

Veeam Backup & Replication 11.0.1.1261 P20211211

In this post, I am going to install above version of Veeam B&R. Veeam released this version in Dec 2021. Here is the link with more details.

<https://www.veeam.com/kb4245>

Release Notes for Veeam Backup & Replication 11a Cumulative Patches

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Requirements

Before installing this cumulative patch, please confirm that you are running Veeam Backup & Replication 11a (build **11.0.1.1261**) with or without earlier patches. You can check the build number under **Help | About** in the backup console. After the upgrade, your build number will be **11.0.1.1261 P20211211**.

If you are running any Veeam Backup & Replication version between 9.5 U4b and 11, you can use the ISO below to upgrade your installation directly to version 11a P20211211.

Resolved Issues

This cumulative patch includes the following new features, enhancements and fixes for the original V11a builds:

P20211211

- **Microsoft Windows 11** and **Microsoft Windows 10 21H2** support as guest OS, Hyper-V hosts (as a target for Instant Recovery and SureBackup), for installation of Veeam Backup & Replication components, and for agent-based backup with Veeam Agent for Microsoft Windows 5.0.2 (included in P20211211).
- **RHEL/CentOS/Oracle Linux 8.5, Ubuntu 21.10, Fedora 35** distributions are now supported as guest OS, for the installation of Veeam Backup & Replication components, and for agent-based backup with Veeam Agent for Linux 5.0.2 (included in P20211211). The latter also supports **Linux kernel up to version 5.16** and no longer requires installing the `linux-image-<version>-dbg` package on **Debian 11**.
- **Oracle Database 21c** support by application-aware processing of image-level backup including redo log backup, by Veeam Plug-in for Oracle RMAN 11.0.101.1264 (included in P20211211) and by Veeam Explorer for Oracle.
- **RHEL 8.4 for SAP Solutions** and **SLES 15 SP3 for SAP Applications** support by Veeam Plug-in for SAP HANA.
- **VMware Carbon Black** compatibility for vSphere VMs processing.
- **LTO-9** support. Tape jobs will now identify and display the media calibration process in the Action log and will no longer time out should this process takes longer than 15 minutes.
- **Platform:** added API extensions enabling Kasten K10 integration and configuration backup/restore for upcoming versions of Veeam Backup for AWS/Azure/GCP; deleting cloud-native backup appliance will no longer delete the corresponding external repositories to facilitate configuration backup restore.
- **SOBR Capacity Tier:** increased timeout for certain long-running object storage operations (like clean up) to 25 hours; fixed the root causes behind offload failures with "Block not found", "The INSERT statement conflicted with the FOREIGN KEY constraint" and "No recovery record was found for storage key" errors.
- **Tape:** fixed NDMP performance regression introduced in 11a; added support for Kasten K10 backups and backup copies to Backup to Tape jobs as well as support for restoring such backups from tape.
- **Microsoft Azure:** region settings have been moved into the configuration file to allow for enabling Archive Tier functionality there as Microsoft rolls out the Archive Storage class to additional regions.
- **Microsoft Hyper-V:** the presence of empty SCVMM tag should no longer cause various issues in the related functionality; VMs from nested HostGroups should no longer be skipped from processing; application-aware processing failures on VMs with a very large number of network adapters.
- **VMware Cloud Director:** the new plug-in in version 11.1.7 adds support for: deployment with very large number of organization; LDAP-integrated users with multiple roles; installation side by side with other data protection plug-ins; browsers with the locale set to a language not present in the language picker.
- **Veeam Cloud Connect:** evacuating backups of a particular tenant should no longer lock the entire SOBR extent preventing other tenants from accessing their backups; encrypted tenant backups should now be correctly unpublished following the restore from Archive Tier; tenants should again be presented with an choice of keeping or removing their replicas when removing cloud hosts.

