DELL EMC POWERPROTECT DP SERIES APPLIANCE

Simply, efficient and agile data protection - Guaranteed.

Simple
- Integrated protection storage and software
- Easy to deploy, scale and manage via single pane of glass across broad application ecosystem
- Save time with single vendor solution for data in hybrid multi-cloud, edge and core

Efficient
- Improved compression with higher performance – up to 65x deduplication and up to 30% higher data compression¹
- Improve SLOs – up to 38% faster backup and up to 45% faster restores²
- NVME flash for faster instant access and restore up to 60K IOPS and 64 VMs³
- Protection for modern applications and optimized for VMware virtual environments
- VMware File-level Recovery, dynamic policies for VMs, application-consistent VM image backups
- Automated monitoring, analytics, reporting, plus search capabilities

Agile
- Extends data protection to private and public clouds with Cloud Tier for LTR and Cloud DR — with no additional hardware
- Reduces costs for LTR capacity management with space estimator tool

Data protection is becoming more complex
Organizations need to efficiently protect an ever-increasing amount of data in a growing distributed ecosystem of applications and workloads — all while improving time-to-value, reducing overall cost and complexity, and planning for growth. Organizations also need to seamlessly incorporate cloud into data protection strategies.

This is not easy to accomplish with many of today’s data protection solutions which sacrifice performance for simplicity or require multiple products and vendors—resulting in lengthy and time-consuming deployment while delivering complex and expensive management of fragmented data protection environments.

PowerProtect DP series appliance: Simple, efficient and agile data protection

The DP series is an all-in-one backup appliance that reduces the complexity of managing multiple data silos, point solutions and vendor relationships. The DP series simplifies deployment and management—while delivering powerful, enterprise-grade data protection capabilities for small, mid-size and enterprise organizations at a low cost-to-protect⁴. It is an integrated solution that offers complete backup, replication, recovery, deduplication, instant access and restore, search & analytics, seamless VMware integration — plus, cloud readiness with disaster recovery (DR) and long-term retention (LTR) to the cloud — all in a single appliance.

With the DP series, customers reduce their time-to-protect and become more agile with a solution that’s fast, protected more efficiently, can be recovered quickly and is reliable.

Simple to deploy, scale and manage

The DP series enables organizations to protect the largest ecosystem of applications quickly with a single system management console, consolidating workload protection, and eliminating infrastructure or data sprawl. The easy-to-use System Manager simplifies backups and automates daily tasks, including monitoring, management, reporting, analytics and search.

The DP series delivers all-in-one data protection: protection storage and software, search and advanced monitoring and analytics,
Density and performance

• Up to 3 PB (usable), 195 PB (logical) capacity with cloud tier7
• Up to 60K IOPS for instant access and restore for up to 64 VMs3

Industry-leading efficiency

• Up to 65:1 data deduplication1
• Up to 23% lower power consumption5

Enterprise applications

• Oracle, SAP, Microsoft Exchange, SharePoint, MS SQL Server, Sybase, MySQL, MongoDB, Pivotal Greenplum, IBM DB2, Lotus Notes, and more
• Hypervisors supported: VMware, Microsoft Hyper-V, and KVM
• All major file systems, including Windows, Linux, HP-UX, AIX, Solaris, Mac OS and more

Native Cloud-Tier

• Public, private, or hybrid
• Supported cloud providers include: Amazon Web Services, Dell EMC Elastic Cloud Storage, Microsoft Azure, VMware, IBM Cloud Object Storage, Google Cloud Platform, Alibaba Cloud and Ceph

Native Cloud Disaster Recovery

• Orchestrated via AWS, Microsoft Azure, or VMware Cloud on AWS

Future-Proof Program

• Peace-of-mind with 3-year satisfaction guarantee, clear price support, refresh & recycle, flexible cloud consumption and up to 65:1 deduplication1

Dell Technologies On Demand

• Pay as you go – Make predictable payments over an agreed upon cycle – and grow over time at a pre-determined rate
• Pay as you use – Measure actual usage, set baseline capacity needs with the flexibility to elastically scale on demand
• Provided as-a-Service – Let us manage and maintain the technology, aligned to SLAs, and bill as resources are consumed

PowerProtect DP series appliances

<table>
<thead>
<tr>
<th></th>
<th>DP4400</th>
<th>DP5800</th>
<th>DP8400</th>
<th>DP8900</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BACKUP INGEST</strong></td>
<td>Up to 9 TB/hr</td>
<td>Up to 33 TB/hr</td>
<td>Up to 57 TB/hr</td>
<td>Up to 94 TB/hr</td>
</tr>
<tr>
<td><strong>LOGICAL CAPACITY</strong></td>
<td>80 TB to 4.8 PB1</td>
<td>240 TB to 14.4 PB2</td>
<td>960 TB to 18.7 PB1</td>
<td>1.9 to 49.9 PB1</td>
</tr>
<tr>
<td></td>
<td>2.8 to 56.1 PB1</td>
<td>5.7 to 148.7 PB1</td>
<td>6.2 to 65 PB1</td>
<td>18.6 to 195 PB1</td>
</tr>
<tr>
<td><strong>USABLE CAPACITY</strong></td>
<td>8 to 96 TB1,4</td>
<td>Up to 288 TB1</td>
<td>96 to 884 TB1</td>
<td>192 to 756 TB1</td>
</tr>
<tr>
<td></td>
<td>Up to 23 PB1</td>
<td>Up to 3 PB1</td>
<td>576 TB to 1 PB1</td>
<td>Up to 3 PB1</td>
</tr>
</tbody>
</table>

1. Total capacity on active for only 2. Total capacity with cloud tier for long-term retention.
3. Logical capacity based on test for DD9900 to test its compression (DP89000 vs. DP8800), measured in test for DP89000 vs. DP8800, April 2020. Actual results will vary.
4. Total capacity with cloud tier for long-term retention.
5. Based on Dell EMC analysis comparing DP8900 vs. DP8800 max configurations recording kVA, August 2020. Actual results will vary.
6. Dell Technologies Information Technology Equipment is compliant with all currently applicable regulatory requirements for Electromagnetic Compatibility, Product Safety, and Environmental Regulations where placed on market. Regulatory information and verification of compliance is available at Dell Regulatory Compliance site http://dell.com/regulatory_compliance

Dell Technologies On Demand delivers a range of inclusive consumption models for IDPA appliances that combine flexible payment solutions with value-added services. Our innovative, all-encompassing solutions enable you to:

• Pay as you go – Make predictable payments over an agreed upon cycle – and grow over time at a pre-determined rate
• Pay as you use – Measure actual usage, set baseline capacity needs with the flexibility to elastically scale on demand
• Provided as-a-Service – Let us manage and maintain the technology, aligned to SLAs, and bill as resources are consumed

1. Based on Dell EMC analysis of field telemetry from PowerProtect DC series appliances, October 2020. Results applied to PowerProtect DD and DP series appliances. Results will vary. Based on Future-Proof Program data protection deduplication guarantee.
2. Based on Dell EMC internal testing with DD Boost protocol on DD9900 and DP9900 with DDOS 7.2 vs. DD9800 and DP8800 with DDOS 7.2, April 2020. Actual results will vary.
4. Total capacity with cloud tier for long-term retention.