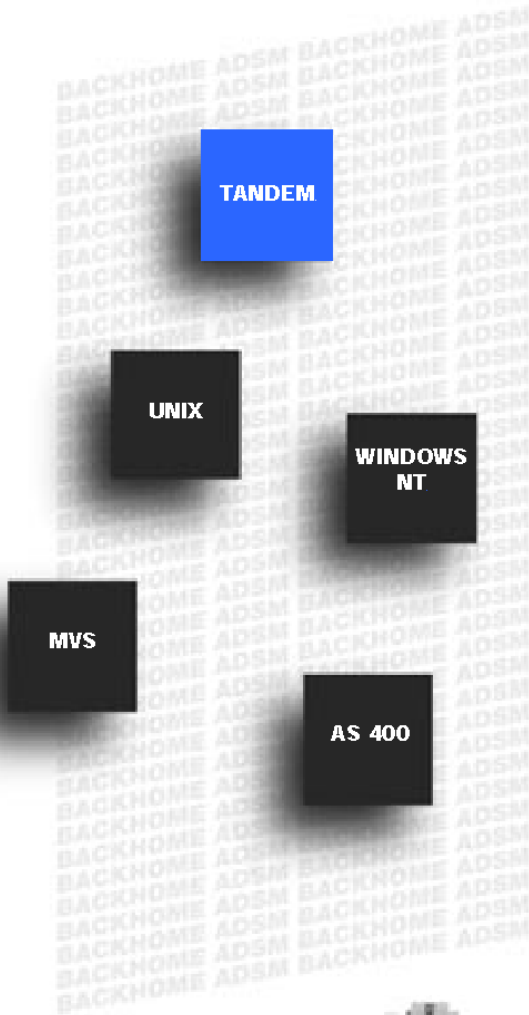




BACKHOME[®] TSM

Tivoli Storage Manager for HP NonStop



NEW: BackHome/TSM is certified for NonStop Integrity systems.

Advances in data storage hardware and data management software have made centralized storage management a reality. Network backbones now connect distributed systems with channel level performance, allowing server based applications to deliver functions and services previously dispersed upon individual client systems.

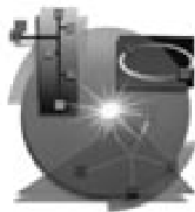
ETI-NET has developed a family of connectivity solutions that capitalize on cross-platform opportunities. For over a decade ETI-NET has been providing HP NonStop users with high quality, easy to use products that merge HP NonStop/ Compaq benefits with those from IBM and Microsoft.

BackHome is an HP NonStop application that automates the transfer of backup and restore activity across network facilities into non-NSK storage servers. The Client API for Tivoli Storage Manager, running in the HP NonStop system, links HP NonStop to Tivoli server software running in UNIX, Windows Server 2003, MVS, or other popular server environments.

BackHome/TSM also supports TM/MP tape services, such as audit tape creation and online dump activity.

The functionality of BackHome has been evolving since 1988, when ETI-NET first provided support for IBM MVS tape creation across multiplexed 9600 bps communications lines. Today, using TCP/IP or APPC, connections of 1 Gbps are common, and BackHome TSM performance makes network attachment transparent.

Users will appreciate the array of storage devices supported by Tivoli Servers, and the cost-effectiveness of sharing robotic tape subsystems with other NSK or non-NSK platforms. Disaster recovery procedures also benefit from the centralized administration that is adopted with Tivoli Storage Manager.



BACKHOME TSM

BACKUP/RESTORE

BackHome allows bi-directional transfer of backup or restore objects to and from the server. Transfer integrity is controlled by integrated modules in the API. High throughput and high line utilization are achieved through data compression and advanced I/O buffering techniques.

CATALOG

Information about files can be stored in an ETI-NET-provided catalog at backup time. Commands are available for locating and updating information in the catalog. This makes BackHome quick and easy to use for restoration of files.

FAST RESTORE

FastRestore minimizes the amount of data needing to transit the network during restores. At Backup time a catalog entry is created for each file, and a BackupID and Position Number is recorded.

At Restore time, the user builds the restore request, the Position Number is retrieved from the catalog on NSK and passed to the server holding the backup set. The server starts transmitting the files to restore from the Position Number, bypassing unnecessary files.

CHECKPOINT RESTART

BackHome provides the capability to process a backup as multiple transactions, where each transaction can be 'committed' in the form of a checkpoint. The Tivoli server provides roll-back processing to the last checkpoint when the in-process transaction fails.

TIVOLI API

The Tivoli TSM API on HP NonStop NSK operates at D38 or higher, and supports connection to every Tivoli Storage Manager server. ETI provides testing modules to allow the TSM API-to-TSM server conversation to be diagnosed, independent of BackHome.

EVENT LOGGING

Logging of all activity is written to dual alternating log files. Users may interactively access these event messages through the BackHome interactive user interface or they can be sent to the NSK EMS system. ADSM stored objects and back-up sets can also be reviewed through ADSM API commands on HP NonStop system.

BENEFITS

- Standardizes HP NonStop systems within enterprise-wide storage management approach.
- Allows access to best cost/performance storage media and subsystems available industry wide.
- Improves utilization of storage by sharing resources.
- Simplifies disaster recovery planning.
- Normalizes tape media for improved archiving and vaulting.
- Reduces tape quantity through advanced reclamation techniques.

INSTALLATION AND MAINTENANCE

Installation is easy. The system can be operational within less than four hours. Training and onsite support is available.

Maintenance support and product updates are provided as part of a standard license agreement with each product installation.

FEATURES

BACKHOME/TSM

- Non-disruptive installation
- Interactive, batch, and programmatic interfaces
- Conditional completion cascading
- Auto Restart
- Optional TMF support
- Selectable data compression
- Compatibility with job schedulers and security systems

TSM API

- Version 2.1 or Higher
- MVS, UNIX, Windows NT
- Supports all API verbs
- TCP/IP or APPC
- UNIX-like set-up
- Independent test modules
- Open or closed registration
- Password authentication
- Scalable storage pools

For more information contact ETI-NET