P20211123

- Scale-out backup repository (SOBR): initiating SOBR rescan with one of Performance Tier extents being in maintenance mode, and taking said extent out of the maintenance mode at the specific moment of the Rescan process results in all backup files on this extent replaced with stubs downloaded from Capacity Tier.
- SOBR Capacity Tier: under certain circumstances, copy/offload to Capacity Tier starts failing with the *"Attempt to overwrite existing non-sparse block version"* error.
- SOBR Archive Tier: a rare situation involving an interruption or a failure of the S3 API call to object storage during the specific operation may place Capacity Tier into a state resulting in further Archive Tier offload attempts failing with the *"Specified key does not exist"* error.
- Email notifications: backup job email notifications are missing information about datastores with a lack of free disk space.
- User interface: some UI nodes may show outdated job status information, requiring users to press F5 to refresh the view and actualize it.
- HPE StoreOnce: updated HPE StoreOnce Catalyst library to version 4.2.4, which includes a fix from intermittent *"Pipeline hanged"* errors when reading data from the corresponding backup repository.

Known Issues

Please consider the following prior to installing the cumulative patch:

- Veeam Agent for Linux: version 5.0.2 comes with veeamsnap kmod/kmp modules signed with a renewed certificate. Following the agent upgrade, you must update veeamsnap-ueficert package and enroll the new certificate to UEFI MOK, otherwise the module will fail to load. This applies only to RHEL/CentOS and SLES/openSUSE machines with UEFI SecureBoot enabled.
- Veeam Cloud Connect: backup and backup copy jobs containing Windows 11 Hyper-V VMs and Kasten K10 backups will start failing for tenants if they install P20211211 before their service provider.

Solution

If version 11a is **already installed**, simply apply the Cumulative Patch P20211211 using the following update package:

DOWNLOAD PATCH

MD5: a50872bddc830a496f0c37103cb54093

SHA-1: 02b2ed3af18232449a998d3fa1c26cbdd1c69214

For **new installations** and **upgrades from previous versions**, use the ISO with the most recent Cumulative Patch built-in:

DOWNLOAD ISO

MD5: 74222e22a9f6cfa6d8a884780b25a1a3

SHA-1: bbe6d30c08e8a0997af4a0cb93fd172f18e3e165

I am currently running v11.0.1.1261.



Before we run the update, we have to rename this dll file to .old. After that stop all Veeam services.

OS (C:) > Program Files > Common Files > Veeam			
Name	Date modified	Type	Size
Backup and Replication	12-Oct-2021 11:01 AM	File folder	
SnmpSharpNet.dll	05-Jul-2019 10:58 AM	Application exte...	109 KB
SNMPSharpNetWrapper.dll	24-May-2021 5:39 PM	Application exte...	24 KB
VeeamLicense.dll.old	24-Feb-2021 7:51 AM	OLD File	590 KB
VeeamSnmp.dll	24-May-2021 5:39 PM	Application exte...	206 KB

