

Tibco Course Content:35-40hours

Course Outline

1. EAI concepts

- Introduction to Integration and EAI tools
- EAI tools in the market
- What is TIBCO?

2. TIBCO

- TIBCO Runtime Agent (TRA)
- How TIBCO supports EAI

3. TIBCO BUSINESS WORKS

- Introduction to Business works
- Installation of TIBCO
- Overview of TIBCO designer and Tester Utility
- Working with palettes with complex Transformations.
- FILE
- XML
- PARSE
- HTTP
- JDBC
- SOAP
- WSDL
- XML tools
- XML activities
- GENERAL Configuration palette
- JMS palette
- Java palette
- Transaction palette
- Service palette
- Creating Alias Library
- Overview of Grouping and its usage

- Overview and usage of various variables in TIBCO BW
- Xpath formula builder

4. **WEB SERVICES**

- Introduction to Web services and SOAP
- WebServices implementation in Tibco BW using
- SOAP Palette / Service Palette

5. **TIBCO EMS**

- Introduction & Architecture of JMS
- Overview of EMS
- Message mode
- Topics / Queues
- Difference between Topics & Queues
- Creation of topics/queues
- Bridging topics
- Persistence and non persistence
- Durable/non durable
- EMS Examples
- Creating Bridges
- Granting privilage, etc
- Routes & Fault Tolerance

6. **TIBCO ADAPTERS**

- ADB Adapter with example
- File Adapter with example
- SAP Adapter
- MQ Series Adapter

7. **TIBCO RENDEZVOUS**

- Introduction to Rendezvous
- Rendezvous Architecture
- Types of messaging
- Reliable messaging & certified messaging
- Rendezvous Examples
- Publish/subscribe, Point to Point, multicast messaging
- Distributed Queue
- Fault Tolerance

- Virtual circuits
- Rendezvous routing Demon (rvrd)
- Rendezvous Agent (rva)

8. TIBCO ADMINISTRATOR

- Introduction to TIBCO Administrator
- Creating & deploying ear files
- Creation of domain
- How to add a machine in a domain
- Creating user and roles
- How to grant roles to the User.
- Creating Applications
- How to deploy EAR file
- How to start/stop the process
- Monitoring Applications.
- Configuring Fault Tolerance & Load Balancing
- How to add secondary server into a Domain.
- How to add EMS server into a domain
- How to enable HTTPS
- How to enable HAWK in administration
- Checking the log files

9. TIBCO HAWK

- Hawk Introduction
- How to configure HAWK
- Demonstrating rule bases
- Loading Hawk rule bases in Administrator
- How to monitor the processes, operating systems.
- TIBCO SMART MAPPER