Veeam Backup & Replication 11 Cumulative Patch 20210319

In this post, I am going to install above patch for Veeam B&R v11.0. Veeam released above patch this month. Here is the link with more details about the patch.

https://www.veeam.com/kb4126

Release Notes for Veeam Backup & Replication 11 Cumulative Patches

Requirements

Please confirm that you are running V11 GA (build **11.0.0.837**) prior to installing this update. You can check this under **Help | About** in the Veeam Backup & Replication console. After upgrade, your build number will be **11.0.0.837 P20210324**.

KB ID:	4126
Published:	2021-03-11
Last Modified:	2021-03-29

Resolved Issues

This cumulative patch includes hotfixes for the following issues of the original V11 GA build:

P20210324

- Applicable to Cloud Connect service providers' infrastructure servers only: fix for the quartertly backups retention issue.

P20210319

- Backup jobs appear to hang at 0KB on the hard disk reading step due to a race condition that may trigger on a very slow backup storage (usually when Windows deduplication is enabled). Potentially, any process that interacts with a backup file may hang when trying to open a backup file.

- After upgrading to V11 directly from version 9.5, incremental backup and replication runs take longer and produce larger increments than with previous versions for host-based processing of vSphere and Hyper-V VMs.

- Possible data loss with IBM storage snapshot integration due to a wrong LUN deleted during storage snapshot retention processing. This is caused by certain sequence of storage snapshot management operations outside Veeam resulting in a LUN with duplicate internal ID appearing on the storage.

- Veeam.Backup.Service.exe may crash under heavy load if the Snapshot Hunter processing runs into an unexpected issue with the stuck snapshot processing.

- When the scale-out backup repository Capacity Tier uses only the Copy policy, GFS backups will now be made immutable in hardened repository extents of the Performance Tier for the entire duration of their retention policy. Previously, GFS backups were only locked according to the hardened repository immutability settings to enable the Move policy to function correctly even when it was not enabled, making SOBR as a whole not compliant with certain WORM storage regulations.
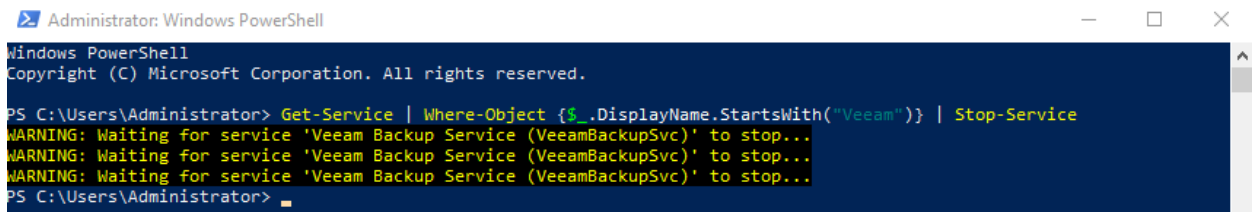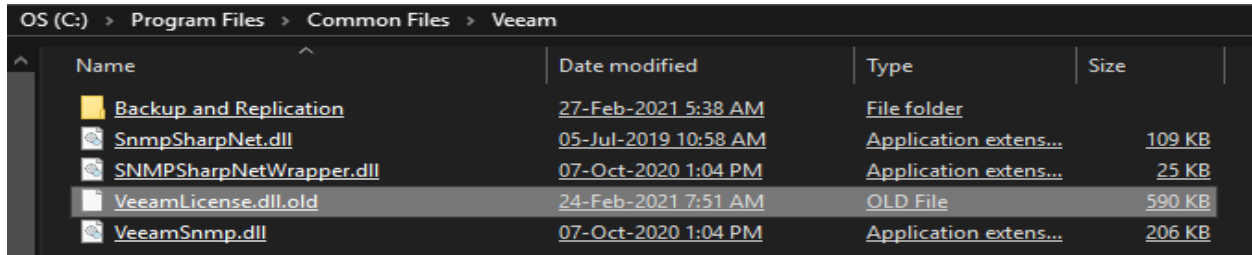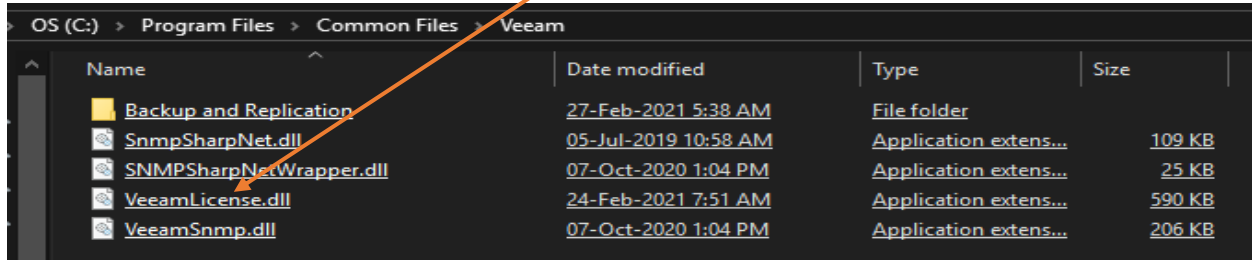
Solution

