

Web Age Solutions

WebSphere MQ Administration for AS/400

Set up requirements

Windows workstations:

The workstation for each student and the instructor should have the following set-up:

1. 3250 emulation software with access to AS/400
 - should have a File Transfer capability to upload/download files
2. User IDs with access to the 3250 emulator
3. Internet access

The instructor machine should be connected to the overhead projection equipment and should have a recent version of PDF available for the presentation.

AS/400 set up requirements:

Summary of AS/400 set up requirements:

The students plus the instructor will require an AS/400 WMQ system to perform basic WMQ administration tasks. This will include:

- Creating, starting, stopping, deleting queue managers
- Using WMQ commands to define / delete and use WMQ objects (queues, channels, listeners, etc.)
- Using WMQ sample programs (PUT, GET, etc.) to test the WMQ configuration

The following section outlines the set up requirements.

AS/400 set up:

1. The course labs require the WMQ V5 Server software to be preinstalled on a test AS/400 machine.
 - **Note: Web Age Solutions does not provide the required WMQ software!**
2. All students plus the instructor will require AS/400 user IDs for AS/400 admin access + WMQ access to perform their labs. The ideal setup will allow each student and the instructor to create and customize their own AS/400 queue managers, channels, etc.
3. The student and instructor IDs will require authority to:
 - Access AS/400 system commands (WRKSBSJOB, WRKUSRPRF, WRKACTJOB, etc.)
 - Create/Delete AS/400 libraries / files and IFS files
 - Read access to all WMQ installation / runtime libraries and files
 - Start/stop WMQ related jobs
 - Access to WMQ Admin panels (WRKMQ*, DSPMQ*, CRTMQ*, etc.)
4. It is assumed that WMQ V5 is fully functional and tested on the test AS/400 system where the labs will be run. This includes:
 - Running Queue Manager jobs
 - Fully functional TCP/IP interface for Channels
 - Support for WMQ Client connection (SVRCONN)
 - Compiled Sample PUT / GET programs
5. Setup WMQ security to include all Student and Instructor IDs in the QMQMADM group

Documentation

All students will require access to WMQ online or hard copy documentation:

- MQSeries Documentation CD (IBM Book Manager) or
- Windows WMQ Info Centre (part of WMQ Windows) or
- Reliable Internet access to IBM documentation