TECHNO EXPERT SOLUTIONS

AN INSTITUTE FOR SPECIALIZED STUDIES!

Techno Expert Solutions

Course content of Oracle Hierarchial Storage Manger & QFC6.0 Admin ED1

Introduction

- Course Objectives
- Introduction to lab environment

Overview

- Describe an overview of StorageTek QFS
- Define the major components
- Describe what the functions are and how they work
- Describe StorageTek QFS configuration basics
- Explain what a filesystem and disk partitions (slices) are and how to format them

Installing StorageTek Storage Archive Manager QFS

- Plan your environment for StorageTek Storage Archive Manager QFS software
- Describe the StorageTek Storage Archive Manager QFS software package
- Install StorageTek Storage Archive Manager QFS and StorageTek QFS software
- Install StorageTek QFS Manager
- Explain basic Installation Configuration steps

Configuring StorageTek QFS File Systems

- Describe StorageTek QFS file system configurations
- Describe StorageTek QFS software performance components
- Size Disk Allocation Units (DAUs) for performance
- Explain metadata performance considerations
- Describe StorageTek QFS shared file system features
- Describe shared file system administration operations

Configuring the Archiver

- Describe archive process features
- Describe archive cycle events
- Describe archive set concepts and features
- Describe archive file status flags and attributes
- Describe the archiver.cmd file structures
- Configure the archiver.cmd file directives
- Use the sfind command

Configuring the Releaser and Stager

- Describe releasing, staging, and recycling planning
- Describe the releasing process
- Customize releasing behavior by using the command line interface (CLI)
- Describe the staging process
- Customize staging behavior by using the CLI

Configuring the Recycler

- Describe the recycling process
- Explain the default recycle behavior
- Identify the differences between archiver-based recycling and library-based recycling
- Customize recycling behavior by using the command-line interface (CLI)

Disaster Planning and Recovery

- Describe data protection guidelines
- Describe metadata backup guidelines
- Perform metadata dumps by using the command-line interface (CLI)
- Automate metadata backups by using SAM-QFS Manager

- Restore files

High Availability and Failover

- Describe the supported SAM-QFS high-availability configurations

5.3 and 5.4 New Features

- Describe Solaris 11 with StorageTek QFS
- Describe DIV and periodic DIV
- Describe CIFS
- Describe NFSv4 style ACLs
- Explain LTFS integration with SAM
- Describe Distributed I/O feature
- Explain samsetup
- Learn Linux client support