TranZman

Empower the move

SAME VENDOR TRANSITION BETWEEN NETBACKUP ENVIRONMENTS.
With a Tranzman Appliance from Stone Ram

KEY FEATURES

Near ZERO Downtime
Migrate between backup servers without needing any outage to the backup environment.

Point and click User Interface
The entire migration can be completed using the Browser based user interface.

Heterogeneous Environment Support
Migrate between dissimilar backup platforms or clustering topologies.

Granular Selectivity
Tranzman allows for individual backup components to be selected for migration.

Adaptable Timeline
Easily adapt to changes in project schedule.

Multi-Merge
Perform Many to One mergers

Multi-Split
Perform One to Many Splits

5 Steps to Transition between NetBackup Masters

Tranzman is provided as a turnkey virtual appliance for Same Vendor Transitioning. The origin and destination backup environments need to be in a functional state. Tranzman™ simplifies any same vendor migration into just five steps.

1. Installation of Tranzman Appliance and Agents
2. Discovery of all backup and configuration objects
3. Selections of components to migrate (catalog/configuration)
4. Automated Creation of configuration objects and Automated export, conversion and import of catalog objects
5. Decommissioning of Origin Environment

Tranzman deals with all the complexities of the migration. This will allow you to change platforms, virtualization or even clustering topologies, and can even be used to jump to a newer version of the backup software.

Reducing Downtime Time, Costs and Risks

Tranzman uses a synchronized, coexistence approach to migration. It processes meta-data on a backup by backup basis, ensuring that each backup is correctly imported to the destination. This removes the widely acknowledged higher level of RISK associated with a "BIG BANG" migration, such as over-running the migration windows and higher failure and regression rates.

The "BIG BANG" approach to migrations is also very services heavy, often costing a considerable fee. Tranzman is a lower-cost option that eliminates complexity and reduces the risk through its fully automated process, extensive assessments and tests, and removing the need for a prolonged outage, Tranzman requires near ZERO downtime to perform the switch over.

NetBackup Transitioning Features

KMS Migrations and Mergers

Tranzman has full support for KMS, allowing for individual key groups to be migrated, and merged.

Client Connectivity Testing

Tranzman can check client connectivity to identify any changes, it determines if there are blocked ports, or issues with certificates.

Certificate Deployment

Tranzman can instruct clients to request certificates from the new master.

Vault Migration and Merger

Tranzman will migrate / merge Vault configuration based on the Devices that have been migrated.

Retention Levels Merger

Tranzman automatically maps and creates / modifies Retention Levels, ensuring that all data, and policies/SLPs are updated accordingly ensuring retentions are the same duration that was defined on the origin.

Compressed Catalog Support

Tranzman detects if any images it is migrated were compressed using legacy (pre-NetBackup 7.6) compression, and will be automatically uncompressing them in-flight. This reduces space requirements on ageing Origin environments, and also ensures that the Destination is able to recompress them correctly.

Host Properties Config Files Migrated

Tranzman will display all the differences between the Origin and Destination master servers host properties allowing for easy "click" to update

Accelerator Tracklogs updated

Tranzman is able to detect any clients / media servers that were using Accelerator, and can update the Track Log to allow it to recognise the new master server, ensuring that a FULL rescan isn't required after a migration.

Shared Storage Server Support

Tranzman only migrates the components it needs to, so if a storage server already exists it will just migrate the disk pool /volumes.

Tranzman Transition Paths

Tranzman can support many to one and one to many migrations, splits and mergers. It supports the origin environments being any version since NBU 6.0 and the Destination environments be NBU 8.X. Only limitation is that the Destination version has to be the same or higher than the Origin.

Tranzman Duplication Management.

Tranzman can perform automated, and optimized duplication of images between different volume pools and volume groups.

When performing splits, or reorganizing the storage in an environment we would use pre-duplication, whereby the origin will be used to perform the duplication tasks.
When performing hardware refreshes, the destination would be used to duplicate the images after the storage has been migrated.

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SYSTEM REQUIREMENTS

- Minimum 4GB of RAM
- Minimum 2 core Intel CPU
- Network Connectivity (1Gbit interface recommended)
- 4GB Disk for the Tranzman Appliance OS
- 500GB* Disk for Transient data.

*500GB is based on average requirements, this could be larger or smaller depending on the size of the catalogs and the rate of throughput