

# DataDirect<sup>TM</sup>

## NETWORKS



**EXAScaler<sup>TM</sup>**  
**GRIDScaler<sup>TM</sup>**  
**NAS Scaler**  
**DirectMon<sup>®</sup>**

**Scaler Solution and Software Patches  
Address GHOST Security Issue**

**Technical Support Bulletin**

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## 1.0 Issue Overview

### 1.1 Security Issue

The U.S. Computer Emergency Readiness Team (US-CERT) recently published information about a security vulnerability in a commonly used open-source software library. Nicknamed “GHOST”, this vulnerability lets attackers take remote control of a system by exploiting the `gethostbyname` function in the GNU C library for Linux and other Unix operating systems. More information about this vulnerability can be found in the [NIST National Vulnerability Database](#).

### 1.2 Affected Systems

The following DDN products are affected by the GHOST security vulnerability:

- SFA™ OS and the storage platforms that run it (S2A6620, SFA7700, SFA10K®, SFA12K®)
- WOS® Core and the storage platforms that run it (WOS1600, WOS6000, WOS7000)
- EXAScaler™, GRIDScaler™, NAS Scaler, WOS Access, WOS Access S3, and WOS Cloud
- DirectMon®

### 1.3 File System Solution and Software Patches Available

Patches that eliminate the GHOST security vulnerability are available now for EXAScaler, GRIDScaler, and DirectMon. A resolution for NAS Scaler is also available on request.

Resolutions for all affected DDN products will be available by the end of the first quarter of 2015.

## 2.0 Resolutions for DDN File System Solutions

### 2.1 EXAScaler

EXAScaler is DDN's clustered storage solution for high-performance computing (HPC), incorporating the open-source Lustre® file system and DDN's SFA storage hardware. EXAScaler versions 1.6.2 through 2.1.1 are subject to the GHOST security vulnerability. A patch that eliminates the vulnerability is available now from [DDN Technical Support](#).

EXAScaler 2.1.2 will incorporate a resolution for GHOST in the first quarter of 2015.

### 2.2 GRIDScaler

GRIDScaler is DDN's parallel storage solution for high-performance, data-intensive enterprise applications, integrating the IBM® GPFS™ file system with DDN's SFA storage hardware. GRIDScaler version 1.6.1 and higher are affected by GHOST. A patch that eliminates the vulnerability is available now from [DDN Technical Support](#).

## 2.3 NAS Scaler

NAS Scaler, DDN's shared storage solution for large networks based on the Symantec® FileStore file system, is no longer sold. However, customers with support contracts continue to be supported by DDN for their hardware and Linux environment. DDN encourages NAS Scaler customers concerned about the GHOST vulnerability to contact [DDN Technical Support](#) for assistance.

## 3.0 Resolutions for DirectMon Storage Management

DirectMon is DDN's "single-pane-of-glass" storage monitoring solution for DDN storage products. All versions of DirectMon are subject to the GHOST security vulnerability.

DirectMon 2.2.1 will incorporate a resolution for GHOST in the first quarter of 2015.

A patch that eliminates the GHOST security vulnerability is available now for DirectMon versions 2.0.0 through 2.2.0. Customers running these versions of DirectMon should contact [DDN Technical Support](#) for assistance applying the patch.

Customers running DirectMon 1.x should first upgrade to DirectMon 2.2.0. Then contact [DDN Technical Support](#) for assistance applying the patch.

## 4.0 Contacting DDN Technical Support

Please feel free to contact DDN Technical Support for download directions and installation guidance concerning GHOST upgrades and patches for EXAScaler, GRIDScaler, NAS Scaler, and DirectMon. 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](mailto:support@ddn.com)

### Web

*Support Portal* <https://portal.ddnsupport.com>  
*Portal Assistance* [webportal.support@ddn.com](mailto:webportal.support@ddn.com)

### Bulletins

*Support Bulletins* <http://www.ddn.com/support/technical-support-bulletins>  
*Bulletin Subscription Requests* [support-tsb@ddn.com](mailto:support-tsb@ddn.com)