

POWERPROTECT DD MONTHLY SUPPORT HIGHLIGHTS – JULY 2021



Recent Release Information

DD OS 7.6.0.7 – Available now

DD OS 7.6.0.7 is the latest release in the new DD OS 7 Family. DD OS 7 supports new platforms and hardware with enhanced DDVE performance and PowerProtect DD Management Center.

Highlights of this release

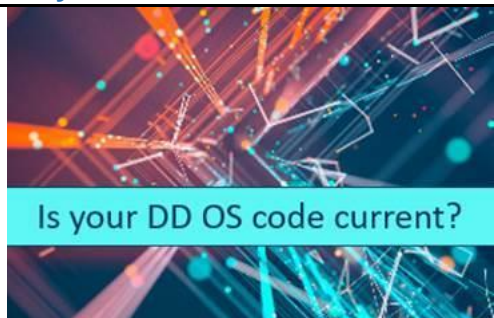
- Ease of Use, Consumption and Automation – Schedule upgrades through DDMC
- Security – Support FIPS-compliant AD user login using LDAP
- Operational Efficiency - Smooth migration from Directory replication to MTree replication
- Optimized for Cloud – REST API for MTree level recall

For a list of supported systems and more details about this release, please refer to the release notes [here](#).

A new patch for Target code 7.2.0 was released – **DDOS 7.2.0.70**

Please visit Data Domain Product Support Page [here](#) for more details and release notes.

Are you Code Current?



Are You Code Current? Being *code current* is defined as running code that is less than 12 months old and/or is considered Target and/or is the latest compatible version for your system. If you are running old code, not only are you missing out on new features, functionality and fixes, but you are also not taking advantage of current security enhancements.

Being code current is important. Customers on newer code enjoy greater functionality and fewer outages/service requests. Learn more [here](#).

Our social media account on Twitter does share useful updates for our customers. Do follow us for all the latest news and updates. Check out our latest [Tweet](#) featuring a video on Stress Free Software Upgrades for PowerProtect DD Appliances



Did you know?

You can now upgrade to the latest DD OS from DD OS 6.x version in a single hop. Find out more [here](#).

Important Update for DD OS 6.2.0

Data Domain Operating System 6.2.0 Family will be going End of Standard Support (EOSS) on 31st Dec 2021. If you are still using a version of DD OS from this code family, it is highly recommended that you upgrade your DD OS Code to the latest compatible version as per your DD Hardware. You can refer to online guides on our Support Portal and Solve Online on how to upgrade your DD OS. For any further assistance you may also reach out to our Support Engineers.

PowerProtect DD Support in CloudIQ

We've added support for PowerProtect DD series (Data Domain and DDVE) in our CloudIQ Portal. You can view detailed information and be notified of risks in your environment through health scores and alerts. This feature started rolling out on March 5th, 2021. DDOS version 7.4.0.5 (or later) must be installed, Secure Remote Services and CloudIQ must be enabled on PowerProtect DD to monitor DD systems in CloudIQ. For a video demonstration and other related documents please visit the CloudIQ Page [here](#).

Transitioning from Directory Replication to MTree Replication

If you still have Directory Replication (DRepl) Contexts configured on your Power Protect Data Domain system you are probably missing powerful performance optimizations delivered as part of MTree Replication (MRepl). DDOS currently offers an easy way to transition your existing DRepl context to MRepl, using the 'dir_to_mtree' command in CLI.

Here is the list of benefits of running MTree Replication:

- Replication Compatibility to multiple DDOS releases from 6.2 (e.g. 7.0, 7.1, 7.2, 7.3, 7.4, 7.5).
- Snapshot optimization significantly reduced amount of data sent over the network, making possible an efficient utilization of the WAN while reducing replication lag.
- Separating data into MTrees brings better replication performance.
- If you currently have VTL pools configured for replication, they use MRepl by default.
- Support for DD Retention Lock compliance.

You can refer to the KB Article 183446 for details on how to get started [here](#).

Target Code

Dell Technologies has established target revisions for each product to ensure stable and reliable environments. PowerProtect (DD OS) target code helps identify the most stable builds of the DD product, and Dell Technologies encourages customers to install or upgrade to these versions to ensure a stable and reliable environment. If a customer requires features that are provided by a new version, the customer should install or upgrade to that version. Dell Technical Advisories (DTAs) section provides more information about applicable enhancements.

Models	Target Code
PowerProtect DD Models *	DD OS 7.2.0 with patch DDOS 7.2.0.50 or above
<ul style="list-style-type: none"> • DD OS 7.2.0 is Target code with patch level 7.2.0.50 or above. • The latest patch for DD OS 7.2.0.x is 7.2.0.70 • * Except DD2200 and DD2500s <ul style="list-style-type: none"> ○ Target Code is DDOS 6.2.1 with patch level 6.2.1.40 or above. ○ The latest patch for DD OS 6.2.1.x is 6.2.1.60 	

You can find a full list of Dell Technologies product target codes at: [Target Revisions Document](#)

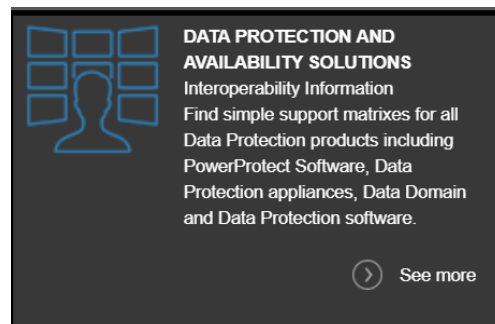
For the current list of DD OS, please refer to the Knowledge base Article [334649](#).

