

Offline updating StarWind VSAN CVM

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StarWind Documents



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About StarWind

StarWind is a pioneer in virtualization and a company that participated in the development of this technology from its earliest days. Now the company is among the leading vendors of software and hardware hyper-converged solutions. The company’s core product is the years-proven StarWind Virtual SAN, which allows SMB and ROBO to benefit from cost-efficient hyperconverged IT infrastructure. Having earned a reputation of reliability, StarWind created a hardware product line and is actively tapping into hyperconverged and storage appliances market. In 2016, Gartner named StarWind “Cool Vendor for Compute Platforms” following the success and popularity of StarWind HyperConverged Appliance. StarWind partners with world-known companies: Microsoft, VMware, Veeam, Intel, Dell, Mellanox, Citrix, Western Digital, etc.

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Introduction

This article provides a guide on offline updating StarWind Virtual SAN Controller Virtual Machine (CVM), CentOS-based. It is applicable to both the StarWind Virtual SAN and StarWind Virtual SAN Free versions, specifically:

- Version V8 (build 15554, OVF Version 20240822)
- Version V8 (build 15469, OVF Version 20240530)
- Version V8 (build 15260, OVF Version 20230901)
- Version V8 (build 15159, OVF Version 20230602)
- Version V8 (build 14398, OVF Version 20211124)

To update from earlier build versions, please contact our support team at support@starwind.com

Resolution

To check the currently installed StarWind VSAN build, connect to the server in StarWind Management Console, open the Configuration tab, and choose 'Register'. The build should be in the LICENSE SOURCE section under 'Target Server Info'. **StarWind Virtual SAN CVM** step-by-step **offline** update procedure on **VMware ESXi** environments: Check that all StarWind devices have the Synchronized status on all nodes; **1.** Check that each Datastore on each host has active paths from all StarWind nodes; **2.** Download the offline update file via the following link:

<https://ovf.starwind.com/tmplink/starwind-update-offline-u119.1-build-19551.tar.gz>

NOTE: The archives contain the latest security patches and the version of StarWind VSAN service. **3.** Upload the archive to the /tmp folder on StarWind VM using any SFTP client. For example, use WinSCP tool: (<https://winscp.net/eng/download.php>). **4.** Go to the folder with the update archive and unpack the offline update build:

```
# sudo tar -xf starwind-update-offline-u119.1-  
build-19551.tar.gz
```

5. Start the update procedure:

```
# sudo ./starwind-update-offline.run
```

6. After the successful update, the StarWind Virtual SAN for vSphere needs to be rebooted. **7.** Wait until StarWind VSAN for vSphere starts, and the synchronization process is completed; **8.** Check that all StarWind devices have the Synchronized status on all nodes; **9.** Repeat the steps above on the remaining StarWind nodes one by one; **NOTE:** Updater will compare the StarWind Virtual SAN version and check if an update is

needed. In addition, kernel and system updates will be installed for VSAN for vSphere. To request the new license key please email the Account Manager you have previously worked with or [email our sales department](#).

Contacts

| US Headquarters | EMEA and APAC |
|--|---|
|  +1 617 829 44 95 |  +44 2037 691 857 (United Kingdom) |
|  +1 617 507 58 45 |  +49 800 100 68 26 (Germany) |
|  +1 866 790 26 46 |  +34 629 03 07 17 (Spain and Portugal) |
| |  +33 788 60 30 06 (France) |

Customer Support Portal: <https://www.starwind.com/support>

Support Forum: <https://www.starwind.com/forums>

Sales: sales@starwind.com

General Information: info@starwind.com



StarWind Software, Inc. 100 Cummings Center Suite 224-C Beverly MA 01915, USA
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