

WHAT'S NEW WITH FREESTOR - OCTOBER 2016

FreeStor, on its third iteration in less than 18 months, is 100% focused on delivering high-performance block-based storage services that customers need - at public cloud prices. As companies look to maximize workload efficiencies and lower costs, they need the right insight and tools to make that happen. FreeStor gives customers the ability to move workloads to the right destination, on-premise or in the cloud, with real insight for the right price.

Intelligent Pricing

Deploying and maintaining infrastructure is expensive. Regain control of costs and realize the economic benefits with FreeStor by only paying for the primary copy of data.



**No more
2nd or 3rd
copy costs**

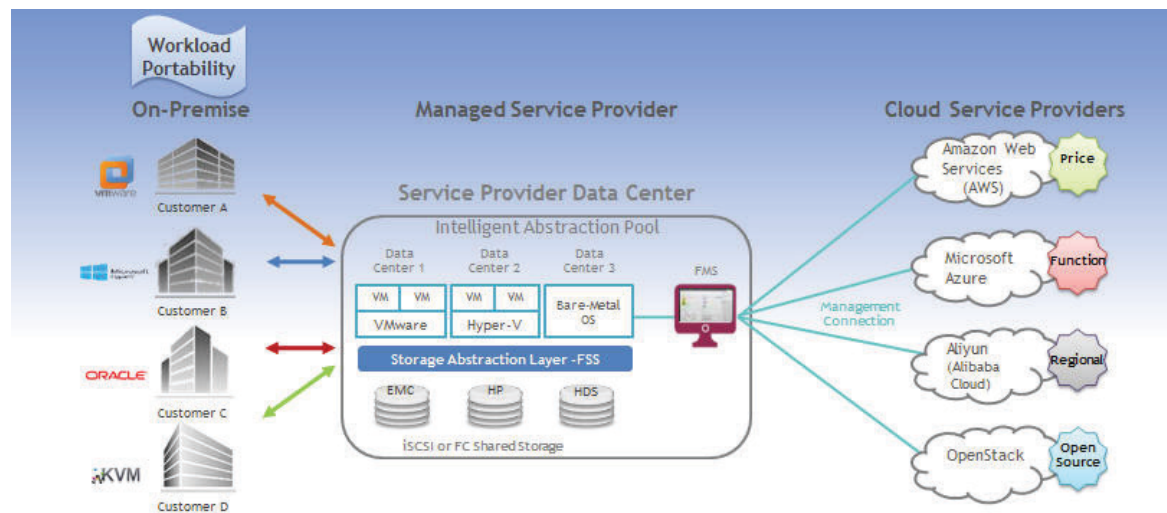
Cloud Enablement

Cloud Connectors for public (AWS, Azure, Aliyun, Oracle) clouds – allow you to:

- Extend your on-premise enterprise with the economic benefit of public cloud IaaS
- Utilize the public cloud for a virtual disaster recovery implementation
- Store additional copies for compliance and archive with minimal cost
- Integrate with OpenStack with the FalconStor Cinder Driver. This allows you to extend your current branded licensed hypervisor for testing, development, or production
- Managed Service Providers can provide an extra level of protection through the use of the most inexpensive IaaS with public clouds
- Move from CAPEX to OPEX to Minimize infrastructure costs for DRaaS, BaaS, and LTR

New Features

- Intelligent Pricing
- Cloud Enablement
- Secure Multi-tenancy
- Enhanced Analytics
- Unified Client Management
- Optimization
- Linux 7 support



Secure Multi-tenancy

FreeStor has been multi-tenant capable since the initial launch. With this release, we have added external security through the support of and integration with Active Directory and LDAP. Secure Multi-tenancy enables the ability to provide service to several customers/tenants from one central infrastructure, where the tenant administrator can define rules for managing tenant users and resources.

- Provide service to several customers/tenants from one central infrastructure
- End-to-end isolation of tenant data

Enhanced Analytics

Extending the rich set of Analytics provided in the last release, FreeStor now supports:

- Core-to-Edge analytic data mapping physical resources to endpoint workloads (applications and databases)
- Passive Quality of Service visualization for monitoring and troubleshooting

Client Workload

- Client properties visible at-a-glance
- Client performance
- List of Clients
- Applications and Workload status and performance

Software-Defined Management

- Reports number of virtual devices managed by the selected server
- Reports performance throughput
- IOPS, latency, bandwidth

Virtual & Physical Resources

- Visualize virtual and physical resources used by the server
- Display physical devices status, sectors, size, type, name, and VID

Unified Client Management

With FreeStor's new Unified Client Management it is now possible to install, upgrade and manage 100s and 1000s of clients through a single pane of glass. Enterprises and service providers can now deploy predefined templates in binary format to support security requirements, end point data protection requirements, and monitoring/reporting of the end point into a simple interface.

- Install, update, and configure via industry-standard open-source Puppet
- Supports rapid upgrades for stand-alone and multiple environments
- Faster Always-On configurations

Optimization

FreeStor provides the insight needed to optimize performance and realize performance gains without adding expensive and disruptive hardware changes. Performance optimization includes expanded hypervisor support, improved IO Cluster path switching times and allows:

- Workload portability
- Faster Always-On configurations
- Significantly increased single instance performance using qualified NVMe storage



Intelligent Abstraction



Intelligent Predictive Analytics



Intelligent Action



Intelligent Pricing

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