Please do note that Target Stack is no longer listed for Dell Technologies Products. For more details please refer to the Knowledge base article [185053](#).

E-Lab Navigator

E-Lab Navigator is a Web-based system which provides interoperability information to support hardware and software configurations. This is done through integration and qualification and creating customer consumable solutions that respond to their business challenges.

The following **Data Protection and Availability solutions** provide Compatibility reports via **E-Lab Navigator** at:
<https://elabnavigator.emc.com/eln/elnhome>



Frequently Asked Questions (FAQ) KB is available at: [KB 528502](#)

From the [E-Lab Navigator home page](#), after selecting the 'DATA PROTECTION AND AVAILABILITY SOLUTIONS' tile, select the appropriate hyperlinks on the next page.

Dell Advisories

Dell Security Advisories (DSAs): No new DSAs were published in the last 90 days.

Dell Technical Advisories (DTAs): No new DTAs were published in the last 90 days.

Publish End of Primary Support (EOPS)

Updated Dell Infrastructure Solutions Group Software Standard Support Policy is available [here](#).

These tables provide the published EOPS dates for all Data Domain products:

DD OS Code Family	TSSR Date	Latest Code
DDOS 6.1	31-Mar-2021	DDOS 6.1.2.70
DDOS 6.2.0	31-Dec-2021	DDOS 6.2.0.35

Model	EOSL Date
DD990 Appliance	31-Dec-2020
ES30-15 SATA	30-Sep-2021
ES30-30 SATA	30-Sep-2021
ES30-45 SATA	30-Sep-2021

Review [PowerProtect DD Product Support Availability FAQ](#) for more information about how the End Of Support dates affect your installation.

Top Service Topics

The following Knowledgebase articles were referenced often in the previous 90 days:

Article Number	Title
000186032	Data Domain: Supported Stream Counts for DDOS 7.x
000186091	Data Domain: After DDOS upgrade there is an active alert Security officer user account must be created
000187052	Data Domain: Steps to add disk enclosure or pack to cloud metadata tier on a Physical DD
000183642	Data Domain: Scheduling Active Tier Cleaning on DD via Web GUI
000183821	Changing Data Movement throttle might cause File System restart
000183446	Data Domain: How and why to transition from Directory Replication to Mtree replication
000184654	Port failover is not happening when NIC has an issue without link status change.
000185217	Data Domain Enterprise Manager (DDEM) / System Manager graphical user interface (GUI) is not accessible after upgrading to DDOS 7.x
000184415	How to handle AWS S3 certificate changes from March 23, 2021
000184050	After upgrade to DDOS 7.5.0.5, DDBOOST clients running DDBOOST plugin 7.0.x and below may face issues
000186042	DDVE in GCP: filesystem down with: SSL peer certificate or SSH remote key was not OK
000184251	Data Domain file system (DDFS) may restart if system logs are flooded with net filter message
000185043	DDBMA: DDBMA 19.3 ddboost plugin 7.0.1 causing error in ddfs.info log of DDOS 6.2.1

Note: Items listed here are a subset of all the KB articles created or updated in the last month. For additional KB content, visit [Online Support Search](#).

New KB Articles

The following KB Articles were created recently:

Article Number	Title	Date Published
000189762	Data Domain: How to maintain HA system to avoid unnecessary failover	July 20, 2021

Videos and Podcasts

Data Protection Power2Protect Podcast

The podcast from the Dell Technologies Data Protection division where we discuss thought leadership and innovation in the data protection space.

Permalink & Download in Episode description from [speakr.com](#); also available on Google Podcast and Apple Podcast.



The following are featured videos for PowerProtect Data Domain:

You can follow the official YouTube Channel for Dell Technologies Support [here](#).

Video Title
Data Domain: Determining the filesystem cleaning schedule and setting the schedule
How to restart HTTP/HTTPS services when GUI is unavailable
Data Domain: How to Generate a Support Bundle on Data Domain
Data Domain: How to Add an ELMS License on Data Domain
Data Domain Upgrade Procedures
PowerProtect DD – Replace Fan on DD9900 system
PowerProtect DD – Replace PSU on DD9900 system
PowerProtect DD – Replace DIMM on DD9900 system
PowerProtect DD – SAS Cabling for Data Domain 6900 system
PowerProtect DD – SAS Cabling for Data Domain 9900 system
PowerProtect DD – Initial CLI Configuration
PowerProtect DD – Finalizing Initial GUI Configuration
PowerProtect DD – Replacing OS SSD on DD6900/DD9400/DD9900
PowerProtect DD – Replacing Cache Tier Disk on DD6900/DD9400
PowerProtect DD – Replacing Cache Tier Disk on DD9900

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To access the Solve Online website→ [Click Here!](#)

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[Proactive Newsletter Communication Survey](#)

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Published August 2021

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Support Page: [\[Data Domain\]](#)