

IBM-APP-CONN**Administración ACE**

50 horas

Cloud Computing Platforms

Netec

INTRODUÇÃO

This course gives administrators training on IBM App Connect Enterprise system administration. It is also relevant for IBM App Connect Enterprise developers who also work in an administrative capacity. In this course, you learn how to administer IBM App Connect Enterprise on distributed operating systems, such as Windows and AIX, by using the IBM App Connect Enterprise administrative interfaces. These interfaces include the IBM Integration web user interface and the IBM App Connect Enterprise commands. The course begins with an overview of IBM App Connect Enterprise. Subsequent topics include initial product installation and maintenance, environment configuration, and basic administrative tasks such as backing up and recovering the environment. You learn about product requirements, securing access to IBM App Connect Enterprise resources and message flows, problem determination and resolution, and performance monitoring and tuning. You also learn techniques for extending the capabilities of IBM App Connect Enterprise. The course also covers the publish/subscribe model and reviews the Java Message Service (JMS) transport protocol and web services. In the course lab Module Activities, you gain hands-on experience with IBM App Connect Enterprise administrative tasks such as managing IBM App Connect Enterprise runtime components, monitoring message flow applications, and configuring security.

OBJETIVO DO CURSO

Install and configure an IBM App Connect Enterprise instance

Establish, maintain, and manage an integration node

Administer IBM App Connect Enterprise components and message flow applications by using the IBM Integration web user interface and command interface

Configure connectivity to IBM MQ to enable IBM App Connect Enterprise to get messages from, or put messages to, queues on a local or remote queue manager

Implement IBM App Connect Enterprise administration and message flow security

Use problem determination aids to diagnose and solve development and runtime errors

Use the IBM Integration web user interface to generate and display message flow statistics

Use IBM MQ or MQTT to publish and subscribe to IBM App Connect Enterprise topics

Implement an IBM App Connect Enterprise global cache to store, reuse, and share data between integration nodes

Use workload management policies to adjust the processing speed of messages and control the actions that are taken on unresponsive flows and threads

Use the IBM Integration web user interface and a database to record events and replay messages

Enable an integration node to connect to a database with ODBC and JDBC

Configure a Java Message Services (JMS) provider for use with the JMS nodes

Configure IBM App Connect Enterprise for the secure file transfer protocol (SFTP)

Find and install IBM App Connect Enterprise SupportPac components

PÚBLICO-ALVO

This course is designed for IBM App Connect Enterprise administrators and developers who administer IBM App Connect Enterprise

PRÉ-REQUISITOS

Before taking this course, you should have hands-on experience with the Windows operating system, and be familiar with basic security practices and protocols such as Secure Socket Layer (SSL) and Lightweight Directory Access Protocol (LDAP). Experience with IBM App Connect Enterprise message flow development and IBM MQ system administration is helpful, but not required.

CONTEÚDO PROGRAMÁTICO

Module 1: Introduction to IBM App Connect Enterprise 12

Module 2: Product installation, configuration, and security planning

Module 3. Connecting to IBM MQ

Module 4. Administration in the IBM ACE 12 Toolkit

Module 5. Administration basics

Module 6. Implementing IBM ACE administration security

Module 7. Diagnosing problems

Module 8. Monitoring the integration node and message flow performance

Module 9. Publish/ subscribe implementation overview

Module 10. Configuring IBM ACE for high availability

Module 11. Extending IBM Integration Bus

Module 12. Application development fundamentals

Module 13. Creating message flow applications

Module 14. Controlling the flow of messages

Module 15. Mapping messages with the Graphical Data Mapping editor

Module 16. Referencing a database in a message flow application

Module 17. ESQL syntax and the Compute node