

Product Brief

CA 1[®] Tape Management

Key Benefits

- Increases IT productivity with automation and tape lifecycle management
- **Reduces costs** by minimizing offsite vaulting and tape transportation
- **Reduces risk** through scheduled, automated replication of TMCs to remote locations
- Improves problem response with an intuitive UI and access to real-time access retention scheduling

Key Features

- Automated tape lifecycle management: CA 1 manages all aspects of tape handling through flexible retention, extensive vaulting capabilities and efficient tape cycling to and from one or more offsite locations.
- **Comprehensive data protection:** Extensive integrity checking provides comprehensive tape data protection.
- Automated tape copy utility: The Copycat Utility makes tape-totape copy possible while retaining the data set attributes on the CA 1 database.
- Interfaces: Integrated with Web based and Windows® based Graphical Management Interface.
- Improved recovery time: Replicated TMCs at remote locations help to more quickly recover the CA 1 TMC to a point-in-time in the event of a local failure.

At a Glance

CA 1[®] is designed to simplify and unify the management and protection of z/OS tape data sets and volumes. It automates day-to-day tape management tasks to enable a higher level of integrity for tape data while providing comprehensive protection against the inadvertent destruction of tape files. CA 1 integrates with the latest automated tape libraries and robotics systems, both virtual and real. Moreover, it automates tape management tasks while providing protection against the inadvertent destruction of tape files and streamlines the process of protecting this vital resource. CA 1 is also scalable and extensible to encompass tape management across the enterprise.

Business Challenges

Storage Managers find it difficult to perform the following tasks:

- Secure and protect large amounts of tape files generated across dispersed environments.
- Automate complex and time-consuming manual tape management tasks.

They must maintain data integrity, yet may lack the tools to continually check business data and prevent overwriting. They need a streamlined way to obtain detailed tape volume information and desire a common platform for more efficient management practices. They also want a solution that can be integrated with other enterprise management functions, including security, scheduling, restart/rerun, automated operations and output management.

Solution Overview

CA 1 controls and protects z/OS tape datasets and volumes. It automates tape management tasks while protecting against the inadvertent destruction of tape files and features and providing comprehensive tape library inventory and audit tracking, including offsite vaults and utilities for controlling tape and catalog maintenance activities.

It includes the capability to replicate the Tape Management Catalog (TMC) from one system or location to one or more remote active data centers by utilizing the replicated copy at a remote location. This helps you resume secure tape processing in the event of a failure with minimal downtime, supporting faster Recovery Time Objective. Users can more conveniently examine volumes and files from specific backup checkpoints to assist in audits and chargeback processes using an enhanced user interface.

Critical Differentiators

Broadcom® Storage Management solutions are designed to be different than traditional storage vendors. We are software, not hardware, and that is important. We are vendor-neutral. We go beyond proprietary storagespecific offerings that just offer hardware-specific installation, management and support. Plus, we can help you address compliance and green initiatives—while also increasing efficiency and improving the security of your business information.

Related Products

- Vantage[™] Storage Resource Management helps maximize use of your entire storage infrastructure.
- Vtape[™] Virtual Tape System improves tape utilization and processing performance with virtualization.

