

Tintri Cloud Connector

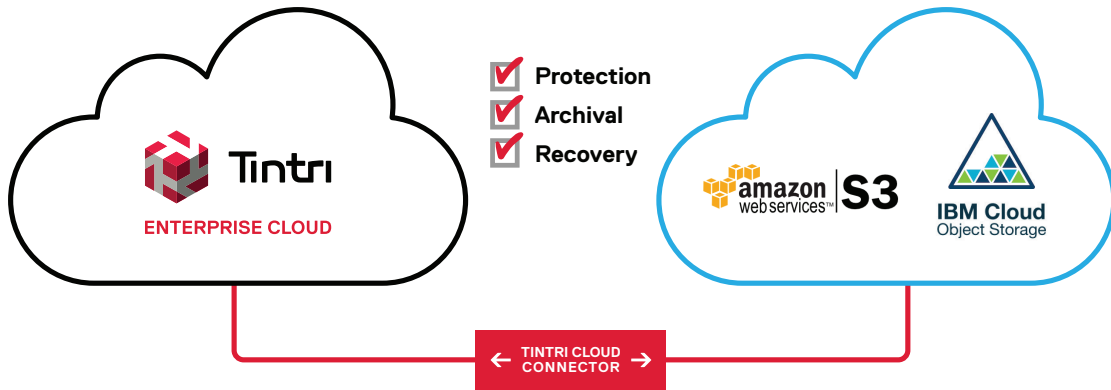


FIGURE 1. Tintri Enterprise Cloud integration with public cloud resources

Extend Tintri Enterprise Cloud to Amazon Web Services and More

More and more organizations are adopting a multi-cloud strategy. Tintri Cloud Connector tightly integrates Tintri Enterprise Cloud to public clouds, such as Amazon Web Services, and private clouds that use public cloud APIs. That enables organizations to create hybrid cloud services (see Figure 1) with building blocks from on-premises enterprise infrastructure and cloud resources.

For example, Tintri Cloud Connector extends your data protection and disaster recovery strategy with secure cloud connectivity for long-term data retention. You can send local snapshots to cloud and recover to your Tintri storage systems in minutes to protect, archive and recover your mission-critical on-premises applications. Tintri Cloud Connector uses the Tintri CONNECT architecture which abstracts storage at the right level of abstraction for virtualization and cloud to achieve the fastest recovery times and maximum flexibility.

Flexible protection

Tintri enables your organization to implement a flexible DP/DR strategy to satisfy changing business requirements. You can easily configure application protection policies from Tintri Global Center with any schedule, any retention period and any protection target (see Figure 2). Tintri's native integration with different cloud vendors replaces or complements traditional backup architectures.

Errors	Service Group	VMs	Snapshot Frequency	Replicate to	QoS Min Normalized IOPS	QoS Max Normalized IOPS	Logical Quota Free Space GiB
	Engineering	1	Hourly	Not Configured	125	275	Not supported
	Finance	1	Hourly/Weekly	2 VMstores	100	225	Not supported
	HR	1	Weekly/Monthly	Cloud	50	100	Not supported
	Marketing	1	Daily	AWS-US-West 2	Not Configured	Not Configured	Not supported
	Sales	1	Hourly/Daily	Cloud, 1 VMstore	75	200	Not supported

FIGURE 2. Flexible application protection policies

Recover with high space efficiency

Tintri snapshots are space efficient with inline compression and deduplication, and only changed data are sent over the WAN. Data services and policy management are performed at the right level of abstraction – optimized for efficiency, cost and speed of recovery. Tintri Cloud Connector is designed to minimize HTTP requests such as GET and PUT, reducing public cloud access charges. These charges can become significant when you have a large amount of data to recover or during recovery from a service outage. You can quickly recover from the cloud to any local Tintri storage (see Figure 3) and perform a file level restore (FLR) to recover just the data needed.

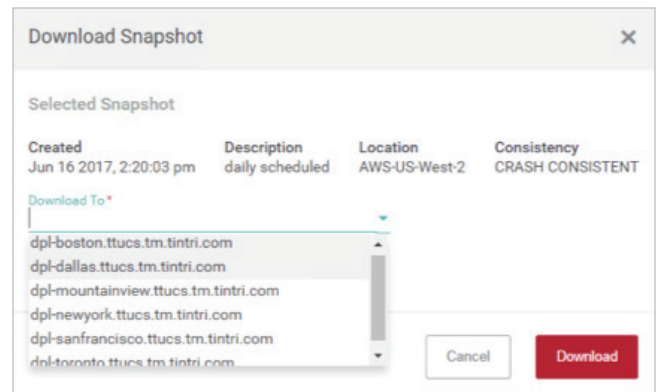


FIGURE 3. Download snapshots from cloud to any Tintri storage system

Security and performance

Tintri provides data-at-rest encryption on the cloud backup target and secure transmission to the cloud with SSL encryption. In the meantime, there is no impact on application performance. You can configure all your replication destinations and manage the keys from a single location – Tintri Global Center.

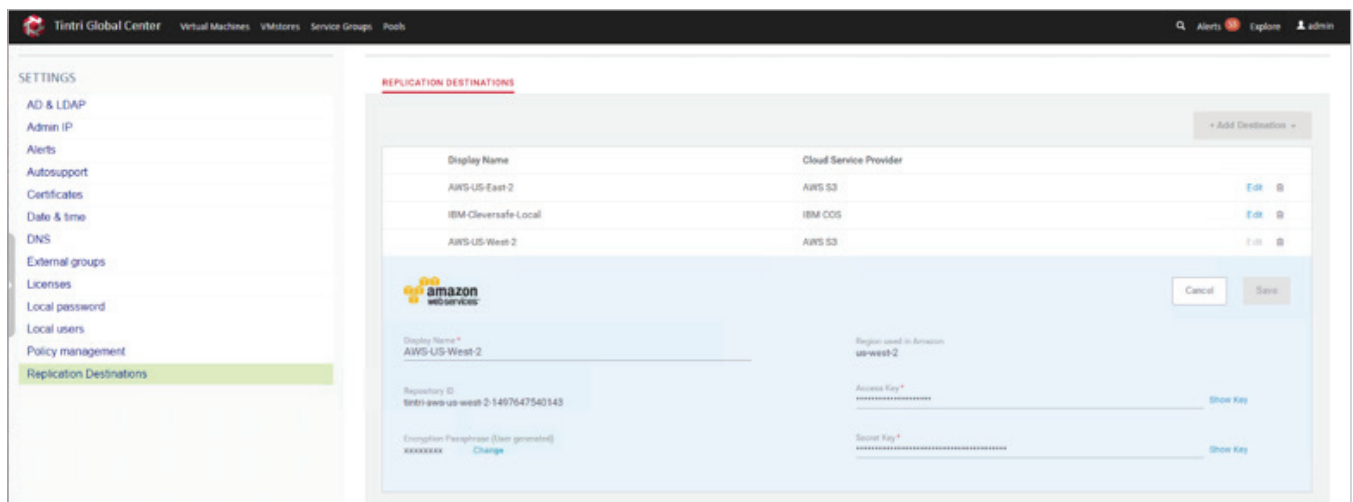


FIGURE 4. Configure cloud destinations in Tintri Global Center

Tintri Cloud Connector unites your on-premises infrastructure with AWS public cloud resources and IBM Cloud Object Storage, so you can create hybrid cloud services. Tintri makes this simple and efficient by operating at the right level of abstraction for virtualization and cloud—use AWS for the data protection, archive and disaster recovery of your mission critical on-premises applications and restore applications in a single click to your Tintri Enterprise Cloud.