If you have V11 GA build installed already, you can apply Cumulative Patch 20210324 using the following update package:

Within the lab, I am running Veeam B&R v11.0

Veeam
Backup & Replication 11
Part of Veeam Availability Suite

Build: 11.0.0.837 (FIPS)

Technical Support Portal
Veeam R&D Forums

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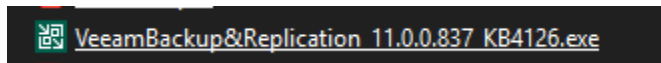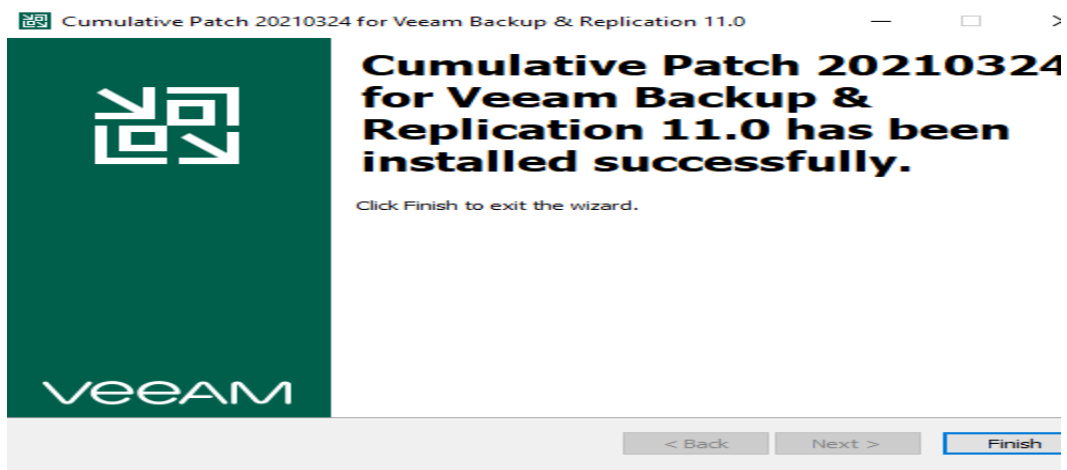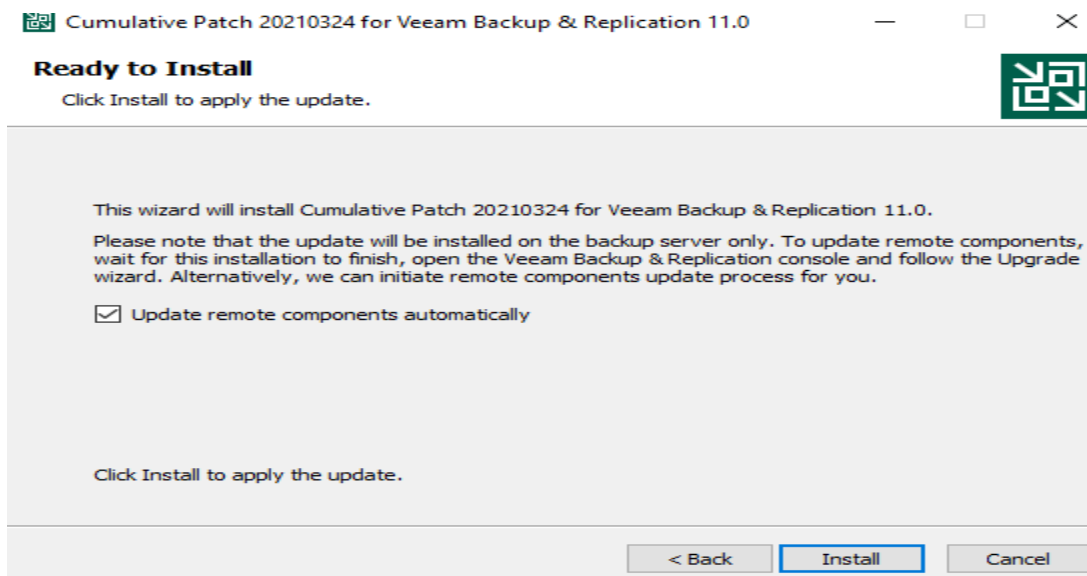
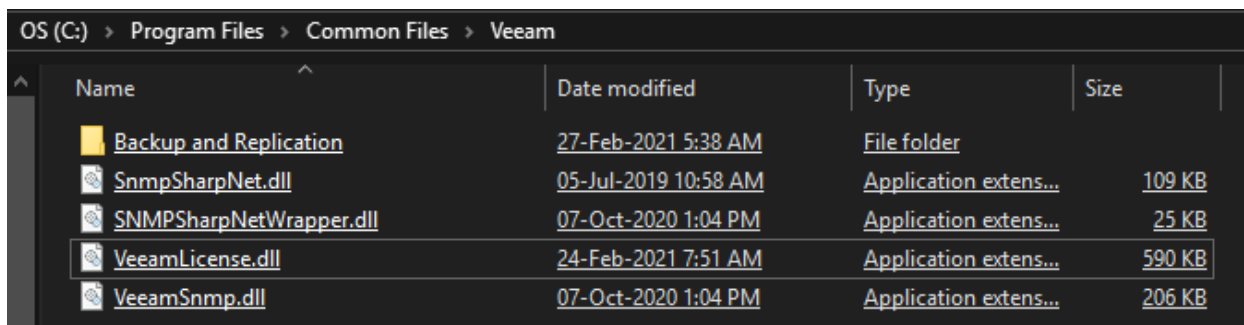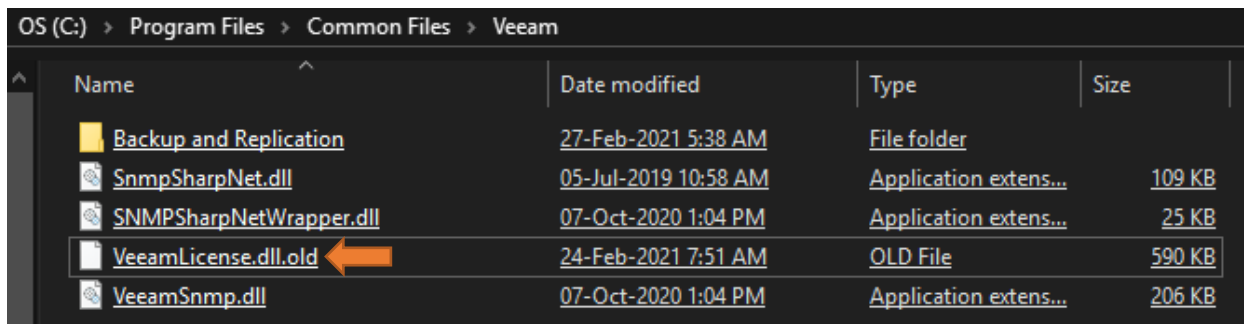Before we run the update, we have to rename this dll file to .old. After that we have to stop all Veeam services.

Now we can install the update

Ready to Install
Click Install to apply the update.

This wizard will install Cumulative Patch 20210324 for Veeam Backup & Replication 11.0.

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 20210324 for Veeam Backup & Replication 11.0 has been installed successfully.

Click Finish to exit the wizard.

| < Back | Next > | Finish |

Now we can remove .old from this file we renamed earlier.

OS (C:) > Program Files > Common Files > Veeam

Name	Date modified	Type	Size
Backup and Replication	27-Feb-2021 5:38 AM	File folder	
SnmpSharpNet.dll	05-Jul-2019 10:58 AM	Application extens...	109 KB
SNMPSharpNetWrapper.dll	07-Oct-2020 1:04 PM	Application extens...	25 KB
VeeamLicense.dll.old	24-Feb-2021 7:51 AM	OLD File	590 KB
VeeamSnmp.dll	07-Oct-2020 1:04 PM	Application extens...	206 KB

