

DataDirectTM

NETWORKS



SFA OS

Mandatory Upgrades Fix Shellshock Bug

Technical Support Bulletin

Revision A2

10 October 2014

1.0 Issue Overview

1.1 Security Issue

The [NIST National Vulnerability Center](#) recently published information about a security vulnerability in the GNU Bourne Again Shell (BASH). Dubbed “Shellshock,” this bug exploits the BASH shell in Linux installations and can be used by hackers to take control of systems remotely. Most DDN products, but not all, are exposed to this vulnerability.

1.2 Affected Systems

The following DDN products **are** affected by the Shellshock BASH bug:

- SFA OS and the storage appliances that run it (S2A6620, SFA7700, SFA10K, SFA12K)
- WOS Core and the storage appliances that run it (WOS1600, WOS6000, WOS7000)
- EXAScaler, GRIDScaler, WOS Access/S3, GRIDScaler-WOS Bridge, and DirectMon

The following DDN products **are not** affected by Shellshock:

- S2A DirectOS and the storage appliances than run it (S2A9900, S2A9700, S2A9550)
- NAS Access (GRID NAS)
- EF3015 servers (DotHill)

DDN resells or sources certain network products and components from Brocade, Mellanox, and Dell. Some of these products may be affected by the Shellshock bug. Customers should contact these manufacturers directly to obtain the most current information about potential vulnerabilities and available patches or firmware upgrades.

1.3 Statement of Direction

DDN is addressing the Shellshock bug throughout its current product lineup with a combination of new product releases and patches to recently installed software or firmware. All fixes are slated for general availability early in the third quarter of 2014.

2.0 Resolution for SFA OS Platforms

The following new releases of SFA OS address the Shellshock bug:

- **SFA OS 2.2.1.3** — for SFA7700, SFA10K/10KE, and SFA12K/12KE platforms
(available now)
- **SFA OS 1.5.6** — for S2A6620 platforms *(available the week of 12 October 2014)*

ALERT SFA OS 2.2.1.3 and SFA OS 1.5.6 are **MANDATORY UPGRADES** for their respective hardware platforms.

3.0 Contacting DDN Technical Support

Download instructions and upgrade guidance for SFA OS 2.2.1.3 and SFA OS 1.5.6 are available from DDN Technical Support. Support can be reached at any time by phone, by email, or on the web.

Telephone

DDN Support Worldwide Directory <http://www.ddn.com/support/contact-support>

Email

Support Email support@ddn.com

Web

Support Portal <https://portal.ddnsupport.com>

Portal Assistance webportal.support@ddn.com

Bulletins

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

Bulletin Subscription Requests support-tsb@ddn.com