATA hard disk installed onto the ESXi host. It will need to be added as a datastore and mounted as the xxx-UTY01 server's V: drive, prior to setting up the repository. The steps are as follows:

1. Open the **Backup Infrastructure** area within Veeam.
2. Click **Backup Repositories** and select **Add Repository**.
3. Select **Direct attached storage**.
4. Select **Microsoft Windows**.
5. Enter the name **Local Storage** in the field and click **Next**.
6. Ensure the Repository server reflects the xxx-UTY01 server and click **Populate**. *The list of local drives on the server will be displayed.*
7. Select the **V:** drive and click **Next**.



8. In the **Path to folder** field, enter **V:\Backups** and click **Advanced**.
9. Ensure **Use Per VM Backup Files** is selected, click **OK**, then click **Next**.



10. Accept the defaults on the **Mount Server** screen and click **Next**.
11. Ensure all the settings are correct, then click **Apply**.

**Important Note:** Ensure there are no errors during the creation process.