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Now we can restart all Veeam services.

```
PS C:\Users\Administrator> Get-Service | Where-Object {$_.DisplayName.StartsWith("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 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 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...
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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 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 Distribution Service (VeeamDistributionSvc)' to start...
WARNING: Waiting for service 'Veeam Explorers Recovery Service (VeeamExplorersRecoverySvc)' to start...
WARNING: Waiting for service 'Veeam Explorers Recovery Service (VeeamExplorersRecoverySvc)' to start...
WARNING: Waiting for service 'Veeam Mount Service (VeeamMountSvc)' to start...
WARNING: Waiting for service 'Veeam Mount Service (VeeamMountSvc)' to start...
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WARNING: Waiting for service 'Veeam Mount Service (VeeamMountSvc)' to start...
WARNING: Waiting for service 'Veeam Mount Service (VeeamMountSvc)' to start...
PS C:\Users\Administrator>
```
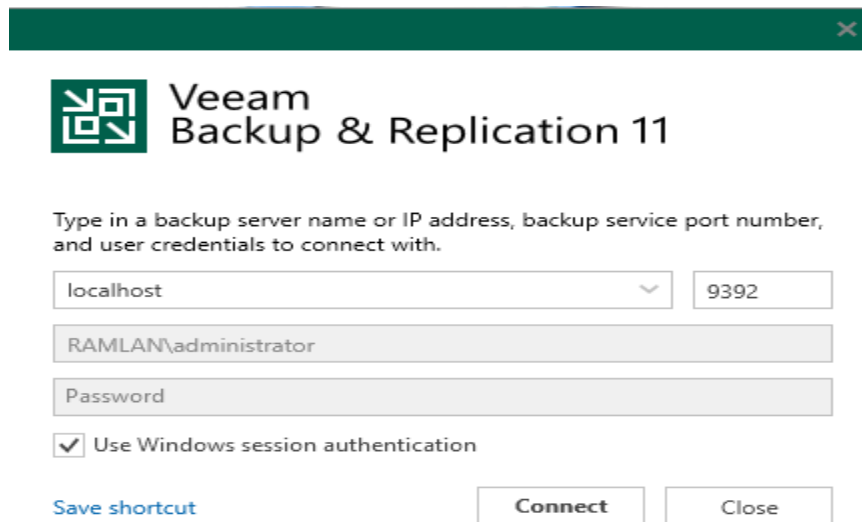
```
PS C:\Users\Administrator> get-service -displayname Veeam*

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    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
```

Veeam AWS Service	Enables interaction between Veeam Backup & Replication and AWS infrastructure.	Running
Veeam Azure Service	Enables interaction between Veeam Backup & Replication and Microsoft Azure infrastructure	Running
Veeam Backup Server RESTful API Service	Provides a RESTful API endpoint for automating backup server operations.	Running
Veeam Backup Service	Manages scheduled jobs, serves Veeam Backup Enterprise Manager requests.	Running
Veeam Backup VSS Integration Service	Manages Microsoft VSS snapshots used for NAS, file share and off-host agent-based backups.	Running
Veeam Broker Service	Interacts with virtual infrastructure to collect and cache its topology.	Running
Veeam CDP Coordinator Service	Orchestrates CDP activities across all components and policies.	Running
Veeam Cloud Connect Service	Provides transparent connection to cloud resources over secure SSL/TLS channel.	Running
Veeam Data Mover Service	Sends and receives protected data during backup, replication and restore processes.	Running
Veeam Distribution Service	Distributes Veeam Agent setup packages to the protected computers.	Running
Veeam Explorers Recovery Service	Executes database instant recovery workflows on behalf of Veeam Explorers	Running
Veeam Guest Catalog Service	Manages and replicates guest OS file system index data files.	Running
Veeam Hyper-V Integration Service	Enables Veeam Backup & Replication to perform on-host and off-host processing of Hyper-V virtual machines.	Running
Veeam Installer Service	Enables installing, updating and configuring Veeam Backup & Replication components.	Running
Veeam Mount Service	Mounts Veeam backups and replicas for file-level access.	Running
Veeam vPower NFS Service	Implements vPower NFS server that enables running virtual machines directly from backup files.	Running
Veeam VSS Hardware Provider Service	Extends the Microsoft Volume Shadow Copy Service (VSS) to enable agent-based backup from storage snapshots.	Running

Now it is time to check the update report. After upgrade build number will be 11.0.0.837 P20210324.

Open Veeam B&R application from Start Menu

With this we have completed the update install.

Thanks

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31st Mar 2021