Get-Service Veeam* | Stop-Service
Get-Service Veeam*

Administrator: Windows PowerShell

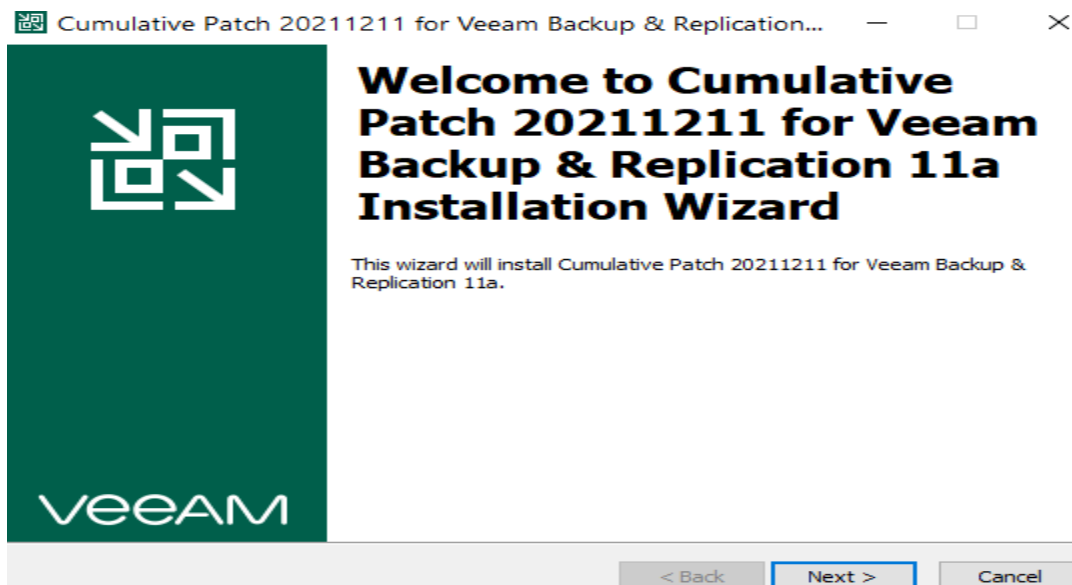
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\Administrator> Get-Service Veeam* | Stop-Service
WARNING: Waiting for service 'Veeam Backup Service (VeeamBackupSvc)' to stop...
WARNING: Waiting for service 'Veeam Backup Service (VeeamBackupSvc)' to stop...
WARNING: Waiting for service 'Veeam Backup Service (VeeamBackupSvc)' to stop...
PS C:\Users\Administrator> Get-Service Veeam*

Status      Name                                DisplayName
-----
Stopped     VeeamAWSSvc                        Veeam AWS Service
Stopped     VeeamAzureSvc                     Veeam Azure Service
Stopped     VeeamBackupCdpSvc                 Veeam CDP Coordinator Service
Stopped     VeeamBackupRESTSvc               Veeam Backup Server RESTful API Ser...
Stopped     VeeamBackupSvc                    Veeam Backup Service
Stopped     VeeamBrokerSvc                    Veeam Broker Service
Stopped     VeeamCatalogSvc                   Veeam Guest Catalog Service
Stopped     VeeamCloudSvc                     Veeam Cloud Connect Service
Stopped     VeeamDeploySvc                    Veeam Installer Service
Stopped     VeeamDistributi...                 Veeam Distribution Service
Stopped     VeeamExplorersR...                 Veeam Explorers Recovery Service
Stopped     VeeamFilesysVssSvc                Veeam Backup VSS Integration Service
Stopped     VeeamGCPSvc                       Veeam GCP Service
Stopped     VeeamHvIntegrat...                 Veeam Hyper-V Integration Service
Stopped     VeeamMountSvc                     Veeam Mount Service
Stopped     VeeamNFSSvc                       Veeam vPower NFS Service
Stopped     VeeamTransportSvc                 Veeam Data Mover Service
Stopped     VeeamVssProvide...                 Veeam VSS Hardware Provider Service
```

Now we can install the update.

Downloads			
Name	Date modified	Type	Size
VeeamBackup&Replication_11.0.1.1261_20211211.exe	10-Dec-2021 10:15 PM	Application	2,505,208 KB



Ready to Install

Click Install to apply the update.



This wizard will install Cumulative Patch 20211211 for Veeam Backup & Replication 11a.

Please note that the update will be installed on the backup server only. To update remote components, wait for this installation to finish, open the Veeam Backup & Replication console and follow the Upgrade wizard. Alternatively, we can initiate remote components update process for you.

☒ Update remote components automatically

Click Install to apply the update.

< Back

Install

Cancel



Cumulative Patch 20211211 for Veeam Backup & Replication 11a has been installed successfully.

Click Finish to exit the wizard.

veeam

< Back

Next >

Finish

Make sure to stop all Veeam services before you remove .old from below screen shot.

OS (C:) > Program Files > Common Files > Veeam			
Name	Date modified	Type	Size
Backup and Replication	12-Oct-2021 11:01 AM	File folder	
SnmpSharpNet.dll	05-Jul-2019 10:58 AM	Application exte...	109 KB
SNMPSharpNetWrapper.dll	24-May-2021 5:39 PM	Application exte...	24 KB
VeeamLicense.dll	24-Feb-2021 7:51 AM	Application exte...	590 KB
VeeamSnmp.dll	24-May-2021 5:39 PM	Application exte...	206 KB


Now we can start all Veeam services.

Get-Service Veeam* | Start-Service

