

W3Partnership have implemented and installed WMQ and MQ Adapters on many different client sites.

Objectives

- **Impact Assessment** to identify potential technical risks and issues in installing and configuring IBM MQ.
- **Installation Planning** to provide a high level plan to identify responsibilities and dependencies.
- **Outline** if any of the additional MQ products/options will fulfil a need in your environment.

Approach

- **Usage:** An onsite analysis of the current application connectivity requirements in order to assess the risks and impacts of MQ server / client configurations.
- **Scope:** The topics covered can be tailored to suit individual needs but by default will include the following:
 - Installation
 - Security/Channel Exits within the system
 - Training needs
 - Project dependencies
 - Sizing - identify message volume expected to be handled by MQ and individual services. This will define the log file configuration and method (i.e. Linear or Circular)
 - Identify services that are intended for MQ, existing services may require changes.
 - Coexistence - identify if previous versions of MQ are used, and whether they support coexistence (only possible after version 7.0.1.6)
 - Customisation
 - Interoperability
 - New products/options
 - Security features - identify security measures necessary for MQ and individual services (i.e. channel security)
 - Resilience - identify resilience requirements for MQ as a whole and for individual services
 - Environment architecture - determine the number of environments and the configuration of the queue manager(s) necessary to support each environment.
 - Availability - identify the availability for MQ as a whole and for individual services
- **Recommendations:** The assessment is documented and includes prioritised recommendations for enabling a reduced risk transition to installation and configuration of IBM MQ. It will include any additional product recommendations.

Key Issues

- Even if you are not planning to immediately upgrade, it is always prudent to plan for an upgrade and to understand the issues.
- Are you unclear of the likely impact on your systems and integration architecture?
- How much re-training will you need to undertake?
- Which new feature could be advantageous to you?
- Which current features (on which you may be relying) are impacted?

Benefits

- Confidence in the upgrade plan will improve your resource planning and cost estimating.
- Having a clear vision of the interdependencies with technical assessment of impact.
- Clear assessment of technical risks.

Deliverables

- The results are presented in a 2 hour interactive workshop (when required), when one of our Technical Consultants will walk through the recommendations and proposed next actions. These will include any licensing implications and costs.



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