

**ProphetStor’s Flash-Optimized Federator® Software-Defined Storage Platform Changes Your Future with Scale-Up, Scale-Out and Scale-Any**

**MILPITAS, CA, August 24, 2016** — ProphetStor Data Services, Inc., the leader in software-defined storage (SDS), announced today the general availability (GA) of version 3.1 (Del Mar Release) of its Federator® platform, updated with flash optimized functions, and can turn commodity hardware into high-performance All Flash Array or Hybrid Flash Array, delivering a powerful, flexible and unparalleled user experience. The integrated SDS platform also enables multi-use storage and data services based on a single platform that simplify and automate storage discovery, abstraction, delivery of services leveraging existing storage systems (Scale-Any), which includes built-in enterprise-class Scale-Up and Scale-Out storage capabilities.

The rich suite of services also include analytics called Traffic Modeling Module (TMM), an innovation of Federator which provides predictive for application traffic loading, and leverages storage resource dynamically and intelligently. Additionally, Elastic Resource Control (ERC) dynamically adjusts the read/write cache size based on the traffic prediction data generated by TMM (capacity and/or IOPS provisioning), data services (data protection or recovery) and optimization (deduplication and caching). The transparency of the resource availability and the demands from the application enables the “just-in-time” allocation of the elastic resource allocation, and brings along the best utilization. As a result, Federator powered storage systems can be more cost effective and maintenance support can be greatly simplified.

“Our customers wants to start building the next generation of the scalable infrastructure that enables better control, increased competitive advantage, enhanced scalability and much reduced the TCO,” says Eric Chen, CEO of ProphetStor. “The "Future of the IT" and "Software-Defined Storage" themes continue to resonate with customers as this transformation is just beginning and it's going to be huge. The good news is, this is where ProphetStor has been focused from the start. The release of Federator 3.1 will significantly change the dynamic of the status quo of All Flash Array and Hybrid Flash Array as the performance, features, and cost-effectiveness of storage can be achieved at the same time. Unlike the other solutions on that market that are “device-base,” Federator based storage systems are naturally “cloud-enabled and RESTful API programmable”.”

Federator Scale-Up transforms standardized commodity hardware into a storage powerhouse. This version takes into account the critical requirements of low-latency and high performance from Flash. In addition, it provides enterprise-grade features, such as pooled storage (eliminating the need to predetermine storage size), copy-on-write (ensuring data consistency), checksums (enabling data integrity verification and self-healing), rapid snapshot, writable snapshot, snapshot rollback, remote replication, volume creation from snapshot, volume consistency group, and Disaster Recovery.

Federator Scale-Out function provides the highly scalable, manageable, and reliable hyper scale storage included in Federator® SDS solutions. At the back end, Federator Scale-Out adopts Ceph Storage Cluster concepts of no single point of failure, self-healing, self-managing, great performance and scalability, and easy to deploy through the Preboot eXecution Environment (PXE). At the front end, Federator Scale-Out provides the web-based graphical user interface (GUI) to manage and configure storage nodes in scale-out cluster. Furthermore, it includes the enterprise-class features, such as thin provisioning, snapshot, replication, storage offering, backup and recovery. And they are accessible through the Federator SDS dashboard.

ProphetStor Federator® 3.1 enables software-defined storage with the following key features:

• Automatic discovery of storage systems, and abstraction of physical resources into virtual pools

• Supports enterprise storage arrays and commodity storage hardware

• Classification of storage pools by their capabilities and performance

• Dynamic monitoring and scheduling of resources to deliver storage requests

• Automatic storage provisioning based on pool groups and IOPs service offerings

• Supports block storage through iSCSI, FC, RBD protocols

• Open RESTful management API

• Integration with OpenStack, VMware VAAI enabling storage services with unified management for storage systems

ProphetStor Federator® recognizes the built-in functionalities of individual storage resources, and uses them to define storage on demand, matching the requirements from the application. Federator is a fill to an important gap in the OpenStack landscape, essentially bolstering the storage layer to make OpenStack a more credible choice for business application being run by corporate IT.