

# How to Update StarWind Virtual SAN Deployed as a Controller Virtual Machine (CVM)

2025

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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## Description

This article provides a guide for updating StarWind Virtual SAN (VSAN) Controller Virtual Machine (CVM) to the latest public release build. It applies to both StarWind Virtual SAN and StarWind Virtual SAN Free versions, specifically:

- Version V8 (build 15260, CVM Version 20231016 and later)

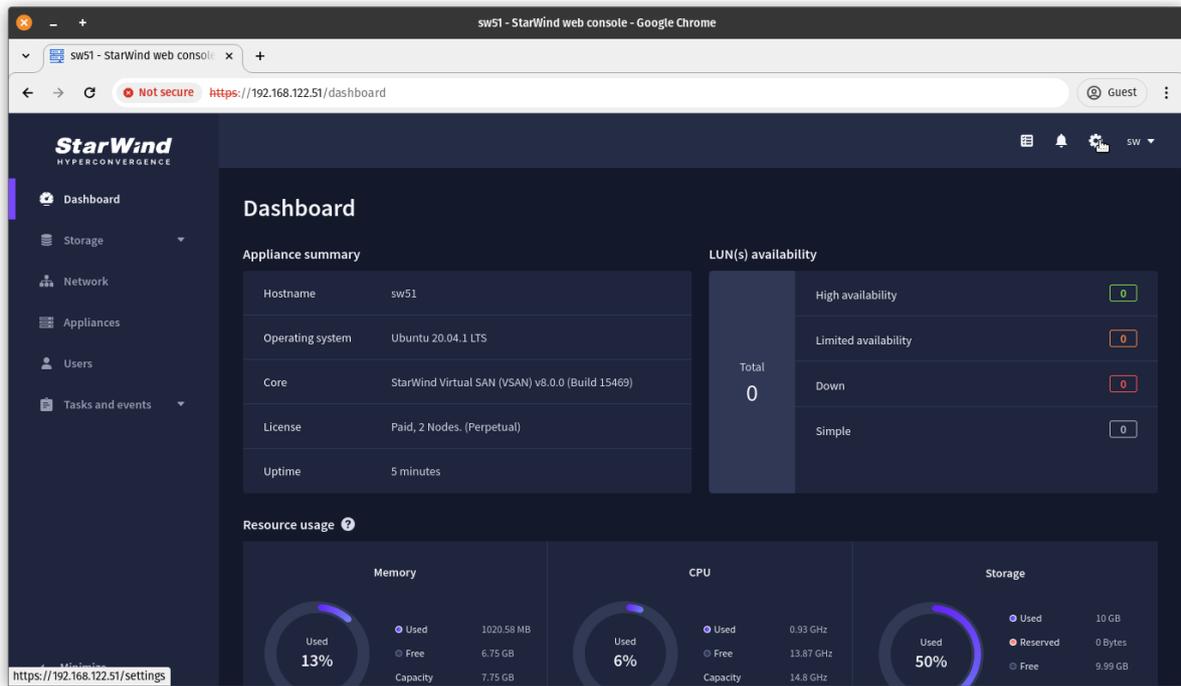
## Recommendations

Before proceeding with the update, it is recommended to:

