

# SnapServer GuardianOS Version 7.6.123 Release Announcement

January 2015

## Preface

This Product Information Bulletin announces the release of GuardianOS® Version 7.6.123 for selected SnapServer® systems.

## Models Affected

GuardianOS Version 7.6.123 supports the new SnapServer XSR Series™ appliances (XSD 40, XSR 40, and XSR 120), the SnapExpansion XSR™, the SnapServer DX Series™ appliances (DX1 and DX2), and the SnapExpansion DX. This version of GuardianOS is only supported as an upgrade for SnapServer DX1 or DX2 appliances running GuardianOS 7.2.130 or later. For servers running older versions of GuardianOS, upgrade to GuardianOS 7.2.132 first. Do NOT attempt to upgrade to 7.2.130!

## Upgrade Considerations

When upgrading to GuardianOS 7.6.123, there are a few factors to consider before performing the upgrade:

- Backup the system prior to any GuardianOS upgrade.
- Reboot the system prior to any GuardianOS upgrade.
- After upgrading, it is recommended that a disaster recovery image be created to ensure the recovery of the system should a hardware failure occur.
- For servers running older versions of GuardianOS, upgrade to GuardianOS 7.2.132 first. Do NOT attempt to upgrade to 7.2.130!

## Downgrades are Not Supported

As with all previous GuardianOS releases downgrades are not supported.

## GuardianOS 7.6.123 Changes and Enhancements

This release upgrades critical software components and includes the following new features:

- **Network Monitor** – Added a new performance monitor that graphs throughput data for all active network interfaces and includes the ability to save data enabling the user to review network performance information going back several weeks or months.

- **RDX+** – Added support for the USB 3.0-powered RDX+ QuikStor with drive capacities greater than 2 TB.
- **CA Antivirus** is no longer available for new installs (still available on servers upgraded from earlier releases).
- **SSLv3** is no longer supported for HTTPS connections. TLS 1.0, 1.1, or 1.2 are now required. Most web browsers should work transparently.

## Previous GuardianOS 7.6 Changes and Enhancements

The previous release upgraded critical software components and included several new features:

- **Configuration** – Improvements to address rare configuration file corruption issues.
- **RDX** – Fixed an issue where an RDX data copy of large data sets may time out before completion.
- **Email Notification** – Corrected email notification event handling that was sending RAID sync alerts for normal background RAID scans.
- **Fan Control** – Corrected periodic random fan cycling on the XSR 120.
- **Shellshock Remediation** – Version 7.2.132 of GuardianOS provides fixes to a bash code injection vulnerability (also known as “Shellshock”) via specially crafted environment variables (CVE-2014-6271, CVE-2014-6277, CVE-2014-6278, CVE-2014-7169, CVE-2014-7186, CVE-2014-7187).
- **New SnapServer XSR Series** – GuardianOS adds full support for the new rack-mounted appliances XSR 40 (1U server), XSR 120 (2U server) and SnapExpansion XSR (2U expansion unit).
- **BitTorrent Sync** – With version 7.2.071, GuardianOS now supports BitTorrent Sync version 1.3.109.
- **New SnapServer XSD 40** – GuardianOS provides full support for the new XSD 40 desktop SnapServer.
- **RDX Support** – Basic support for RDX QuikStor devices is new in GuardianOS 7.6. This includes support for both NTFS and XFS formatted media. Also included is media management and copying files to and from the RDX.

## Third Party Product Support

**NOTE:** Refer to the [Compatibility Guide on the Overland Storage Support website](#) for a list of compatible operating systems, software and hardware.

- **Windows Hardware Certification** - Microsoft Windows Hardware Certification has been completed for the following iSCSI targets:
  - Windows Server 2012
  - Windows Server 2008 R2 x64
  - Windows Server 2008 x64 & x86
  - Windows Server 2003 R2 x64 & x86
- **Third Party Backup Products** - The following third party backup agents have been qualified with GuardianOS 7.6:
  - Symantec Backup Exec 2010R3, 2012
  - Symantec NetBackup 7.5
  - CA ARCserve 11.5, 12.0
  - EMC Networker 7.3, 7.4

- **VMware iSCSI and NFS Certification** - VMware ESXi 5.1 certification for iSCSI (software initiators) has been completed. You can see a complete listing of the certification testing completed on the VMware Compatibility Guide web page.
- **Citrix iSCSI and NFS Certification** - Citrix XenCert 6.0.2 storage hardware certification.

## Downloads

GuardianOS 7.6.123 is available for download for supported SnapServer users with active software entitlement agreements from the Overland NAS support website:

<http://docs.overlandstorage.com/snapserver>

Additional documentation on how to operate, configure, and support your SnapServer is also available on this site.