

MST with Pilot Light
<https://squasta.github.io>
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Documentation

Only for AHV hypervisor
Limitations

Configuration

- 1- Create an NC2 cluster in AWS
- 2- Deploy Prism Central and register the cluster
- 3- Deploy MST on NC2
- 4- Create the protection policy either on-prem or on the cloud
- 5- Create Schedules & configure snapshot replication
- 6- Create recovery plans

Prerequisites

- AOS version 6.8.1 or later
- Prism Central version is pc.2024.2 or later
- The S3 bucket name must start with nutanix-clusters

What is it ?

- Nutanix Multicloud Snapshot Technology (MST) with Pilot Light deployment
- Replicates snapshots from your active compute cluster to object stores
 - AWS S3
 - Other S3 compliant object store will come later
- Fails back to a pilot light cluster
 - Recover to any location where Nutanix Cloud Platform is running including NC2
 - That scales out to accommodate all workloads during failover

Benefits

- Maximized Storage Efficiency
 - Free up your primary storage for high-performance workload
 - Leverage S3 buckets for storing workload snapshots
 - Robust security features of object storage
 - WORM-enabled
- Optimized Costs**
 - Pilot Light Cluster with a minimal number of nodes
 - A cost-effective DR solution using the public cloud
 - S3 storage is cheaper than local high performance storage (NVMe, SSD)
 - Scale Recovery Site on Demand
- Reliable Recovery with Data Mobility
- Unified Control with Nutanix Prism
 - It's included in Nutanix Disaster Recovery

Workload classification

- for Direct Replication to pilot-light NC2 Cluster
 - Workloads with lower recovery point objectives (RPO) and/or recovery time objectives (RTO)
- for Replication to an S3 bucket through MST
 - Workloads that can tolerate relatively higher RTO and RPO
 - You can store up to 36 snapshots per entity in the S3 bucket

Supported replication for MST-protected workloads

- S3
 - Asynchronous (1-hour RPO)
- Pilot Light NC2
 - NearSync (1-15 minutes RPO)