

Introduction to Tandem for Operators

Course Summary

Description

This course is for all operations personnel who will have hands-on responsibility for Tandem system(s). This is an intensive hands-on introduction to Tandem fundamentals. The student will be introduced to the concepts of fault tolerance, parallelism, and scalable architecture. They will have heavy hands-on labs using the more common utilities.

Topics

- The Basics Defined
- Basic Utilities
- Hardware and Operating System Features
- Basic Guardian Security
- K-Series & S-Series Maintenance Utilities

Audience

This course is designed for those who will operate, manage operations, or administer databases on the Tandem system(s).

Prerequisites

There are no prerequisites for this course.

Duration

days

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Course Outline

I. The Basics Defined:

- A. Tandem History
- B. Fault Tolerance
- C. Data Integrity
- D. High Performance
- E. Scalability
- F. Continuous Availability
- G. Parallelism
- H. Interprocess Communication
- I. ServerNet

II. Basic Utilities

- A. Using TACL
- B. Help Key
- C. Productivity Tools
- D. Implicit and Explicit RUN Commands
- E. FUP
- F. PERUSE
- G. Edit and TEDIT
- H. DSAP
- I. LAB

III. Hardware and Operating System Features

- A. Process Components & Identification
- B. NonStop Processes
- C. "I'm Alive"
- D. Process Priority and the Ready List
- E. File Types
- F. NonStop SQL/MP

IV. Basic Guardian Security

- A. System Views
- B. User Logons and Identification
- C. File Access Rules
- D. File Access by Processes
- E. Remotepasswords
- F. Safeguard

V. K-Series & S-Series Maintenance Utilities

- A. Peripheral Utility Program (PUP)
- B. Tapecom
- C. Mediacom
- D. BACKUP and RESTORE
- E. LOAD and RELOAD
- F. Disk Compression (DCOM)
- G. Viewsys
- H. ViewPoint
- I. Tandem Maintenance and Diagnostics System (TMDS)
- J. Subsystem Control Facility (SCF)
- K. Tandem Service Manager (TSM)
- L. Measure