

# DELL EMC CLOUDARRAY TECHNICAL SPECIFICATIONS

## Software Licensing, Dell Hardware, and Bulk Licenses

### Dell EMC CloudArray



Available in numerous form factors, CloudArray is built to meet the needs of all of our customers.

#### Software Licensing

- Base 3TB Configuration
- Increase in 1TB increments
- Upgrade in 1TB increments

#### Dell Hardware

- Dell R730xd

#### Bulk Licenses

- 50 TB License
- 100TB License
- 500TB License

Dell EMC® CloudArray® extends high-performance storage arrays with cost-effective cloud capacity. By providing access to a public or private cloud tier through standard interfaces, CloudArray simplifies storage management for inactive data and offsite protection.

### CLOUDARRAY ARCHITECTURE

Available in virtual edition for the Dell PowerEdge R730xd and bulk licensing, CloudArray provides similar functionality across form factors. All versions of CloudArray are able to provide users with connections to over 20 different public and private clouds including Dell EMC ViPR, Virtustream Storage Cloud, Rackspace, Amazon Web Services, Google Cloud, Dell EMC Atmos and Openstack. In addition to back-end support for multiple cloud providers, CloudArray easily integrates with existing applications by presenting the cloud through traditional SAN and NAS interfaces.

### SOFTWARE LICENSING

CloudArray software is now available in a new licensing model. This new model starts as a 3TB cache base configuration and can be increased in 1TB increments to fit any need and environment. Customers can also increase their license in 1TB increments as their needs grow. This new CloudArray software licensing model can be used for virtual editions or software images on Dell R730xd servers, creating a software-defined hardware appliance.

The CloudArray software licensing can be used for virtual editions running on VMware ESX or ESXi (Server v6.x or greater) and Microsoft Hyper-V (Server 2008 R2 or Server 2012). This new software contains the same feature sets and capabilities as the previous virtual edition, but by following the 3TB base cache and 1TB cache increase model, customers can be more granular in their sizing requirements.

When CloudArray software is used as a virtual edition, it relies on an organizations' existing SAN, NAS or DAS storage to supply the disk for the local cache. As a result, the type of disk chosen for cache directly impacts the performance and reliability of each CloudArray virtual edition model, with RAID6 disk enabling recovery from dual disk failures and high performance disk providing greater speeds and cache performance.

CloudArray software can also be installed on Dell PowerEdge R730xd servers to create a software-defined hardware appliance. The R730xd delivers incredible performance over the old hardware appliances thanks to being all-flash. Again, these configurations will start with 3TB base cache and can be increased in 1TB increments.

## DELL HARDWARE

Dell PowerEdge R730xd is the preferred hardware for CloudArray. These configurations can deliver over 20 times the IOPS performance of the current EMC CloudArray hardware configurations. The Dell R730XD hardware can be configured to order with cache capacity ranging from 3TB to 84TB. For more information please view the CloudArray [FAQ](#).

## BULK LICENSES

In addition to being available as individually purchased physical and virtual appliances, users can also purchase CloudArray capacity through large bulk licenses. These bulk licenses give users the ability to divide their total capacity across multiple CloudArray instances and come in three sizes:

- 50 TB License
- 100 TB License
- 500 TB License

Bulk licenses offer a more flexible way of consuming CloudArray and can be used across as many or as few sites as customers require. This flexibility is ideal for customers who are planning to use CloudArray at multiple sites or have cloud storage requirements that are inconsistent or rapidly growing.

### CONTACT US

To learn more, contact your local representative or authorized reseller.

