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PeopleSoft Administration (PeopleSoft DBA & System Admin) Training Curriculum Online by Certified Consultant

Module 1: Introduction to PeopleSoft

- ERP Fundamentals
- Introduction to Oracle PeopleSoft
- PeopleSoft Product Family
- PeopleSoft HCM
- PeopleSoft FSCM
- PeopleSoft Campus Solutions
- PeopleSoft CRM
- PeopleSoft Enterprise Learning Management (ELM)
- PeopleTools Overview
- PeopleSoft Release Strategy
- PeopleSoft Update Manager (PUM)
- PeopleSoft Image Concept

Module 2: PeopleSoft Architecture

Pure Internet Architecture (PIA)

- PeopleSoft Architecture Overview
- Client Tier
- Web Tier
- Application Tier
- Database Tier
- Integration Tier
- Search Framework
- Elasticsearch/OpenSearch Overview
- Report Repository
- Process Scheduler Architecture

Module 3: PeopleTools Architecture



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- PeopleTools Components
- PeopleTools Versions
- Application Designer
- Data Mover
- Process Scheduler
- Application Server
- Web Server
- Integration Broker
- Portal
- Search Framework
- PeopleCode Overview
- Change Assistant

Module 4: Environment Planning

- Hardware Sizing
- Software Requirements
- Operating System Support
- Database Selection
- Middleware Requirements
- Network Planning
- Storage Planning
- High Availability Planning
- Disaster Recovery Planning

Module 5: Database Installation

- Oracle Database Installation
- SQL Server Support
- IBM Db2 Support
- Database Creation
- Character Sets
- Tablespaces
- Database Users
- Database Security
- Initial Configuration

Module 6: PeopleTools Installation

- Oracle Software Delivery Cloud



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- Download PeopleTools
- Installation Manager
- Install PeopleTools
- Install Client Tools
- Install PeopleBooks
- Patch Installation
- Verification

Module 7: PeopleSoft Database Setup

- Database Configuration Wizard
- Data Mover
- Import Demo Database
- Import SYS Database
- Connect to Database
- Verify Installation
- Bootstrap Process

Module 8: Oracle WebLogic Server

- WebLogic Architecture
- Install WebLogic
- Domain Creation
- Managed Servers
- Node Manager
- SSL Configuration
- Deployment
- Monitoring
- Troubleshooting

Module 9: Tuxedo Administration

- Tuxedo Overview
- Install Tuxedo
- Tuxedo Configuration
- Domain Creation
- Server Processes
- Boot Process
- Shutdown Process
- Monitoring



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- Troubleshooting

Module 10: Application Server Administration

- Application Server Concepts
- Domain Creation
- Domain Configuration
- psadmin Utility
- Cache Management
- Server Processes
- Startup
- Shutdown
- Logs
- Troubleshooting

Module 11: Web Server Administration

- PIA Installation
- Web Profile
- Virtual Directories
- Web Domain
- SSL
- Session Management
- Load Balancing
- Troubleshooting

Module 12: Process Scheduler Administration

- Process Scheduler Installation
- Process Types
- Queues
- Server Definitions
- Process Monitor
- Report Repository
- Scheduler Domains
- Scheduling Jobs
- Process Logs

Module 13: Security Administration



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- User Profiles
- Roles
- Permission Lists
- Row-Level Security
- Query Security
- LDAP Integration
- Single Sign-On (SSO)
- Multi-Factor Authentication (MFA)
- Password Policies
- Audit

Module 14: Integration Broker

- Integration Broker Architecture
- Gateways
- Nodes
- Service Operations
- Handlers
- Routings
- Queues
- REST Services
- SOAP Services
- Web Services
- Troubleshooting

Module 15: Search Framework

- Elasticsearch/OpenSearch Installation
- Search Definitions
- Search Categories
- Index Creation
- Crawl Process
- Incremental Index
- Troubleshooting

Module 16: Change Assistant

- Change Assistant Installation
- Configuration
- Applying Patches



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- Applying PeopleTools Updates
- Applying Tax Updates
- Applying Images
- Compare Reports
- Troubleshooting

Module 17: PeopleSoft Update Manager (PUM)

- PUM Overview
- PUM Images
- Selective Adoption
- Change Packages
- Patch Management
- Environment Refresh
- Applying Updates

Module 18: Migration

- Data Mover Scripts
- Projects
- Application Designer Projects
- Copy Environment
- Refresh Environment
- Migration Strategy
- Validation

Module 19: Performance Tuning

- Database Performance
- SQL Performance
- Application Server Tuning
- WebLogic Tuning
- Tuxedo Tuning
- Cache Tuning
- JVM Tuning
- Process Scheduler Tuning
- Load Testing

Module 20: Monitoring



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- PeopleSoft Health Check
- Domain Monitoring
- Process Monitoring
- Log Files
- Trace Files
- PSADMIN Monitoring
- Performance Metrics
- Oracle Enterprise Manager (OEM)

Module 21: Backup & Recovery

- Database Backup
- Application Server Backup
- Web Server Backup
- Configuration Backup
- Disaster Recovery
- Recovery Testing
- Clone Environment

Module 22: Cloud Administration

- PeopleSoft on Oracle Cloud Infrastructure (OCI)
- Cloud Manager
- Lift-and-Shift
- Cloud Provisioning
- Environment Cloning
- Autoscaling
- Cloud Monitoring

Module 23: Linux Administration for PeopleSoft

- Linux Basics
- File Systems
- Users & Groups
- Services
- Process Management
- Shell Scripting
- Cron Jobs
- Permissions
- Environment Variables



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Module 24: Automation

- PSADMIN Automation
- Shell Scripts
- Backup Scripts
- Startup Scripts
- Monitoring Scripts
- Scheduler Automation
- Health Check Scripts

Module 25: Troubleshooting

- Login Issues
- Application Server Down
- Web Server Issues
- Scheduler Failures
- Database Connectivity
- Tuxedo Errors
- Integration Errors
- Search Issues
- Performance Problems
- Memory Issues

Module 26: High Availability

- Load Balancing
- WebLogic Clustering
- Tuxedo High Availability
- Database High Availability
- Disaster Recovery
- Failover
- Zero Downtime Maintenance

Module 27: Environment Management

- DEV Environment
- TEST Environment
- UAT Environment



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- PRE-PROD Environment
- PROD Environment
- Environment Refresh
- Environment Cloning