

# How to extend Image File or High Availability device

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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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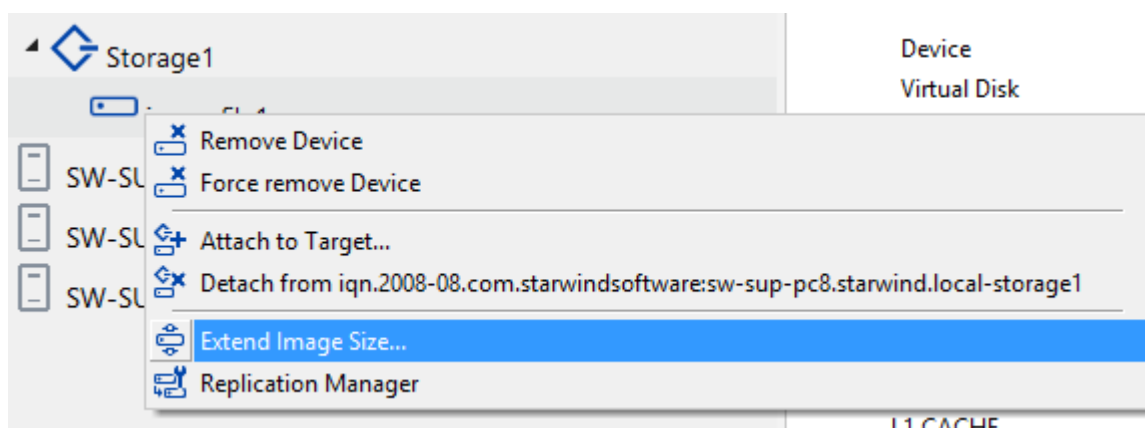
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## Symptoms

StarWind image file is out of space or might be out of space in the nearest future.

## Steps

In StarWind Management Console right-click on the device that should be modified and choose Extending Size of HA ([High availability](#)) Device/Image File Size.



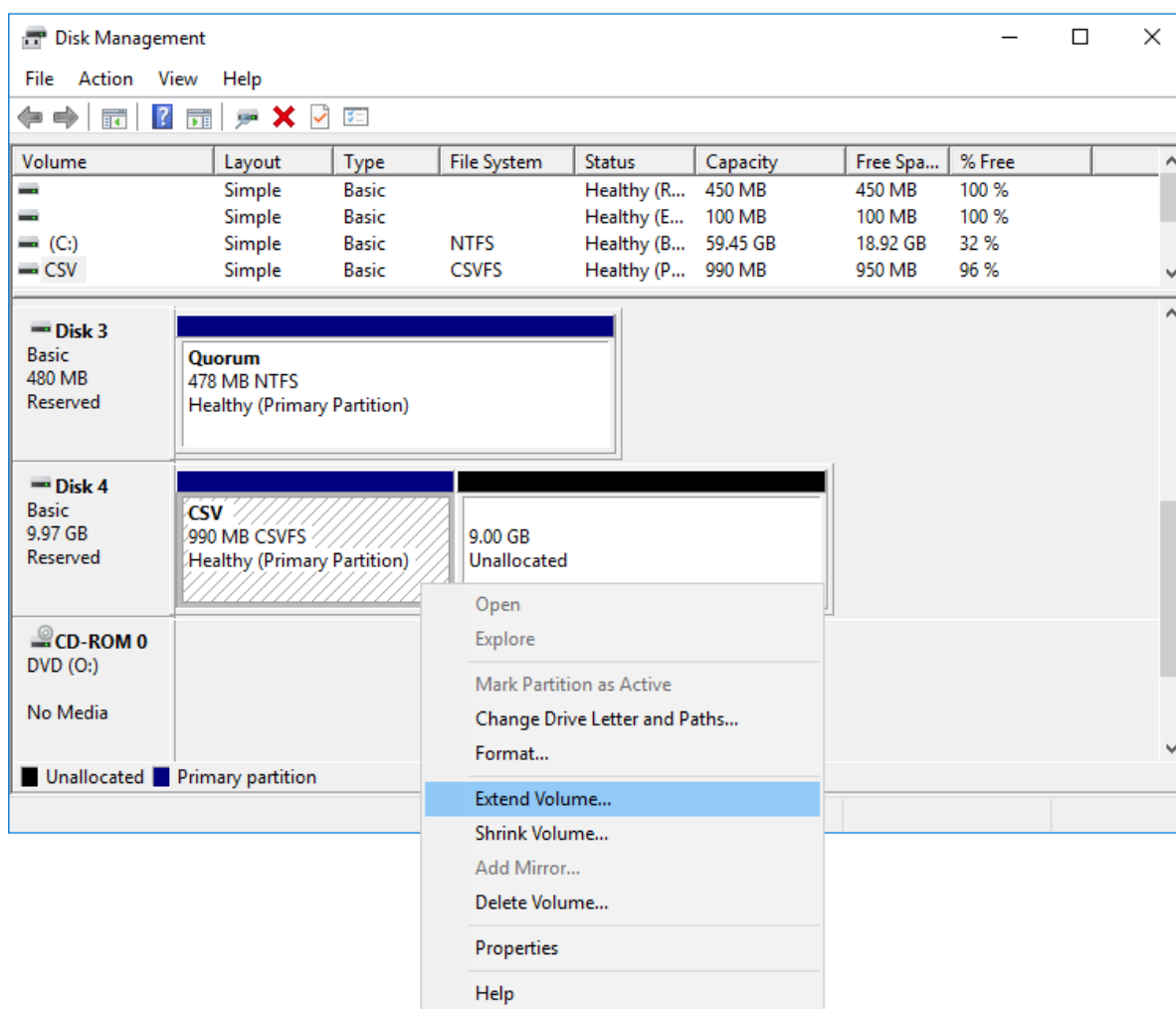
Then specify disk space that you want to add and click "Finish" button.