Unify and Simplify Tape Storage Management Operations

() CA SRM and CA Vantage Windows Client [Admi	
Client z/OS Open Systems Tools Wind	ow Help
🔗 🕸 💩 📷 📴 😥 🙈 📷 🔳 🙆 🤀	
🚯 Object Tree 💿 📼 🖾	Σ Created PGM by MB(1)
🗀 🗔 📧 🛝 🤣	File View Edit Operate Actions Options Help File View Graph Operate Options Help
💥 z/OS DE35	調 🚓 Show Line: 22・ 👎 鉢 🚳 🔍 当 魚 💩 🥔 😂 😕 🐨 🖉 🖉 🖾 🗒 🗮 🗋 🥔
H allocation Control	Cre Pym Count Pet V TOTWS (W) FSTCre Pym Sysperview LawVan Subsystem/an
Generation and Logging Generation and Archive Management	1 FTPONS 103,275 28 1.043,750 FTPONS LOCAL DE35 MCD
CA Vantage Internal Management	2 ARCCTL 54,278 13 1,646,344,561 ARCCTL LOCAL DE35 MCD
Catalog Management	3 SYNCSORT 44,172 11 80,607,789 SYNCSORT LOCAL DE35 MCD SYNCSORT 3%
Data Set Groups (Applications) Deta Set Management	4 MACTL 44765 10 5787605 MACTL LOCAL D035 MCD ADDR559 94
Database Management	6 EBGENER 33,465 8 69,036,238 EBGENER LOCAL DE35 MCD
DFSMS Constructs	7 DMSBCF 27,445 6 40,988,831 DMSBCF LOCAL DE35 MCD
Distributed Sys Views From 2/05 Encryption Key Management	8 ADRDSSU 19,545 4 220,019,969 ADRDSSU LOCAL DE35 MCD FASTOENR: 15%
Hardware Errors - Disk/Tape	9 PF55RN14 4,788 1 27,161,593 PF55RN14 LOCAL DE35 MCD *
Performance Management (DASD)	DE35 / MCD - (S00CDR0E) Created PGM by MB(1) RT Records: 21
8 AlD Devices	
Gorage Groups Groups Gorage Resource Management	Yearly files count by Created date(2)
+ Tape Units	File View Edit Operate Actions Options Help
CA Tape Encryption	📓 🖄 Show Line: 22 + 🖤 封 🚱 🗃 🔊 🧶
CA Encryption Key Manager Tape Management Systems	Range Count Pot FSTCreation Dat T0TWB (M) SyspicxVan LparVan SubsystemVan A
8- CA 1	6 previous year 2014 4 2 01-Jan-2014 0 LOCAL 0E35 MCD
D - So Volumes	7 2012 1 2013 (2 years) 0 mone mone book 0200 mod
One Pools	8 207-2011 (\$ years) 0 - Hone - Hone LOCAL D235 MICD 9 1987-2016 (19 years) 0 - Hone - Hone LOCAL D235 MICD
Control Records	a rear 2000 (19 years) 0 - Hunte - Hone - Hone Code, DESS MCD
Range Display	11 UNASSIGNED 0 -None -None LOCAL DE35 MCD Creating Program Name
- Constant System Definitions - Constant System Chains	12 ALL RECORDS 180 100 01-Jan-2014 0 LOCAL DE35 MCD - Acquired: 1/26/2016 8.21.39 AM
- Audt Details	🖬 🖬 🚺 DE35 / MCD - (S00BWNKH) Yearly files count by Created date(2) RT Records: 12 🖉 🖬 🖬 🗍 DE35 / MCD - (S00CDRQE) Created PGM by MB(1) RT Records: 21
- K Audt Change Report	
Backup TMC Volumes	🗞 CA1 Volumes 📼 🖬 😟
Backup TMC Files Summaries	File View Edit Operate Actions Options Help
* CA TLMS	19 😋 Show Line: 📃 29 マ 💱 🚳 時 🔍 🔁 😂 20 😥 🛷
DFSMSrmm	Volume Data Set Name Exo Date External Date Vol Sen Nrr Frist Vol of DS / Nev Vol of DS Next Vol of DS DSNBs Rec Tech Density Label Rectm Lineol Bissz DS Block Court NB (N) Bytes Date Out Area Out Code Vout Stot +
ASG-Zara Robotic Systems	1 00000 -NA 006001 1960-01-01 1 -NA -NA -NA 0 18TRK 38K SL -NA 0 0 0 0 0 -None -NA 0
Virtual Tape Systems	2 00001 -NA 005001 1960-01-01 1 -NA -NA 0 1878K 38K SL -NA 0 0 0 0 0 -None -NA 0
🖲 🫅 Tape Devices & Media	3)00002_HA 006001 1960-1-01 1-NA -NA -01 0176K 38K SL -NA 0 0 0 0 0 -None -NA 0
Audts Of Tape Management Systems Data Set Groups (Applications)	4 00003 HA 006001 1990-0-01 1 -NA -NA -NA 0 1977K 38K SL -NA 0 0 0 0 0 -None -NA 0 5 00004 - HA 006001 1990-0-10 1 -NA -NA -NA 0 1977K 38K SL -NA 0 0 0 0 0 -None -NA 0
UNIX for z-Series	6 000005 -NA 0060001 1969-91-01 1 -NA -NA 0 15TEK 38K SL -NA 0 0 0 0 0 -Mone -NA 0 -
E Volumes (DASD)	
E z/OS System Resources	🖬 🖬 📶 [DE35/MCD-/VISTMCS) CA 1 Volumes RT Records: 501
К	RI Recids.501 //

Supported Environments

- CA 1 runs on any IBM supported release of z/OS.
- TMC replication is applicable to customers deploying multiple, active data centers. CA 1 must be running at both the local and remote sites to leverage this feature.
- Up to 31 active data centers may participate in TMC replication configuration or TapePlex.

For more information, please visit www.broadcom.com/products/ mainframe/operations-mgmt/1-tape-mgmt.



For more product information: broadcom.com

Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries. All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies. CS200-173985-0422 April 14, 2022