Administration Training Course for IBM ACE

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| **Topic** | **Content** | **Time** |
| **Day 1 Start Time : 9 AM** | | |
| **IBM WebSphere MQ Administration** | * Course Introduction * Introduction to MQ administration * IBM MQ overview * MQ pre-requisites and installation | **2 hours**  9am – 11am |
| **Break** | | **10 mins**  11am – 11:10 am |
| **IBM WebSphere MQ Upgrade** | * Upgrade MQ component | **1 hours 50 mins**  11:10am – 13:00 pm |
| **Lunch** | | **1 hour**  13:00pm – 14:00 pm |
| **Backup and restore IBM MQ** | * MQ Backup and restore overview * Exercise: Backup & restore MQ | **1 hours 20 mins**  14:00pm – 15:20 pm |
| **IBM MQ – Publish/Subscribe** | * Publish and Subscribe feature in IBM   MQ | **1 hour**  15:20pm – 16:20pm |
| **Break** |  | **10 mins**  16:20pm – 16:30pm |
| **IBM WebSphere MQ - recap** | * Questions & answers | **50 mins**  16:30pm – 17:20pm |
| **Day 2** | | |
| **IBM Integration Bus overview** | * Broker History * IIB Road map * IIB architecture * Types of IIB | **2 hours**  9am – 11am |
| **Break** | | **10 mins**  11:00am – 11:10am |
| **Product Installation, configuration, and security planning** | * Hardware & Software requirements * Installation and configuration * Security Consideration * Exercise: Installation & Configuration | **1 hours 10 mins**  11:10am – 13:00pm |
| **Lunch and Prayer Break** |  | **1 hours**  13:00am – 14:00pm |
| **Product Installation, configuration, and security planning** | * Exercise: Installation & Configuration * MQ Objects and management | **1 hour 20 mins**  14:00am – 15:20pm |
| **Integration Bus fix pack installation** | * Deciding Fix Pack to be deployed * Exercise: Fix Pack installation | **1 hours**  15:20am – 16:20pm |
| **Break** | | **10 mins**  16:20am – 16:30pm |
| **Integration Bus fix pack installation** | * Exercise: Fix Pack installation | **30 mins** |

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|  |  | 16:30am – 17:00pm |
| **Recap** | * Questions & answers | **30 mins**  17:00am – 17:30pm |
| **Day 3** | | |
| **Installation and integration node setup and customization and connecting with MQ** | * MQ connection options   + Client Connection   + Local connection   + Client Connection definition table | **1 hour**  9:00am – 10:00am |
| **Administration in the Integration Bus Toolkit** | * IBM App Connect Enterprise Toolkit concepts * Basic configuration tasks * Deploying message flows from the App Connect Enterprise Toolkit * Testing message flows | **1 hour**  10:00am – 11:00am |
| **Break** | | **10 mins**  11:10am – 11:20am |
| **Administration basic** | * Integration Bus basic command * Managing Integration Nodes and Servers | **1 hour**  11:20am – 12:20pm |
| **introduction to Web User interface** | * Managing Integration Servers from Web GUI * Managing Integration nodes and   servers – command line | **40 mins**  12:20pm – 13:00pm |
| **Lunch and Prayer Break** | | **1 hour**  13:00pm – 14:00pm |
| **Implementing IIB administration Security** | * File-based * Queue-based * Exercise: File Based Security | **2 hour**  14:00pm – 16:00pm |
| **Break** | | **10 mins**  16:00pm – 16:10pm |
| **Configuring ODBC and JDBC connection** | * Configuring ODBC and JDBC   connection | **20 mins**  16:10pm – 16:30pm |
| **Recap** | * Questions & Answer | **30 mins**  16:30pm – 17:00pm |
| **Day 4** | | |
| **Administering web services and web services security** | * IBM Integration Bus in a web services environment * SSL on HTTP Connections * WS-Addressing and WS-Security | **1 hour**  9:00am – 10:00am |
| **Backup and restore IIB** | * Backup and restore integration nodes * Exercise: Backup & restore | **1 hour**  10:00am – 11:00am |

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| **Break** |  | **10 mins**  11:00am – 11:10am |
| **Global Cache** | * Configuring global cache integration   servers | **15 mins**  11:10am – 11:25am |
| **High Availability (Clustering, Load balancing)** | * Multi-instance QMGR & Integration Node * Exercise: Multi-Instance QMGR &   Node | **1 hours 35 mins**  11:25am – 13:00pm |
| **Lunch and Prayer Break** |  | **1 hour**  13:00pm – 14:00pm |
| **Diagnosing Problems** | * Diagnosing Integration Bus problems | **1 hour**  14:00pm – 15:00pm |
| **Course Summary & feedback** | * Summary of the Course * References and Documentation * feedback session | **30 mins**  15:00pm – 15:30pm |