Integration Broker Standard

Architecture, Standards and Planning Branch
Document Version 1.0

Replaces CIO Directive: "Use of webMethods® as Integration Broker Standard"
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Document Control:

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<th>Date</th>
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<td>TBD, 2017</td>
<td>Walker and Wilcox</td>
<td>DRAFT</td>
<td>Initial draft presented to ASRB</td>
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Version 1.0 (April 6, 2017) highlights:

- Released for Review and Feedback
1. Integration Brokers

| Effective: TBD |
| Reviewed: 2017-04-04 |

1.1 Approved Integration Brokers

| Changed: N/A |

Purpose

The purpose for this standard is to establish the requirements for the use of Integration Brokers by ministries and other government agencies.

This standard is intended to drive the following outcomes:
- Maximize benefit to the Enterprise
- Reduce the barrier to entry for applications
- Improve access to data and promote information sharing
- Limit complexity by controlling technical diversity
- Maximize Interoperability
- Lower maintenance and support costs

Notes to Reader

This standard is designed to be read in conjunction with the Implementation of Integration Broker Technology Guidelines. The latest version of this standard and its companion guideline are published on the IM/IT Standards website. The Guidelines describe considerations and approaches for meeting the obligations under this Standard.

Definitions

Integration Broker

A third-party intermediary that facilitates interactions between applications.

Must

The term “MUST” (when written in all upper case) is defined as an absolute requirement of this Standard.
Should

The term “SHOULD” (when written in all upper case) means that there may be valid reasons in particular circumstances to use alternate methods, but the full implications MUST be understood and carefully weighed before choosing a different course. The use of an alternate method requires the approval of the Government Chief Information Officer (GCIO).

Integration Broker Standard

1. This standard MUST be applied to Integration Brokers intended for production use.

2. Ministries MUST deploy IT solutions based upon the Office of the Chief Information Officer (OCIO) endorsed Integration Brokers as presented in Appendix A of the Guideline.

3. Ministries considering the production deployment of an Integration Broker not endorsed by the OCIO (i.e. not listed in Appendix A of the Guideline) MUST complete an exemption.

4. Ministries MUST ensure all Integration Broker deployments are operated and maintained (patched) in compliance with the BC Government's Information Security Policy and IM/IT Standards.

Additional Guidance

If there are compelling business reasons why an organization is unable to use an existing approved Integration Broker, the organization’s CIO may authorize a request for exemption. More information on the exemption process can be found on the website. Exemption submissions should include:


2. A proposed Integration Broker that meets the required capabilities.


Note that micro-service gateways are not subject to this Standard.

References
1. The Province’s Integration Broker Standard is contained within the Request for Proposal (RFP) for Integration Broker Software and Related Services and is available on request. To obtain a copy please contact the Architecture, Standards and Planning Branch.

2. The CIO memo (dated November 12, 2001) announcing the selection of webMethods® Integration Broker is also available on request. To obtain a copy please contact the Architecture, Standards and Planning Branch.

Questions about this document? Please e-mail ASB.CIO@gov.bc.ca