Q/TOS

Automated backup catalog for easy restore

Recovering NonStop files For Over 30 Years

- ♦ **GUARDIAN**
- ♦ **BR2 (OSS & SQL/MX)**
- ♦ **PAK**

QSA
Global Media Management for the HPE NonStop OS

DESCRIPTION

Q/TOS is an automated Media Catalog that provides a higher level of security, organization and tracking of backups and media on HPE NonStop Servers. Q/TOS catalogs files and objects backed up from both GUARDIAN Backup and OSS environments, including SQL/MX, using Backup/Restore2. Then automates restores from those backups. Backups using PAK are also cataloged and the archive file names are stored and utilized in restoring these files.

Backup profiles are configured in the QTOS database as Master Datasets. Each backup that uses a specific Master Dataset is stored as a version of that Dataset. Backup command files are stored in the QTOS database or existing text files can be used. The backup command can be stored in the QTOS database as a macro or entered at the QTOSCOM command line.

This allows for an organized history of the backups and the files in those backups. The backup parameters are maintained from a central application and the command files can be scanned and maintained in one place, even the edit files.

FEATURES

- ♦ **Increased security.** Q/Tos releases scratch media volumes only if they meet the criteria specified in the Q/Tos database. Q/Tos can restrict backups to prescribed users. This allows security beyond that of GUARDIAN and SAFEGUARD. The Q/Tos security configuration allows the normal backup operations to occur without regard to the logon security of the operations staff, eliminating the risky practices like setting progid on for the backup and restore program files.
- ♦ **Parallel Backups.** Track parallel backups as autonomous objects with unique life spans and destinations or merely as copies of each other.
- ♦ **Gui Interface.** Maintain and search database records with the click of a button.
- ♦ **Automated incremental backups.** Qtos keeps the timestamp of the most recent backup and resets it when a full backup is run.
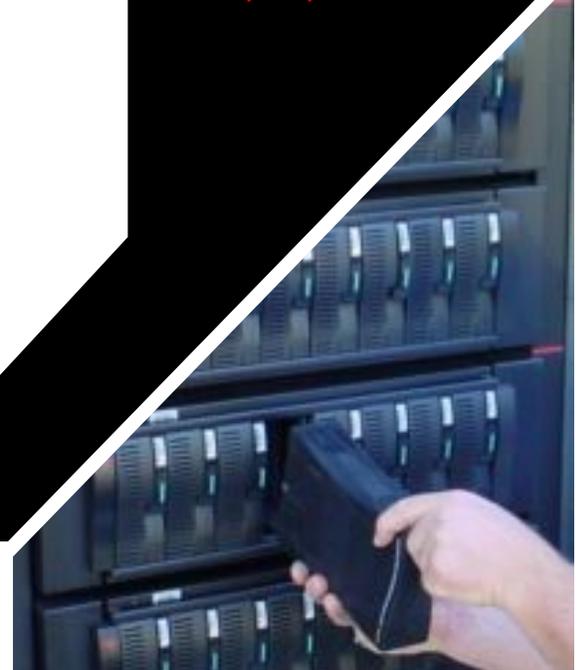
GUI Based Restore

Select restore options by clicking on checkboxes and filling in fields with specific information. Or select a user defined restore profile of predefined restore options. Click the restore button and the restore output is displayed in a separate window on the computer screen, there's no need to search the spooler to get the results.

Leverage the power of Q/Tos to enhance your operator productivity.

Q/Tos creates the defines from the information in the database. So a simple update of the backup profile (master dataset record) is all that is needed to make changes to the backup properties.

Restore is even easier. Q/Tos creates the define from the dataset record that was created when the backup was performed.

Q/TOS

Q/Tos provides your nonstop staff with a fast, user-friendly way to manage their backup media and metadata.

SET-UP SUPPORT

Although Q/Tos is easily installed and configured, every installation is a little different and we are here to assist in any way we can.

TWO TIER PRICING

Q/Tos can be licensed to access only the GUARDIAN environment or to access both the GUARDIAN and OSS environment.

EASE OF USE

Q/Tos database is maintained through an intuitive GUI application. Backup, restore and other commands are run from the QTOSCOM utility using virtually the same syntax as Backup and Restore. Q/Tos then creates the DEFINE and monitors the processes until completion, reporting any failure to the system log.

The Q/Tos login uses the password assigned in the user profile to login. Or, if so configured, the guardian password of the guardian userid assigned in the user profile can be used.

Master Dataset

Field	Value
Dataset Name	FULL-BACKUP
Security Group	QSA
Assigned Userid	
Required Scratch	0
Tape Prefix	W
Vault From	WILD
Vault To	

Tape Label Type Selection

- ☑ Store Listings   ☑ Backup
- ☑ Auto Restart   ☐ ANSI
- ☑ Auto Scratch   ☐ IBM

Retention Types Selection

- ☑ Date ☐ Date (written to label) ☐ Version ☐ Indefenite

Retention Subtype Selection

- ☐ Days ☑ Months ☐ Years

Months to Retain 3

Offsite Return Selection

- ☐ Days ☐ Months ☐ Years

Return [ ]
Offsite Reference [ ]

Version Dataset

```
Dataset Name              - FULL-BACKUP
Dataset Version           - 5
Backup Type               - Guardian
Tape Volumes Used         - 3
Dsn Id                    - 72
Label Type                - BKUP
Security Group            - QTOS
Listing Node              - \QSADEV
Release Flag              -
Remote Listing            -
Vault                     - WILD
Vault To                  -
Node Name                 - \QSADEV
Retention Calculation     -
Return Date Calculation   -
Ignore Fileidb            - FALSE
Retention Type            - INDEFINITE
Retention                 - INDEFINITE
Date Backed Up            - 10 January 2014
Return Date               -
Offsite Reference         -
Tape Prefix               - W
Tape Scratch              - A
Required Tapes            - 0
Auto Restart              - A
Store Listings            - Y
Assigned Userid           -
Backup Location Type      -
Backup Location           -
Backup Location Files     -
Dataset Info              - BACKUP $DAT,*.*.*,LISTALL,OPEN,AUDITED,BLOCKSIZE 28
                          - Tape volumes used: W00405, W00411, W00412
                          - Disk related warnings = 10916  Disk related errors = 149
                          - Files dumped = 31776  Files not dumped = 149
```