

Tranzman

Empower the move

MIGRATE ENTERPRISE DATA BETWEEN DIFFERENT BACKUP VENDORS.

With a Tranzman Appliance from Stone Ram

KEY FEATURES

Workload migrations.

Tranzman™ provides customized selections for the migration and mapping of workloads between backup software.

Many to one migrations.

One Tranzman™ appliance can merge multiple origins into a single destination.

One to many migrations.

A Tranzman™ appliance can split a single origin across multiple destinations.

Native recovery.

Tranzman™ enables the restoration of legacy data directly within the destination product.

6 Steps to Transition between vendors

Tranzman™ simplifies any migration into six steps

1. Installation of Tranzman Appliance and Agents
2. Discovery of all backup objects
3. Selections / Mapping of catalog and workload components
4. Automated Creation of workload objects
5. Automated export, conversion and import of catalog
6. Decommissioning of Legacy Software

The technology allows for the legacy product to be decommissioned as soon as the Catalog has been ingested into the new environment. This accelerates the migration and removes operation costs from the legacy environment.

Reducing Time, Costs and Risks

Recall of the media is a costly and time-consuming operation. Tranzman™ only needs to access the media when you want to perform a restore or a duplication of the data.

Retaining skills for legacy products is no longer required. Tranzman™ uses its own plugins to allow it to read the media, allowing legacy software to be decommissioned and operational costs associated with management and maintenance of it can be eliminated.

Configuring new backup jobs is a labor-intensive task that is also prone to human error. Tranzman™ automates this process, ensuring that all objects from the legacy environment are migrated.

Catalog Conversion

One Key differentiator of Tranzman™ is the ability to convert the Catalog. It is exponentially faster to convert the Catalog as opposed to all the data. It enables the destination backup environment to see the recoverable data, as if it was backed up natively in its own environment. From the perspective of backup administrators, legacy data browsed through the destination backup product interface and restores are done using the same process as any other restores.

Workload Conversion

Logic behind the workload conversion was developed by a team of senior backup consultants. Who have integrated years of experience and all expertise into the Tranzman product. Tranzman currently supports two methods for workload conversion:
Direct. A mapping of the workload objects based on the lowest common denominators. Since backup products can differ greatly in how their configurations are done, this is a best approximation.
Custom. Our analyst team will develop workload templates and custom rules to facilitate the migration.

Backup Data Conversion.

Tranzman uses plugins to facilitate data conversion. Stone Ram have created plugins for each backup product and data type combination. Plugins preserve all meta information, such as file ACLs, timestamps and permissions. Tranzman has to complete Catalog migration before data could be accessed through the destination backup product. All data that was backed up by the legacy system will appear residing on Tranzman appliance shared volume. Data conversion is on-demand, and is initiated by a restore or duplication request from the destination backup product.

Tranzman™ as a Storage Proxy

Tranzman detects when a restore or duplication is attempted. Tranzman sends a notification if intervention is required to locate and load a specific media, and the restore is suspended. Tranzman reads and converts the data on the media, making it available for restore or duplication. Tranzman sends another notification, when the conversion is complete so the restore / duplication can be resumed.

Limitations:-

At least one tape device of each media type has to be retained from the legacy system. They need to be connected to the Tranzman appliance, and will be used to read legacy data. These tape drives will continue to be required until all legacy images have expired, or all valid images on the media they support have been duplicated to new media.

No support for software based encryption.

Disk based deduplication is not currently supported. (VTL is supported)

SYSTEM REQUIREMENTS

- Minimum 8GB of RAM
- Minimum 2 core Intel CPU
- Network Connectivity (1Gbit interface required)
- Local / SAN attached disk storage for temporary staging of converted images, sized according to volume of recoveries to accommodate at any one time.
- Local / SAN connectivity for access to Tape devices