# AppSync

### Automated, self-served application-aware copy data management software

## Essentials

### Simple
Intuitive workflows to setup scheduled protection and data repurposing jobs that provide end to end automation of all the steps from application discovery and storage mapping to mounting of the copies to the target hosts.

### Smart
Deep integration with Dell primary storage, enterprise applications and VMware environments means you don't need to reinvent copy management for every IO stack.

### Transformational
Policy driven service plans provide clear visibility into SLA requirements and resource utilization, thereby eliminating potential friction between application and infrastructure owners.

### Application Integrations
Oracle
Microsoft SQL
Microsoft Exchange
VMware data stores
Kubernetes
SAP HANA
Others managed at file system level

AppSync

## Simple, smart and transformational

Dell AppSync simplifies, orchestrates and automates the process of generating and consuming application consistent copies of production data. AppSync's deep application integration coupled with abstraction of underlying Dell storage and replication technologies empowers application owners to satisfy copy demands for data repurposing, operational recovery, and disaster recovery, all from a single user interface.

With AppSync you can manage the protection, replication and repurposing of databases and applications, including Oracle, Microsoft SQL Server, Microsoft Exchange, SAP HANA, Kubernetes namespaces, file systems and VMware datastores VMware datastores and virtual disks hosted on NFS file system using integrated Copy Data Management (iCDM) and replication technologies supported across Dell's primary storage including PowerStore, PowerFlex, and Unity XT.

## SIMPLE

### Manage data with a single click
AppSync provides intuitive workflows to setup protection and repurposing jobs (called Service Plans) that provide end-to-end automation of all the steps from application discovery and storage mapping all the way to mounting the copies to the target hosts. Service Plans can be scheduled with alert emails to easily track their status. AppSync also provides application protection monitoring and reporting service that generates alerts if SLAs are not met or if a service plan fails.

### Install AppSync yourself
AppSync is designed to be easy to use, so users don't have to learn a new technology. You won't need to call a technician onsite to help install, configure, or optimize AppSync. Simply visit the Dell Support page for AppSync, download the product and follow the install wizard to install the product.

## SMART

AppSync is deeply aware of application databases, directly resident on the array or in a software-defined storage appliance including Oracle, SAP HANA and Microsoft SQL Server as well as Dell's extensive copy and replication technologies. AppSync Service Plans present the user with all the relevant options for a database infrastructure combination. For example, an Oracle Service Plan on a PowerStore has the granularity of options to handle the different log files and control files as well as options for local and remote copies with native replication technology. Application owners and DBAs can make sure they get the right copies to the right stakeholders without worrying about underlying storage and application intricacies.

For VMware virtualized environments, including VMware file support, AppSync offers VM consistent (with individual VM recovery) copies. vAdmins can protect and restore VMware data stores with VM-level granularity. Dell Virtual Storage Integrator (VSI) provides the ability to perform these workflows from right within the vSphere user interface.

For Kubernetes environments, AppSync offers application consistent copies of namespaces with templates to protect standalone Microsoft SQL, Postgress, MySQL, Cassandra & MongoDB databases. It also provides capabilities to integrate customer developed scripts & protect any application in Kubernetes environments.

## TRANSFORMATIONAL

AppSync enables application owners and DBAs to protect, restore and repurpose their data to satisfy their unique copy requirements. This accelerates and improves processes like test/dev by providing the latest production data for high quality product releases. AppSync's support for second generation copies (a copy of a copy) allows for required data masking, filtering and obfuscation by DBAs so that end users of data have access to only data that they need. At any given point of time storage admins can get a complete picture of the copy landscape so that they are aware of capacity utilization and scope for optimization.

## APPLICATION INTEGRATION

AppSync application integration capabilities include support for Oracle, SAP HANA, Microsoft SQL Server and Microsoft Exchange. Copies for other databases like those used by EPIC systems can be managed at a file system level. Please refer to the AppSync support matrix on support.emc.com for complete information.

## FLEXIBLE LICENSING OPTIONS

**AppSync 90-day trial software**
- Full featured AppSync Advanced license for 90 days for customers to try the product.

**AppSync Starter Packs** (also known as AppSync Basic)
- AppSync Starter Pack is a no cost, limited feature license that is bundled with Dell primary storage platforms

**AppSync Advanced**
- AppSync Advanced is a full featured license. Depending on the storage platform, AppSync Advanced is offered by capacity, frame, or brick.

## APPSYNC SERVICES

These services are all available for PowerFlex, PowerStore and Unity XT

- **ProDeploy Plus for AppSync** – This service deploys onsite, up to four (4) AppSync hosts to manage the protection and replication of the customer's supported applications and databases. AppSync enables Integrated Copy Data Management (iCDM) with primary storage systems by simplifying and automating the process of generating and consuming copies of production data for application -level recovery and repurposing needs.
- **ProDeploy Remote for AppSync** – This service remotely deploys AppSync to manage protection and replication of the customer's supported applications and databases. AppSync enables Integrated Copy Data Management (iCDM) with primary storage systems by simplifying and automating the process of generating and consuming copies of production data for application-level recovery and repurposing needs.
- **Custom Deployment for AppSync** – This service deploys AppSync to manage the protection and replication of the customer's supported applications and databases. AppSync enables Integrated Copy Data Management (iCDM) with primary storage systems by simplifying and automating the process of generating and consuming the copies of production data for application-level recovery and repurposing needs. Note: For customers who are currently using Replication Manager, this service can be used to quote the design and deployment work required to transition them to AppSync.

**SIMPLE**

**SMART**

**TRANSFORMATIONAL**

**Learn more** about Dell AppSync

**Contact** a Dell Technologies Expert

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