

# DL4300 Backup and Recovery Appliance

Powered by Rapid Recovery

## FAST, EFFECTIVE RECOVERY FOR YOUR DATA

The DL4300 Backup and Recovery Appliance, powered by Rapid Recovery, offers you a smart way to protect data and applications in your growing environment, as well as the peace of mind that comes with knowing you can get back to business as usual in minutes, not hours or days.

The DL4300 helps safeguard the physical and virtual servers that power your business. Powered by Rapid Recovery backup and recovery software, the DL4300 is a fully configured, 2U backup appliance. The DL4300 is offered in two editions: Standard and High Capacity editions. The Standard edition offers 5TB to 60TB of storage capacity. The 5TB, 10TB, 30TB and 50TB models allow optional capacity upgrades inside the enclosure.

All Standard edition DL4300 models support capacity expansion with up to four expansion shelves. The DL4300 High Capacity version will offer 40TB to 120TB of capacity, with the 40TB model providing capacity expansion inside the enclosure. All other High Capacity editions use PowerVault MD1400 expansion shelves.

The DL4300 offers turn-key, highly scalable data protection and recovery for mission-critical applications, coupled with world-class 1-, 3- or 5-year support options. In addition, ProSupport replacement options are available for the appliance for rapid, two-hour, on-site replacement by the next business day.

Also, up to four, fully-licensed Hyper-V virtual standby machines are included at no additional cost.

Another key DL4300 enhancement includes Rapid Appliance Self Recovery (RASR), which offers the ability to either create a defined restore point for the appliance, or recover the appliance back to factory settings. Other key features include: Dual SD cards for increased appliance redundancy in restore; New diagnostic tools, such as the Windows Snipping tool; Enhanced support tools to collect hardware, storage and operating system information; And a single management tab within the appliance to manage standby VMs.

## DESIGNED FOR BUSINESS RESILIENCY

The DL4300 appliance, designed for business resiliency, offers you the benefit of integrated, leading-edge technologies included in Rapid Recovery software. Features of Rapid Recovery include:

- **Live Recovery™:** Leverage near-instant recovery technology for protected virtual machines or servers. Access the impacted server's application and data directly from the backup image if there's an outage, so users remain productive and your IT team will meet stringent RTOs and RPOs.
- **Verified Recovery:** Perform automated recovery testing and verification of backups for Microsoft Exchange and SQL Server. Identify data corruption early and prevent maintenance or transfer of corrupted data blocks during the backup process.
- **Universal Recovery:** Restore backups from physical to virtual, virtual to virtual, virtual to physical, or physical to cloud, as well as carry out bare metal restores to dissimilar hardware.

## BENEFITS:

- Streamlines and accelerates your backup operations, helping to eliminate your backup window
- Meets aggressive SLAs with turn-key, highly-scalable backup, recovery and high availability
- Reduces backup footprint with integrated, in-line, block-level deduplication and compression, combined with optimized backups for WAN replication
- Gives you granular recovery with the ability to take snapshots as often as every five minutes
- Enhances business resiliency by maintaining standby virtual machines to quickly restore critical servers
- Eliminates the need for hardware sizing, backup software configuration and system testing
- Simplifies management with the Rapid Recovery Central Management Console
- Eases VM management with a single, integrated management pane of virtual standby VMs
- Deploys quickly with the Rapid Recovery Appliance Configuration Wizard

Feature	DL4300 Backup and Recovery Appliance
Processors	Standard edition: Two Intel Xeon E5-2640v4 2.4GHz 10C/20T High-capacity edition: Two Intel Xeon E5-2650 v4 2.2GHz 12C/24T
Hard drives (internal)	2x 300GB SAS drives for OS (2.5", 10K, 6Gbps) RAID 1  <b>Sixteen Hard Drives:</b> <ul style="list-style-type: none"> <li>• Standard 5TB Edition: 12 x 1TB NL SAS Hot Swappable drives, 4 x 1TB NL SAS Internal drives RAID 6</li> <li>• Standard 10-20TB Edition: 12 x 2TB NL SAS Hot Swappable drives, 4 x 2TB NL SAS Internal drives RAID 6</li> <li>• Standard 30-40TB Edition: 12 x 4TB NL SAS Hot Swappable drives, 4 x 4TB NL SAS Internal drives RAID 6</li> <li>• Standard 50-60TB Edition: 12 x 6TB NL SAS Hot Swappable drives, 4 x 6TB NL SAS Internal drives. RAID 6</li> <li>• High Capacity Edition: 12 x 6TB NL SAS Hot Swappable drives, 4 x 6TB NL SAS Internal drives. RAID 6</li> </ul>
Hard drives (external)	Up to four MD1400, PERC 830 RAID controller, NL SAS , 1TB, 2TB, 4TB, 6TB
Memory	High-capacity edition: 256GB RDIMM Standard edition: 64GB or 128GB RDIMM
Operating system	Microsoft® Windows Server® 2012, Standard R2 (factory installed). Licensed for 2 Standby VMs for Standard Edition, and 4 Standby VMs for High Capacity Edition.
Management	DL Appliance Configuration Wizard IDRAC8 Enterprise Rapid Recovery Central Management Console Rapid Appliance Self Recovery Tool (RASR) VM Management Console Data Protection Portal
Dimensions	DL4300 base unit: H: 8.73 cm (3.44 in.) x W: 44.40 cm (17.49 in.) x D: 68.40 cm (26.92 in.) PowerVault MD1400 expansion shelf: H: 8.7 cm (3.39"); W:48.2 cm (18.8"); D: 54.1 cm (21.3")
Weight	40.96 lb. (18.6 kg) maximum
Rack support	ReadyRails™ II sliding rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooling mounting in 4-post threaded hole racks with support for optional tool-less cable management arm  ReadyRails™ static rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooling mounting in 4-post threaded and 2-post (Telco) racks
Network connectivity	<b>Standard:</b> <ul style="list-style-type: none"> <li>• 4x1Gb Network Adapter</li> <li>• Either 2x10Gb Base-T Network Adapter or 4x1Gb Network Adapter or 2x10Gb DA/SFP+ Network Adapter</li> </ul> <b>High-Capacity:</b> <ul style="list-style-type: none"> <li>• 2x10Gb DA/SFP+ + 2x1Gb BT Network Adapter</li> <li>• Either 2x10Gb Base-T Network Adapter or 4x1Gb Network Adapter or 2x10Gb DA/SFP+ Network Adapter</li> </ul>
Host bus adapter (HBA)	QLogic QLE 2562, driver 9.1.11.28 or later Emulex LPE 12002; driver 2.72.205.4
Maximum physical capacity	120TB using up to four MD1400 expansion shelves or attached FC SAN* <i>*For supported SAN configurations please see the DL4300 Interoperability Guide.</i>
Power	Dual redundant, Hot Swappable, Auto-ranging, Platinum efficiency 1100W
Backup and recovery software licensing	The DL4300 provides flexible licensing options to allow for agent based licensing as well as the back-end compressed and deduplicated stored data capacity.  <b>Capacity Licensing:</b> <ul style="list-style-type: none"> <li>• Standard: 5TB - 60TB</li> <li>• High-Capacity: 40TB - 120TB</li> </ul>

