

# SFA OS<sup>™</sup>

## Declustered RAID Requires 4K Native Sector Drives

---

**ALERT!** Do **NOT** use drives with **512-byte native (512n) sectors** in SFA storage arrays running SFA OS with declustered RAID. Attempts to do will have unpredictable results.

---

### Statement of Support

DDN's declustered RAID technology was designed from the ground up to optimize rebuild performance in very large data stores. One of the design choices made toward that end was the exclusive use of drives with a native 4K (4Kn) sector size. This choice affects coding decisions made throughout the SFA RAID engine and is not easily changed. DDN has no plans to retrofit declustered RAID to the 512-byte native (512n) sector format.

### Affected Products

SFA OS versions 11.x and higher implement the new declustered RAID technology and therefore do not support 512n drives.

### Contacting DDN Technical Support

Please contact DDN Technical Support at any time if you have questions or require assistance. Support can be reached by phone, by email, or on the web as listed below.

#### Web

*DDN Community Support Portal*  
*Portal Assistance*

<https://community.ddn.com/login>  
[webportal.support@ddn.com](mailto:webportal.support@ddn.com)

**Telephone**

*DDN Support Worldwide Directory*

<http://www.ddn.com/support/contact-support>

**Email**

*Support Email*

[support@ddn.com](mailto:support@ddn.com)

**Bulletins**

*Support Bulletins*

<http://www.ddn.com/support/technical-support-bulletins>

*End-of-Life Notices*

<http://www.ddn.com/support/end-of-life-notices>

*Bulletin Subscription Requests*

[support-tsb@ddn.com](mailto:support-tsb@ddn.com)