Course Content of DIV Archeive Adminstration Training ED1

Overview

What Is DIVArchive? DIVArchive Functions DIVArchive Strengths DIVArchive Scalability

Main Functions Storing Content Retrieving Content
Partially Retrieving Content Transcoding Content Mirroring Content
Deleting Content Data Flow

Architecture
Actor: Data Transfers, Storage I/O, Partial Restore, Transcoding Manager: API, Requests, Catalog
Robot Manager: Robot Control Storage Plan Manager: Life Cycle
Database: Catalog, Configuration, System Audit Software Architecture
Software Components DIVArchive APIs

Concepts Source/Destination Object, Object Naming
Media, Media Types and Names
Instance, Instance Separation, Online Versus Offline Instances Object Catalog
Database

Graphical User Interfaces

Control GUI Configuration Utility
Object Transfer Utility (OTU) Connecting GUIs

Request Management
Request Priority
Manager Queue Priority Tier Request Steps and Statuses Quality of Service
Direct, Cache and Nearline QOS Resource Tuning
Automatic Error Recovery and Resource Failover Resource Status

Storage Plan Manager Storage Plan Manager Sample Workflow
Slots
Tiered Storage SPM Actions
Storage Plan Assignation Disk Instance Deletion SPM Actions Panel

Advanced Features
Partial Restore
Multiple Restore (N-Restore) Object Cloning (Copy As) Transcoding
Tape Export and Import Data Checksum Complex Objects

Disk Storage Disk Array Sample Arrays
Disk Access Modes

Tape Storage
Tape Library Interfaces Tape Barcode
Tape Group and Set Volume Selection Repack Externalization
WORM Volumes (Sony ODA)

Migrate Service Migrate Service Interfaces
Job and Source Types

Running a Migrate Job: GUI and Command Line Monitoring and Controlling Migrate Jobs
Job Completion Status
Main Configuration File Parameters

Advanced Configuration Options
Metasource and EXPEDAT Source/Destination Types Mixed Drives and Media
Multiple Robots, Multiple Sites Application Filtering
Drop Folder Monitor (DFM) SNMP Agent
VACP Converter (Harris ADC) Automated Failover

Maintenance
DIVArchive Services
Starting and Stopping DIVArchive Database Backup
Daily and Weekly Maintenance Tasks Adding New Tapes to the Library Tape Drive Maintenance
Recover Damaged Tape Utility (RDTU)

Troubleshooting Manager Failures Tape Library Failures Tape Shortage
Cache or Storage Disk Full Drive Failures
Actor and Source/Destination Failure Request and Event History
DIVArchive Traces, Customer Information Collection Tool

Expanding Your System
Add Components and Features Migrate Your Video and Tape Formats Secure Your Data