Datasheet

# NetApp Snap Creator Framework

Unified data protection platform for multiple applications, databases, and operating systems

## Key Benefits

### Achieve Application-Consistent Data Protection
Confidently back up and restore data for standard or custom applications and databases.

### Adapt to Changing Business Needs
Address changing business requirements with NetApp® Snap Creator™ Framework's flexible and extensible architecture.

### Get Cloud Ready
Automate backup and restore workflows for multiple applications and databases in physical or virtualized environments.

### Achieve Application-Consistent Data Protection
Protecting and managing data generated by enterprise applications and databases are complex tasks. Enterprises often have unique business needs that result in additional development costs for writing custom scripts to safeguard information and meet both company and government-mandated compliance requirements. Customized scripts are prone to error and can be challenging to maintain. NetApp Snap Creator Framework addresses the challenges that administrators and developers face by providing a centralized and consistent solution for backing up critical information. This solution integrates seamlessly with existing application environments for consistent data backup and recovery in both virtualized and nonvirtualized environments.

### Standardize and Simplify with NetApp Snap Creator Framework
Standardize and simplify your backup, restore, and disaster recovery tasks in any environment by using NetApp Snap Creator Framework. This software provides a single data-protection solution for one or many applications, whether they are standard off-the-shelf or custom-developed applications.

### Meet Changing Business Needs Efficiently and Cost Effectively
Most products support a single application or are limited to a few applications. Snap Creator Framework can scale to support large enterprise environments of more than 1,000 agents (1,000 applications and databases), allowing the user to manage the entire environment cost effectively from a single pane of glass. This solution comes with a number of prepackaged supported plug-ins, enabling easy backup of applications and databases on any NetApp storage. The active Snap Creator community is a source for additional plug-ins and for information about developing customized plug-ins. Flexible and easily customized, Snap Creator is designed to meet the needs of your unique environment.

### Become Cloud Ready
Snap Creator Framework reduces the complexity of unique business processes and the development and management of scripts, helping you to make your backup, restore, and disaster recovery tasks more agile. This solution also provides automation, which serves as a building block for cloud environments. By implementing just one framework on multiple operating systems or virtual machine platforms, the administrator can apply standard backup and restore workflows to any application across the data center. The software also offers role-based access control that allows the cloud administrator to delegate and assign roles and permissions to help users perform their jobs better.
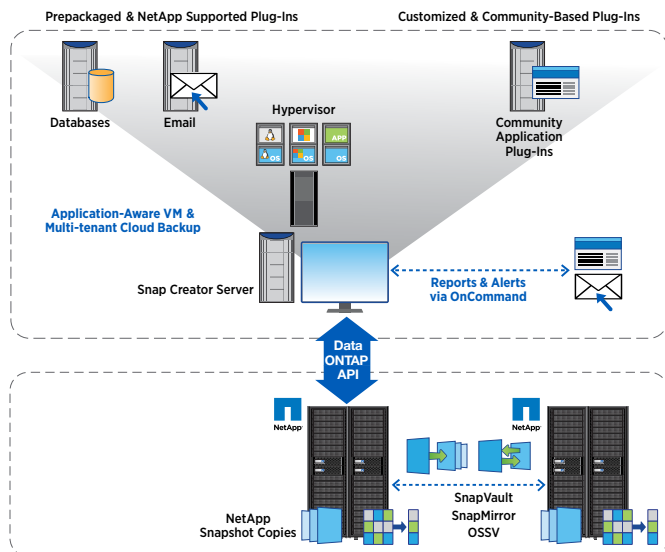
Figure 1) NetApp Snap Creator Framework data protection architecture.

Snap Creator Framework helps IT work as a service while saving time, resources, and money.

## Snap Creator Framework Standard Features

- Performs central backup management and is typically deployed with an agent/server model
- Browser-based GUI for prepackaged plug-ins as well as third-party plug-in GUIs
- Prepackaged plug-ins for Oracle®, SAP® HANA, MySQL, DB2, Sybase ASE, MaxDB, IBM Domino, SnapManager® for Exchange, SnapManager for SQL Server®, VMware® (vCloud Director®, vSphere®), Citrix XenServer, and Red Hat KVM supported by NetApp Global Support
- MongoDB, Informix, Intersystems Cache, Netware, Postgre SQL, and VMware Horizon Workspace™ are some examples of plug-ins available from the Snap Creator Community
- Easy custom plug-in development for your unique applications, databases, and custom scripts
- Integration with NetApp data protection solutions: Snapshot™, SnapVault®, Open Systems SnapVault, and SnapMirror® (including cascading) technologies; LUN cloning; volume cloning; and igroup mapping
- Integration with OnCommand® Unified Manager 5.x
- Support for the Data ONTAP® architecture operating in 7-Mode and clustered Data ONTAP

- Backs up a VM and multiple applications in a hypervisor; vApp backup and restore through Snap Creator GUI and CLI capability
- Consistent NetApp Snapshot copies across multiple volumes or appliances
- Centralized scheduling and job monitoring for backups, clones, Open System SnapVault operations, and more
- One-to-one, fan-in, and fan-out SnapMirror or SnapVault relationships
- Dynamic configuration file that enables users to pass their own user-defined values
- Ability to send error messages through e-mail or other tools such as UNIX® sendmail, SNMP traps, and more
- Configuration and management of multiple Snapshot or SnapVault policies
- Volume and single-file restore options available through both CLI and GUI

## NetApp and Partner Professional Services Enable Success

NetApp and partner community consultants can provide expert advice for a data protection solution design before you embark on a Snap Creator implementation project. Our experts have enterprise storage architecture expertise and can create a comprehensive backup, recovery, and disaster recovery strategy that meets your archival and compliance needs. Then, with our real-world experience in using NetApp Snap Creator Framework and any required custom module development, we can implement a solution that minimizes operational impact and maximizes the efficiency of your own organization. Use NetApp or partner services to plan and deploy a data protection solution that addresses your unique and varied challenges, and reap the benefits of Snap Creator Framework in a NetApp storage infrastructure.

## Get Started Today

NetApp Snap Creator Framework software is available free of charge for NetApp customers from the NetApp Support site— http://support.netapp.com/—or engage your account team for help in getting started. Explore the Snap Creator Community for the latest news, how-to videos, and discussions: http://netapp. com/snapcreator.

## About NetApp

Leading organizations worldwide count on NetApp for software, systems and services to manage and store their data. Customers value our teamwork, expertise and passion for helping them succeed now and into the future.

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