

IBM MQ Clustering Design & Administration

Course Summary

Description

This three-day course describes and explains how to design, set up and administer effective IBM MQ clustering. A significant feature of this course is the time devoted to extensive practical exercises. The exercises are conducted in a Windows environment, but the principles learned are relevant to all IBM MQ implementations, including z/OS.

Objectives

At the end of this course, students will be able to:

- Explain clustering terminology and basic clustering concepts
- Describe how a cluster works
- Implement a cluster and perform common administrative tasks
- Recognize the symptoms of frequently encountered problems and solve them
- Evaluate and exploit the range of workload management options
- Use distributed queuing techniques to connect Queue Managers inside a cluster to Queue Managers outside a cluster
- Configure overlapping clusters
- Outline how clusters support distributed publish/subscribe
- Take steps to render a cluster secure
- Discuss clustering current best practices

Topics

- Introduction to Clustering
- Definition, Administration and Management
- Troubleshooting
- Workload Management
- Clustering and Distributed Queuing
- Overlapping Clusters
- Publish/Subscribe Clusters
- Security
- Recommendations, Best Practices and Hints

Audience

This course is designed for IBM MQ administrators, architects, application developers, and other professionals.

Prerequisites

Experience of administering IBM MQ in a Linux, UNIX and/or Windows environment, or in a z/OS Environment

Duration

Three days