```
PS C:\Users\Administrator> Get-Service Veeam* | Start-Service
WARNING: Waiting for service 'Veeam Azure Service (VeeamAzureSvc)' to start...
WARNING: Waiting for service 'Veeam Azure Service (VeeamAzureSvc)' to start...
WARNING: Waiting for service 'Veeam Azure Service (VeeamAzureSvc)' to start...
WARNING: Waiting for service 'Veeam CDP Coordinator Service (VeeamBackupCdpSvc)' to start...
WARNING: Waiting for service 'Veeam CDP Coordinator Service (VeeamBackupCdpSvc)' to start...
WARNING: Waiting for service 'Veeam CDP Coordinator Service (VeeamBackupCdpSvc)' to start...
WARNING: Waiting for service 'Veeam CDP Coordinator Service (VeeamBackupCdpSvc)' to start...
WARNING: Waiting for service 'Veeam Guest Catalog Service (VeeamCatalogSvc)' to start...
WARNING: Waiting for service 'Veeam Guest Catalog Service (VeeamCatalogSvc)' to start...
WARNING: Waiting for service 'Veeam Guest Catalog Service (VeeamCatalogSvc)' to start...
WARNING: Waiting for service 'Veeam Guest Catalog Service (VeeamCatalogSvc)' to start...
WARNING: Waiting for service 'Veeam Guest Catalog Service (VeeamCatalogSvc)' to start...
WARNING: Waiting for service 'Veeam Cloud Connect Service (VeeamCloudSvc)' to start...
WARNING: Waiting for service 'Veeam Cloud Connect Service (VeeamCloudSvc)' to start...
WARNING: Waiting for service 'Veeam Distribution Service (VeeamDistributionSvc)' to start...
WARNING: Waiting for service 'Veeam Distribution Service (VeeamDistributionSvc)' to start...
WARNING: Waiting for service 'Veeam Distribution Service (VeeamDistributionSvc)' to start...
WARNING: Waiting for service 'Veeam Mount Service (VeeamMountSvc)' to start...
PS C:\Users\Administrator> Get-Service Veeam*

