

# SECURITY ALERT

## Meltdown and Spectre Workarounds Will Not Be Retrofitted to Most DDN Legacy Products

### Issue Summary

Security vulnerabilities in the design of Intel, AMD, ARM, IBM Power, and Oracle Sparcv9 processors have recently been publicized in the trade press under the names “Meltdown” (CVE-2017-5754) and “Spectre” (CVE-2017-5753, CVE-2017-5715). These are side channel attacks that take advantage of speculative execution, a common technique used in processors to speed process execution. Meltdown and Spectre allow malicious code to observe the timing of speculative code executions in order to uncover information that it would not normally be authorized to access.

These vulnerabilities are difficult to exploit. Moreover, the impact if an exploit is successful is considered moderate. Unauthorized access to data is possible, but not unauthorized data changes or other actions that might put data at risk.

Consequently, DDN has made the business decision that most DDN-branded products for which end of sale has been announced, as well as certain other products, will not be retrofitted with any future workarounds or fixes for the Meltdown and Spectre security vulnerabilities.

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**ALERT!** Customers should **NOT** attempt to patch their DDN storage systems or software for Meltdown or Spectre on their own. DDN cannot guarantee its products will function if a user patch is attempted.

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## Products Affected

The following DDN hardware and software products will not be retrofitted with a workaround or fix for Meltdown or Spectre.

### *SFA Storage Array Family*

- SFA10K and SFA10KE
- S2A6620

### *S2A Storage Array Family*

- Entire S2A storage array family (S2A9900, S2A9700, S2A9550, S2A9500, and prior generations)

### *WOS Object Storage Family*

- WOS6000
- WOS1600

### *EF Series Metadata Servers*

- EF3015
- EF3010
- EF2915

### *HSM Tape Library*

- StrongBox

### *File System Software Solutions*

- hScaler
- NAS Scaler
- xSTREAMScaler

### *Storage Management and Integration Software*

- DirectMon
- DDN DataMigrator
- GRID-NAS (CIFS/NFS Gateway, NAS Access)
- GRIDScaler WOS Bridge
- WOS ArchiveDirector
- WOS Access CIFS/NFS

## More Information

DDN's general statement of direction concerning the Meltdown and Spectre security vulnerabilities can be found in [Technical Support Bulletin SPT-TSB-0088](#) on the DDN web site.

## 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*

*End-of-Life Notices*

*Bulletin Subscription Requests*

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

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

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