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 **TechnocratsDomain**
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WPS 6.1 and Higher

Technocrats Domain is a **staffing, consulting and training** service provider specializing in IBM middleware services in US, UK, Canada, and India since 1999. We've provided **WPS, WTX, WMB, Infosphere** services customized for EAI, ERP, ETL and ESB for many clients including:

- **Retail & Supply Chain**
 - GT Nexus
 - Home Depot
 - Medtronic
 - Rent A Center
 - Sigma Aldrich
 - UPS
- **Financial & Property Causality**
 - Bank of New York
 - DTCC
 - Deutsche Bank (Russia)
 - Island Insurance
 - Principal Financial Group
 - Wachovia (Wells Fargo)
- **Insurance**
 - Affiliated Computer Science
 - Medicaid and Medicare for GA, FL
 - Blue Cross Blue Shield –
 - Hawaii
 - Puerto Rico
 - Catholic Health East
 - Palmetto Health
 - Nasco
 - United Health
- **Service Provider & Others**
 - Accenture
 - Bearing Point
 - Bell South (AT&T)
 - Logica CMG (UK)
 - Praxair
 - Trans Canada
 - Cognizant
 - Wipro

Technocrats Domain Inc provides WPS training in Development (WID) and Administration.

IBM Websphere Process Server - Development (WID):

Basic Level:

Oriented for first time users of WPS/ESB/WID,

- New to middleware technology (SOA architecture)
- Professionals who are migrating from Java technology.

Prerequisite: Basic Knowledge of core java.

Advance Level:

Oriented for resources that are skilled in other SOA technologies like Oracle SOA suite, TIBCO

Prerequisite: Knowledge of SOA architecture, SOA components like BPEL, Mediation

IBM Websphere Process Server -- Administration:

Oriented for resources that have basic knowledge of Application server, Databases and some exposure to any middleware technologies (Tibco, WTX, BizTalk, etc)

IBM WebSphere Process Server --Development (WID):

Basic Level: Course Outline: (Overview of the details covered in the training)

Duration 3 Days: WebSphere Integration Developer 6.1, 6.2, 7.0

1. Introduction:

- Business Integration tool versions
- WID Introduction
- SCA components introduction
- Hello, World Lab
- Business Object Introduction
- Interface
- Use of Components
- Use of Activities
- Use of Library

2. BO's and Interfaces:

- Creating Workspace and creating project
- Creating Business Objects
- Types of Business Objects
- Creating Interface
- Use of Interface
- Creating Library
- Creating Dependencies

3. Building Business Process:

- Creating Business Process
- Adding Interface to Business Process
- Adding Activities: Assign, Snippet, Invoke to Business process and implementing activities
- Assembling business Process and Deploying on Server

4. Creating SCA Binding:

- Building Business Process
- Assemble Business Process
- Generating SCA Binding
- Using SCA Binding into another Module

5. Webservice Binding:

- Building Business Process
- Assemble Business Process in to Assembly Diagram
- Generating Webservice Binding
- Using Webservice in to another Module

6. Business Object Map

7. Type casting

8. Building Business Process using structured activities

- Choice
- While Loop
- Scope

9. Creating Selector

10. Implementing Java components

11. Creating Mediation Module

- XSLT Transformation
- SetMessageType
- Message Filter
- Message Element Setter

Advance Level:

Course Outline: (Overview of the details covered in the training)

Duration 3 Days:

- 1. Creating Business Rules**
- 2. Interface Map**
- 3. Creating human task**

- 4. WebSphere Process Server with database**
 - Creating Data sources
 - Developing applications with database

- 5. Creating Aggregation scenario**
 - Fan In
 - Fan Out
 - Service Invoke
 - XSLT Transformation

- 6. Creating Flat File Adapter**
 - Inbound
 - Outbound

- 7. Deploy application on server**
 - Testing Application
 - Generate .ear files
 - Install in server

- 8. Testing application through SoapUI**
- 9. Simple Application Exercise**
- 10. Lab Practice with Real time scenarios.**

IBM Websphere Processes server (6.1, 6.2, and 7.0) -- Administration:

Duration 3 Days:

- Install and configure WebSphere Process Server
- Describe WebSphere Process Server architecture, concepts, and terminology
- Describe the deployment considerations for WebSphere Process Server components
- Describe the WebSphere Process Server high availability topologies and their selection criteria
- Create a WebSphere Process Server clustered environment
- Verify failover functionality in a clustered environment
- Configure the business process engine
- Configure and work with Business Space
- Deploy and manage business applications
- Work with human tasks
- Work with the administrative console and management tools
- Configure the Common Event Infrastructure
- Perform a deployment environment installation

Course Outline: (Overview of the details covered in the training)

- Course introduction
- Overview of WebSphere Process Server
- WebSphere Process Server installation
- Exercise: Installing WebSphere Process Server
- Architecture overview
- Exercise: Configuring the cell
- WebSphere Process Server components
- Exercise: Installing the IBM HTTP Server
- WebSphere Process Server deployment topologies
- Exercise: Creating the clusters
- Introduction to the service integration bus
- Exercise: Configuring the messaging cluster
- Service integration bus and Service Component Architecture
- Business process choreography concepts
- Business process choreography runtime overview
- Exercise: Installing and configuring the business process and human task containers
- Exercise: WebSphere Process Server administration
- Introduction to Business Space
- Exercise: Configuring Business Space
- Human tasks
- Exercise: Working with human tasks
- Business rules and selectors
- Exercise: Working with business rules
- Introduction to the Common Event Infrastructure
- Exercise: Configuring the Common Event Infrastructure
- WebSphere Process Server template-driven deployment

- Exercise: Performing a deployment environment installation
- Exercise: Completing a deployment environment installation
- High availability manager, core groups, and policies
- Exercise: Creating messaging engine policies
- WebSphere Process Server advanced topologies
- Course summary.

Note: WPS is an IBM owned software