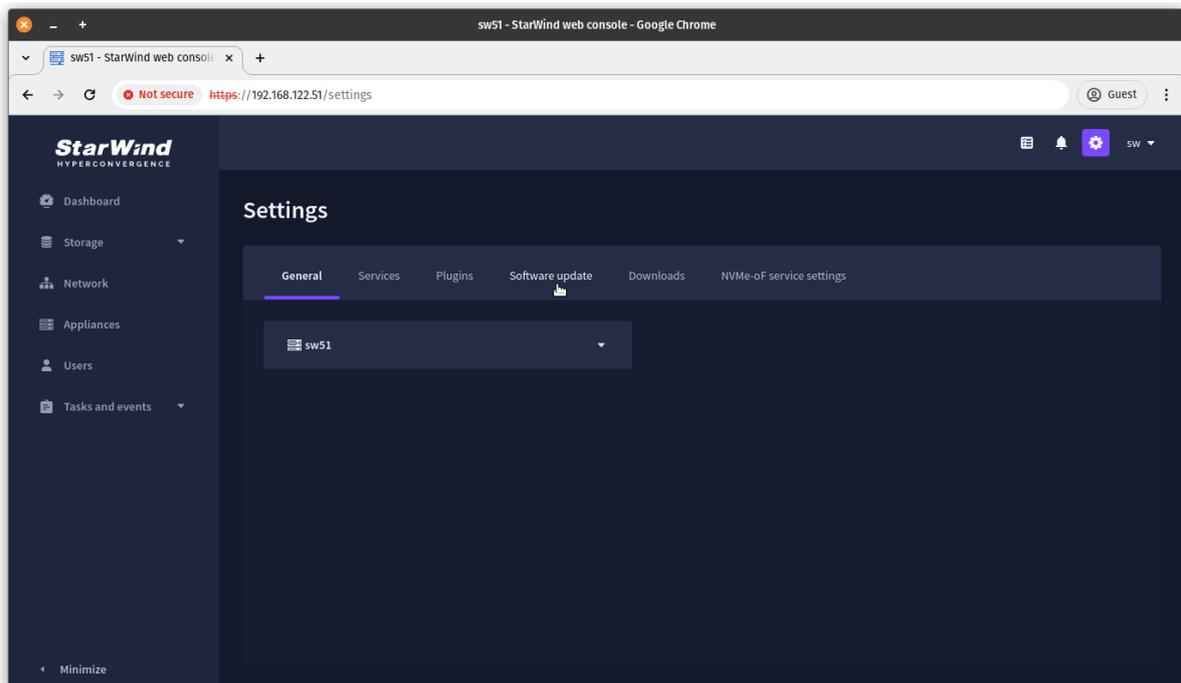
- **Run a backup job** to ensure that you have a current backup of your data on VSAN storage before installing updates.
- **Schedule maintenance window** to update StarWind VSAN.
- Check that all StarWind devices have the Synchronized status on all nodes
- Make sure that shared storage (Microsoft Cluster shared volumes, VMware Datastores, Proxmox Shared LVM) **on each host has active paths from all StarWind nodes.**
- **Install updates on one CVM at a time** if you have a VSAN cluster, to maintain high availability and avoid downtime, especially when the update requires CVM or server downtime.

## Resolution

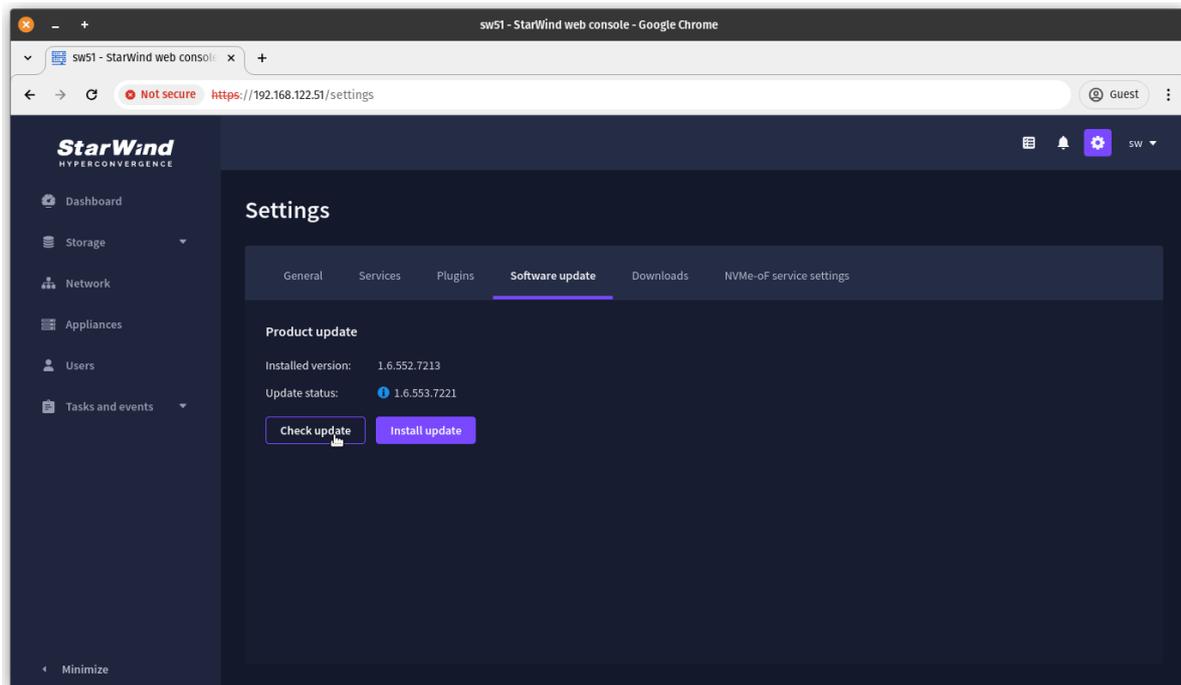
To update StarWind VSAN CVM to the latest published version, follow these steps: **1.** Open **the settings page** by clicking the gear icon on the top bar.