Alternatively, you can use the PowerShell script to extend HA device. The script example is available in the StarWind installation folder. Default location is "C:\Program Files\StarWind Software\StarWind\StarWindX\Samples\powershell\ExtendDevice.ps1"

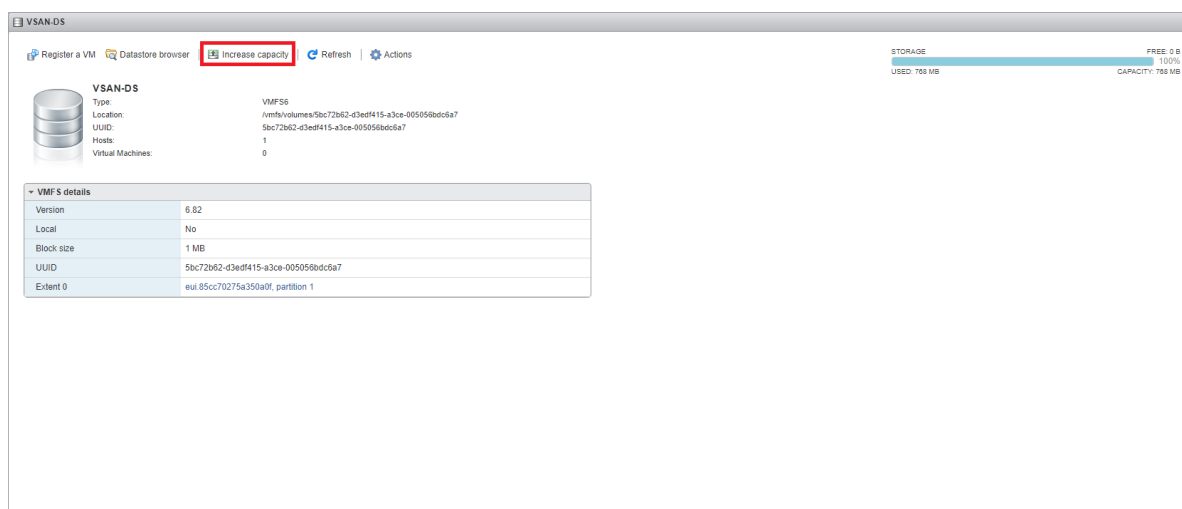
*Note: HA/standalone device can be extended, but cannot be shrunk. Works for version 6 and newer.*

But it is not enough to get an extra space for NTFS/VMFS partition, since StarWind image file just emulates physical drive and now it got bigger, therefore partition on top of image file can be extended as well.

NTFS (CSV) can be extended via Disk Management Console on a live production server with no downtime. **This operation should be performed from the owner of the CSV.**










VMFS can be extended on the same fashion. Click on Properties button will open the following window. Click on Increase button and follow the wizard.



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## 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](mailto:sales@starwind.com)

General Information: [info@starwind.com](mailto:info@starwind.com)



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