

Why enabling Jumbo Frames (MTU) on switch is so important

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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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Symptoms

Most common symptom is SAN freezing. You will definitely notice if that happens :)

Rare Symptoms Are:

1. Storage performance degradation (XXXXms) messages in StarWind and Windows Application logs.
2. Storage becomes unreachable due to freezes and performance degradation.
3. Synchronization might get lopped (more information about that can be found here: <http://knowledgebase.starwindsoftware.com/explanation/synchronization-process-is-looped/>)








Solution

Enable Jumbo Frames (MTU) of switch and check that it is enabled on all network interfaces that are presented to [StarWind](#).

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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