

MQ3015 – WebSphere MQ Advanced System Administration

Course Synopsis	Duration:	Three (3) days.
	Audience:	Technical personnel such as systems programmers, operations analysts, operators and anyone else who may be responsible for providing day-to-day support of WebSphere MQ for non z/OS platforms.
	Prerequisites:	This course follows on from the WebSphere MQ administration course WebSphere MQ System Administration, and candidates should have either attended it, or gained equivalent knowledge.
	Delivery Method:	Instructor led, Hands-on workshops

Brief Description	<p>This course is intended for personnel who will be responsible for installing, operating, administering and supporting WebSphere MQ systems and applications relating to those systems on non z/OS platforms (Windows, Unix etc.). This course teaches advanced skills required by WebSphere MQ administrators on non z/OS platforms (Windows, Unix etc.). It pays particular attention to channels and clustering.</p>
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Topics Covered	<p>I. Managing Message Channels</p> <ul style="list-style-type: none"> • Effectively • MCA Roles • Starting & Stopping • LUW ID's • Sequence Numbers • Synchronization Queues • Channel States • Resynchronizing a Channel • The Channel Initiator • The Listener • Heartbeat Flows • Separate Message Flows • Reply-to-queues • Dead Letter Queues <p>II. Managing Channel Security</p> <ul style="list-style-type: none"> • Client Security • MQCONN • MQGET • MQPUT • Security Exits • Message Exits • Context Security <p>III. Performance & Tuning</p> <ul style="list-style-type: none"> • Types of Applications • Message Size • Message Persistence • Dynamic Queues • Logging • Triggering • Batch Sizes • Channel Parameters <p>IV. Clusters</p> <ul style="list-style-type: none"> • Setting Up the Cluster • Cluster Channels • Cluster Objects • Cluster Commands <p>V. Troubleshooting</p> <ul style="list-style-type: none"> • Instrumentation Events • Channel Events • Queue Manager Events • Performance Events • Service Interval Events • Queue Depth Events • Handling Event Messages
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