

Upgrading from any StarWind version to any StarWind version

2025

StarWind Documents



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Technical Support and Services

If you have questions about installing or using this software, check this and other documents first - you will find answers to most of your questions on the [Technical Papers](#) webpage or in [StarWind Forum](#). If you need further assistance, please [contact us](#) .

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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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'. The actual version of **StarWind Management Console** can be downloaded [here](#). **StarWind VSAN (Windows-based application)** step-by-step update procedure.

The latest StarWind VSAN build (.exe) can be downloaded [here](#).

For **Hyper-V** environments:

1. To prevent data loss, disconnect iSCSI clients from StarWind nodes - for builds, where it is specified as a requirement in [StarWind Release Notes](#);
2. Move cluster resources (Cluster Disks and Cluster Roles, if possible) from the node which is going to be updated - for hyperconverged scenario only;
3. Check that all StarWind devices have the Synchronized status on all nodes;
4. Run the StarWind VSAN installer on the first node;
5. Install the license key in the installation wizard if prompted;
6. Wait until StarWind service starts and the synchronization process is completed;
7. Check that all StarWind devices have the Synchronized status on all nodes;
8. Check that all iSCSI connections are restored after the node update;
9. Repeat the steps above on the remaining StarWind nodes one by one;
10. Connect the iSCSI clients to the nodes, if they have been previously disconnected at step 1.

For **VMware ESXi, Citrix Hypervisor/XenServer** environments:

1. To prevent data loss, disconnect iSCSI clients from StarWind nodes - for builds, where it is specified as a requirement in [StarWind Release Notes](#);
2. Check that all StarWind devices have the Synchronized status on all nodes;
3. Check that each Datastore/SR on each host has active paths from all StarWind nodes;
4. Run the StarWind VSAN installer on the first node;
5. Install the license key in the installation wizard if prompted;
6. Wait until StarWind service starts and the synchronization process is completed;
7. Check that all StarWind devices have the Synchronized status on all nodes;
8. Check that each Datastore/SR on each host has active paths from all StarWind nodes;
9. Repeat the steps above on the remaining StarWind nodes one by one.
10. Connect the iSCSI clients to the nodes, if they have been previously disconnected at

step 1.

StarWind Virtual SAN (CentOS-based) step-by-step update procedure on **VMware ESXi** environments: **NOTE:** Offline update steps are described in this KB article:

<https://knowledgebase.starwindsoftware.com/guidance/offline-updating-starwind-vsan-cvm/> Environments with access to the Internet - **Online update:**

1. Check that all StarWind devices have the Synchronized status on all nodes;
2. Check that each Datastore on each host has active paths from all StarWind nodes;
3. Login to StarWind Virtual SAN for vSphere web client (https://%VSAN_IP%:9090)
4. Go to the terminal web page.
5. Download the update using the following cmdlet:

```
# sudo wget
https://ovf.starwind.com/tmplink/starwind-update-build-19551.tar.gz
--no-check-certificate
```

6. Go to the folder with the update archive and unpack the updater:

```
# sudo tar -xf starwind-update.tar.gz
```

7. Start the update procedure (the filename may vary, please use the **ls** command to check the list of files):

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

8. After the successful update, the StarWind Virtual SAN for vSphere could be rebooted.
9. Wait until StarWind VSAN for vSphere starts, and the synchronization process is completed;
10. Check that all StarWind devices have the Synchronized status on all nodes;
11. Check that all iSCSI connections are restored after the node update;
12. Repeat the steps above on the remaining StarWind nodes one by one;

StarWind Virtual SAN (Ubuntu-based) step-by-step update procedure is available here:

<https://knowledgebase.starwindsoftware.com/maintenance/how-to-update-starwind-virtual-san-deployed-as-a-controller-virtual-machine-cvm/> Below are the extra steps to

upgrade the outdated StarWind iSCSI SAN / StarWind VSAN version to any newer one:

	5.4	5.5	5.6	5.7	5.8	6.0	8	8.7774	Latest
5.4	X	One by one update	License change	License change	Data Migration	Data Migration	Data Migration + License change	Data Migration + License change	Instructions

5.5	X	License change	License change	Instructions	Data migration	Data Migration + License change	Data Migration + License change	Instructions
5.6		X	One by one update	Instructions	Instructions	Data Migration + License change	Data Migration + License change	Instructions
5.7			X	Instructions	Instructions	Data Migration + License change	Data Migration + License change	Instructions
5.8				X	One by one update	Data Migration + License change	Data Migration + License change	Instructions
6					X	License change	Data Migration + License change	Instructions
8						X	Optional license change	Instructions
8.7774							X	Instructions
Latest								X

Explanation

One by one update – standard StarWind VSAN update procedure. License change – the update requires taking steps of the standard update and the new license key. Data migration – the update requires taking steps of the standard update and moving the data from the client side from existing devices to the new ones, created using the updated version. Instructions – please get in touch with StarWind Support by emailing support@starwind.com to learn the proper steps for the upgrade.

See Also

The newest StarWind VSAN build can be downloaded here: <https://www.starwindsoftware.com/download-starwind-products> The complete Release Notes can be viewed by following this link:

<http://www.starwindsoftware.com/release-notes-build> To request the new license key please email the Account Manager you have previously worked with or [email our sales department](#).

Request A Product Feature

To request a new product feature or to provide feedback on a StarWind product, please email to our support at support@starwind.com and put "Request a Product Feature" as the subject.

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