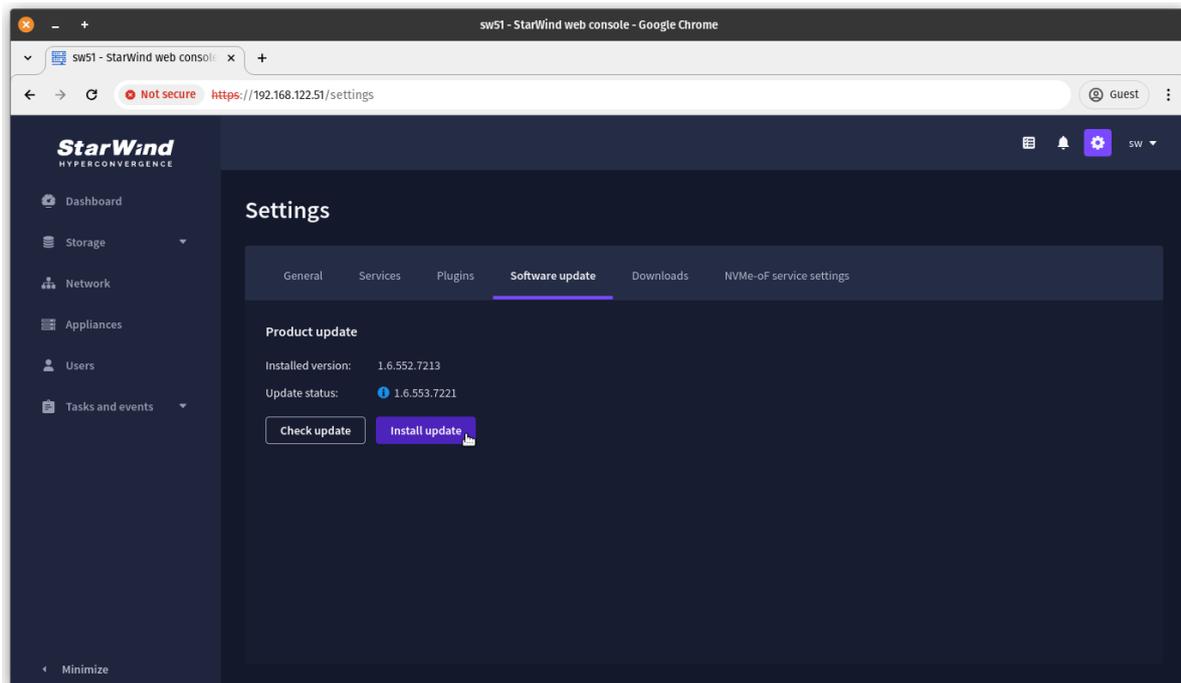
2. Navigate to the **Software Update**.



3. Click the **Check update** If a newer version of StarWind Virtual SAN CVM is available, it will be listed on the page.



**4. Click Install update.**



**5.** Wait for the update to complete. **6.** Log back into the web console to start using the updated version of the product **7.** Check that all StarWind devices have the Synchronized status on all nodes **8.** Make sure that shared storage (Microsoft Cluster shared volumes, VMware Datastores, Proxmox Shared LVM) **on each host has active paths from all StarWind nodes. Optional step:** Confirm that the rescan script works without errors (for ESXi-based setups) by running it from the command line:  
/opt/starwind/starwind-virtual-san/drive\_c/starwind/hba\_rescan.py

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