Feature	DL4300 Backup and Recovery Appliance
Data protection software	Rapid Recovery 6.1 software comes factory installed, and future upgrades are quick and easy.
Backup and Recovery Agents (Supported Operating Systems)	<p>The Rapid Recovery Agent software supports 32-bit and 64-bit Windows and Linux operating systems including the following:</p> <ul style="list-style-type: none"> <li>• Microsoft Windows 7 SP1, 8, 8.1*, 10</li> <li>• Microsoft Windows Server 2008 R2 SP1, 2012, 2012 R2*, 2016 (except Core editions)</li> <li>• Red Hat Enterprise Linux (RHEL) 6.3, 6.4, 6.5, 6.6, 6.7, 7.0, 7.1</li> <li>• CentOS Linux 6.3, 6.4, 6.5, 6.6, 6.7, 7.0, 7.1</li> <li>• Oracle Linux 6.3, 6.4, 6.5, 6.6, 6.7, 7.0, 7.1</li> <li>• Ubuntu Linux 12.04 LTS, 12.10, 13.04, 13.10, 14.04 LTS, 15.04, 15.10</li> <li>• SUSE Linux Enterprise Server (SLES) 11 (SP2 and later), 12</li> <li>• Debian Linux 6, 7</li> <li>• Windows Server 2016</li> <li>• Oracle Linux 6.8 and 7.2</li> <li>• Ubuntu 16.04 and 16.10</li> </ul> <p>Note: Windows operating systems require Microsoft.NET framework version 4.5.2 to run the Rapid Recovery Agent service. Operating systems marked with * above also require the ASP .NET 4.5.x role/feature, which is installed automatically if required.</p>
Hypervisor support (Export and Virtual Standby)	<p>VMware: Workstation 7.0, 8.0, 9.0, 10, 11, vSphere/ESX(i) 4.0, 4.1, 5.0, 5.1, 5.5, 6.0, 6.5</p> <p>Microsoft Hyper-V: Microsoft Windows 8, 8.1, 10, and Microsoft Server 2008 SP2, 2008 R2 SP1, 2012, 2012 R2, 2016</p>
Supported applications	<p><b>Microsoft Exchange</b> (Verified Recovery not included):</p> <ul style="list-style-type: none"> <li>• Microsoft Exchange 2007 SP1 Rollup 5 or later</li> <li>• Microsoft Exchange 2010</li> <li>• Microsoft Exchange 2013</li> </ul> <p><b>Microsoft SQL Server</b></p> <ul style="list-style-type: none"> <li>• SQL Server 2005 or higher</li> </ul>

The DL4300 is a tightly integrated solution that is quickly deployed and managed easily to protect applications and data in your environment, so you can reduce the guesswork and time needed to protect your data.

#### LIFECYCLE SOLUTION SUPPORT

Rapid Recovery support is available for the software on the DL4300. Our global team of industry-certified backup and recovery support engineers provides you with comprehensive support coverage utilizing in-depth domain knowledge and expertise to maximize uptime and IT investment. Remote installation services are also available to configure and validate key elements of the solution to ensure optimal operational performance.

#### ABOUT QUEST

Quest helps our customers reduce tedious administration tasks so they can focus on the innovation necessary for their businesses to grow. Quest® solutions are scalable, affordable and simple-to-use, and they deliver unmatched efficiency and productivity. Combined with Quest's invitation to the global community to be a part of its innovation, as well as our firm commitment to ensuring customer satisfaction, Quest will continue to accelerate the delivery of the most comprehensive solutions for Azure cloud management, SaaS, security, workforce mobility and data-driven insight.