Status  Name                      DisplayName
-----
Running VeeamAWSSvc              Veeam AWS Service
Running VeeamAzureSvc           Veeam Azure Service
Running VeeamBackupCdpSvc   Veeam CDP Coordinator Service
Running VeeamBackupRESTSvc Veeam Backup Server RESTful API Ser...
Running VeeamBackupSvc     Veeam Backup Service
Running VeeamBrokerSvc     Veeam Broker Service
Running VeeamCatalogSvc    Veeam Guest Catalog Service
Running VeeamCloudSvc      Veeam Cloud Connect Service
Running VeeamDeploySvc     Veeam Installer Service
Running VeeamDistributi... Veeam Distribution Service
Running VeeamExplorersR... Veeam Explorers Recovery Service
Running VeeamFilesysVssSvc Veeam Backup VSS Integration Service
Running VeeamGCPSvc        Veeam GCP Service
Running VeeamHvIntegrat... Veeam Hyper-V Integration Service
Running VeeamMountSvc      Veeam Mount Service
Running VeeamNFSSvc        Veeam vPower NFS Service
Running VeeamTransportSvc  Veeam Data Mover Service
Running VeeamVssProvide... Veeam VSS Hardware Provider Service
```

Now we can open Veeam B&R Console and check license status.



Veeam
Backup & Replication 11

Type in a backup server name or IP address, backup service port number, and user credentials to connect with.

localhost

9392

RAMLAN\administrator

Password

☒ Use Windows session authentication

[Save shortcut](#)

Connect

Close



Veeam Backup & Replication 11

Part of Veeam Availability Suite

Build: 11.0.1.1261 P20211211

Subscription: 5121 days remaining

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Veeam Backup and Replication

Home View

Backup Job ▾

Replication Job ▾

CDP Policy

Backup Copy Job ▾

Copy Job ▾

Restore

Failover Plan ▾

Import Backup

Export Backup

Primary Jobs

Auxiliary Jobs

Restore

Actions

Home

All jobs

Name ↑	Type	Objects	Status	Last Run	Last Result
Current Branch 1810 Database Backup Weekly	Windows Agent Backup	1	Stopped	3 days ago	Success
Exchange Mailbox Database Daily Backup	Windows Agent Backup	1	Stopped	13 hours ago	Success

Server Tools

Home View

Server

Add

Edit

Remove

Server Server Server

Manage Server

Inventory

Virtual Infrastructure

VMware vSphere

vCenter Servers

VC.RAMLAN.CA

Microsoft Hyper-V

Standalone Hosts

DC.RAMLAN.CA

Physical Infrastructure

Manually Added

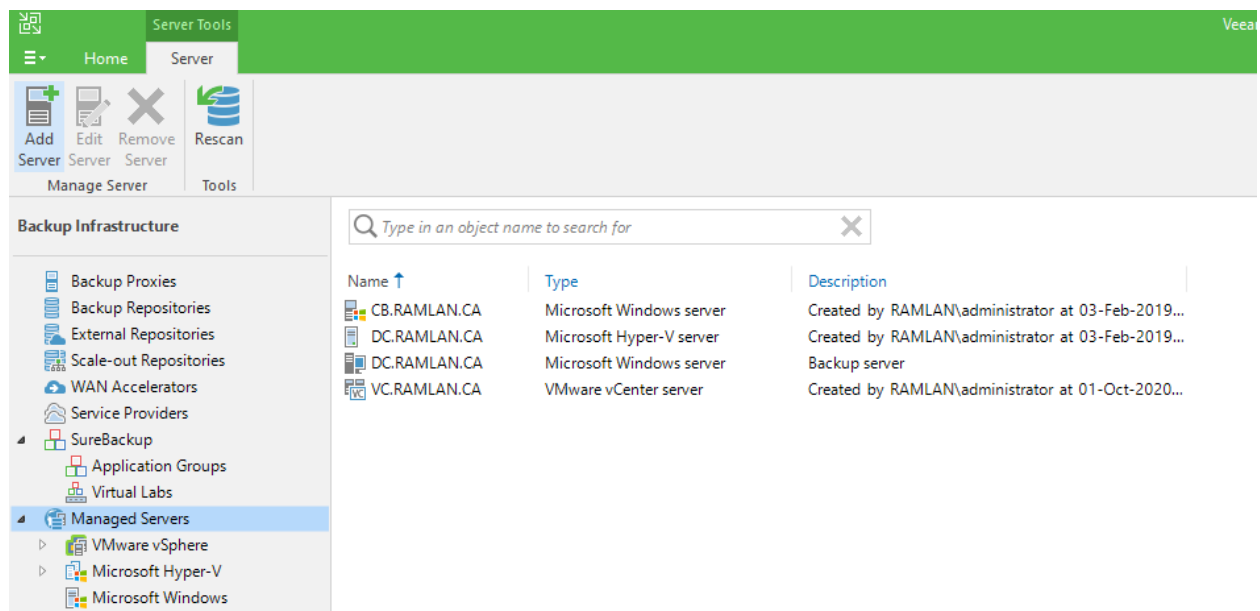
Unmanaged

File Shares

Last 24 Hours

Success

Failed



With this we have completed the latest update.

Thanks

Ram

23rd Dec 2021