

DELL EMC INTEGRATED DATA PROTECTION APPLIANCE (IDPA) DP4400

Simply powerful data protection at a low cost-to-protect.¹ Guaranteed.

Simple

- **Management:** Automate daily tasks, integration with native management tools
- **Deployment & Upgrade:** Customer installable and upgradeable 2U appliance
- **Grow-in-place and to the cloud:** Grow in place from 8TB to 96TB with simple license keys; extensible to the cloud with no additional hardware⁴

Powerful

- **Efficient cloud:** Cloud Tier for long-term retention to the cloud and Cloud Disaster Recovery with full orchestration
- **Comprehensive coverage:** Wide application ecosystem support
- **VMware-Optimized:** Cost-effective to scale to more VMs, seamless integration with VMware environments
- **High-Performance:** Up to 55:1 dedup, plus fast backups and restores²

Future-Proof Program

- 3-year satisfaction guarantee, clear price support, refresh & recycle, flexible cloud consumption and up to 55:1 deduplication

Dell Technologies On Demand

- Flexible payment options including pay as you go, pay as you use, and provided as-a-Service options

The IDPA DP4400 is an all-in-one data protection solution that is the perfect mix of simplicity and power for small and mid-size organizations as well as enterprise remote office or branch office (ROBO) environments – delivering a low cost-to-protect¹ and is guaranteed under the Future-Proof Program.

The power of Dell EMC data protection-now for small and mid-size organizations and ROBO

Organizations today, especially small and mid-size organizations, are faced with increased complexity – data growth, application diversity, increased number of users, and resource constraints – driving the need for solutions that enable them to do more with less. Dell EMC is helping customers modernize their data protection installations and replace legacy backup applications.

The IDPA DP4400 is the perfect mix of simplicity and power

The IDPA DP4400 is a converged, all-in-one data protection appliance tailor-made for small and mid-size organizations, as well as enterprise ROBO deployments. It offers complete backup, deduplication, replication, recovery, instant access and restore, search and analytics, and seamless VMware integration – plus, cloud readiness with disaster recovery and long-term retention to the cloud – all in a convenient 2U appliance. While competitive products sacrifice coverage, performance and efficiency in the name of simplicity, the IDPA DP4400 delivers it all without the need to sacrifice – simply powerful data protection at a low cost-to-protect¹ and is guaranteed.

The IDPA DP4400 offers integrated data protection in a 2U, Dell EMC PowerEdge 14G Server platform that combines protection storage, software and cloud readiness – all in a single appliance. It is simple to manage, deploy and upgrade, and grows in place from 8TB to 24TB in 4TB increments and from 24TB to 96TB in 12TB increments – all with license keys, requiring no additional hardware, downtime or complexity.⁴

The IDPA DP4400 is powerful in its comprehensive coverage, performance and cloud readiness. It supports a wide application ecosystem and has been optimized for VMware ecosystems, with up to 55:1 deduplication² for protection of approximately 5PB of logical data with a 2U, 96TB appliance. With native Cloud Tier for long-term retention, the IDPA DP4400 can protect up to 14.4PB data – all

Density and performance

- Up to 288TB (usable), 14.4PB (logical) capacity with Cloud Tier
- Faster performance with NVMe flash
- Faster restore performance with multi-stream restores

Enterprise Applications

- Oracle, SAP, Microsoft Exchange, SharePoint, SQL Server, Sybase, MySQL, MongoDB, Pivotal Greenplum, IBM DB2, Lotus Notes, and more
- Hypervisors: 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 cloud support with no additional hardware
- Amazon Web Services, Dell EMC Elastic Cloud Storage, Microsoft Azure, VMware, IBM Cloud Object Storage, Good Cloud Platform, Alibaba Cloud and Ceph
- Reduced cost for long-term retention capacity management with space estimator tool

Native Cloud Disaster Recovery

- End-to-end orchestration
- Failover in 3 clicks, failback in 2 clicks³
- Amazon Web Services, Microsoft Azure, or VMware Cloud on AWS

without the need for additional hardware. It also offers efficient and cost-effective native Cloud Disaster Recovery (to Amazon AWS, Microsoft Azure and VMware Cloud on AWS) with end-to-end orchestration – failover in 3 clicks, and failback in 2 clicks.³

The IDPA DP4400 is also optimized for VMware environments. With its seamless VMware integration, the DP4400 empowers vSphere admins to perform the most common backup and recovery tasks directly from the native vSphere UI. With automation across the entire VMware data protection stack (VM deployment, deployment of proxies and movement of data to protection storage), the DP4400 makes it easy and cost-effective to scale up to protect more VMs. It provides faster VMware backups and recoveries, and more efficient networking and capacity with its leading deduplication and bandwidth utilization.

With all these capabilities, the IDPA DP4400 delivers the industry's low cost-to-protect.¹ It is also included in the Future-Proof Program that features up to 55:1 deduplication guarantee.

Dell EMC Integrated Data Protection Appliance Family

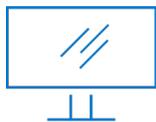
	DP4400	DP5800	DP8300	DP8800
Backup Ingest	Up to 9 TB/hr	Up to 32 TB/hr	Up to 41 TB/hr	Up to 68 TB/hr
Logical Capacity³	80 TB to 4.8 PB ¹ Up to 14.4 PB ²	960 TB to 14.4 PB ¹ Up to 43.2 PB ²	1.9 to 36 PB ¹ Up to 108 PB ²	6.2 to 50 PB ¹ Up to 150 PB ²
Usable Capacity	8 to 96 TBu ^{1,5} Up to 288 TBu ²	96 to 288 TBu ¹ Up to 864 TBu ²	192 to 720 TBu ¹ Up to 2.16 PBu ²	624 TBu to 1 PBu ¹ Up to 3 PBu ²

¹ Total capacity on active tier only ²Total capacity with cloud tier add-on for long-term retention ³ Logical capacity based on 10x to 50x deduplication

Dell Technologies On Demand

Dell Technologies On Demand delivers a range of inclusive consumption models for DP4400 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



[Learn More](#) about
Dell EMC IDPA



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¹ Based on ESG Technical Review commissioned by Dell Technologies, "Efficiently Protect Virtual Environments with Integrated Data Protection Appliances from Dell EMC", January 2020, comparing Dell EMC IDPA DP5800 vs. a leading competitive hyperconverged data protection appliance solution from Vendor X. Actual results may vary.
² Based on Future-Proof Program data protection deduplication guarantee.
³ According to Dell internal testing, February 2020.
⁴ If starting at less than 24TB, a simple field upgrade kit is required to bridge from 24TB to larger capacities. The upgrade process will require an IDPA 2.4.1 service pack update and is expected to take up to 90 minutes to complete.
⁵ Dell EMC 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