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ITK2.2 – Accreditation Configurations

Document Management

Revision History

| Version | Date | Summary of Changes |
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| 1.0 | November 2015 | First version of ITK 2.2 issued by HSCIC |

Reviewers

This document was reviewed by the following people:

| Reviewer name | Title / Responsibility | Date | Version |
|------------------|---------------------------|---------------|---------|
| George Hope | ITK Architecture Lead | November 2015 | 1.0 |
| Richard Kavanagh | ITK Messaging Lead | November 2015 | 1.0 |
| Richard Dobson | ITK Accreditation Manager | November 2015 | 1.0 |
| Nigel Saville | ITK Accreditation | November 2015 | 1.0 |

Approved by

This document was approved by the following people:

| Name | Signature | Title | Date | Version |
|----------------|-----------|----------------------|---------------|---------|
| Shaun Fletcher | | Head of Architecture | November 2015 | 1.0 |

Reference Documents

| Ref no | Doc Reference Number | Title | Version |
|--------|----------------------|-------|---------|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |

Document Control:

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1 Introduction

This document forms part of the overall document set for ITK Architecture.

1.1 Purpose of Document

This document provides a high level overview of the configuration options for ITK Client, ITK Host, ITK Middleware Accreditations.

1.2 ITK Architecture Documentation Set

The position of this document in relation to the document set is shown below.

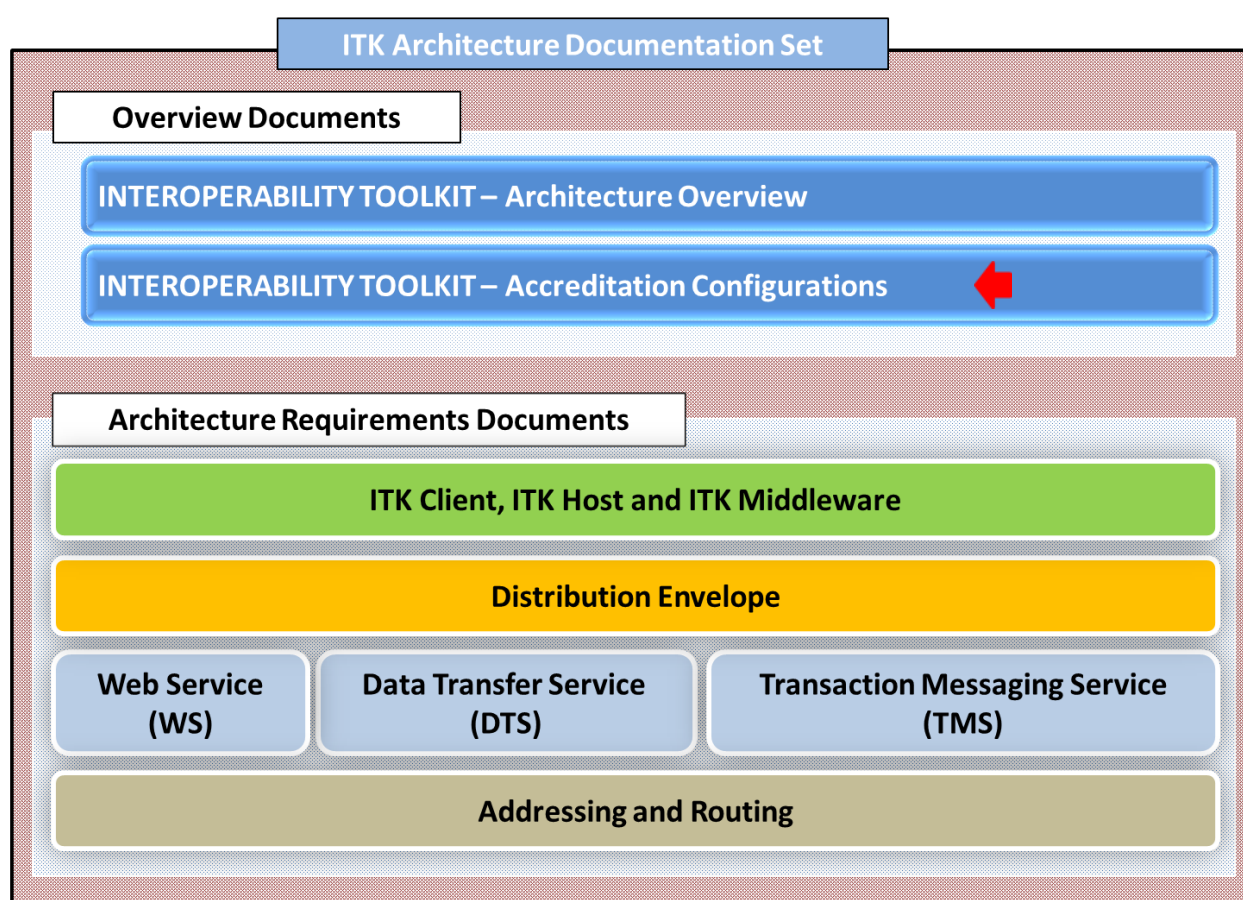


Figure 1 – ITK Architecture Documentation Set

1.3 Audience

The primary audience are supplier technical and product development staff who are interested in developing a Toolkit Implementation.

1.4 Document Scope

The document outlines the ITK Client, ITK Host, Spine Mini Service Provider (SMSP) and ITK Middleware accreditation configurations.

2 Accreditation Configurations

2.1 ITK Middleware

| Description | Required |
|--|-----------|
| Messaging Requirements - Documentation | Mandatory |
| Messaging Requirements - Interoperability Patterns | Mandatory |
| Messaging Requirements - Reliability | Mandatory |
| Messaging Requirements - Security | Mandatory |
| Messaging Requirements - Validation | Mandatory |
| Supporting Infrastructure - Application Specific | N/A |
| Supporting Infrastructure - Common | Mandatory |
| Supporting Infrastructure - Middleware Specific | Mandatory |
| Additional Modules - Queue Collection Host | Mandatory |
| Additional Modules - Flexible Validation | Mandatory |
| Additional Modules - Sequencing - Application | N/A |
| Additional Modules - Sequencing - Middleware | Mandatory |
| Additional Modules - Translation and Mediation | Mandatory |
| Additional Modules - Orchestration | Optional |
| Additional Modules - Throttling | Mandatory |
| Additional Modules - Discovery Provider | Mandatory |
| Additional Modules - Monitoring and Management | Mandatory |
| Additional Modules - IG - Middleware | Mandatory |
| Additional Modules - IG – Application | N/A |
| Additional Modules - Spine Mini Service Provider | N/A |
| Additional Modules - XML Encryption | N/A |
| Distribution Envelope Header - Middleware Requirements | Mandatory |
| Distribution Envelope Header - Client Requirements | N/A |
| Distribution Envelope - Payload Requirements | N/A |
| Web Service - Transport | Optional |
| DTS - Transport | Optional |
| TMS - Transport | Optional |
| Addressing and Routing - Routing Requestor | N/A |
| Addressing and Routing - Routing Receiver | N/A |
| Addressing and Routing - ITK Router | Mandatory |

Table 1: Checklist for Middleware Accreditation

2.2 ITK Application

| Description | Required |
|--|-----------|
| Messaging Requirements - Documentation | Mandatory |
| Messaging Requirements - Interoperability Patterns | Mandatory |
| Messaging Requirements - Reliability | Mandatory |
| Messaging Requirements - Security | Mandatory |
| Messaging Requirements - Validation | Mandatory |
| Supporting Infrastructure - Application Specific | Mandatory |
| Supporting Infrastructure - Common | Mandatory |
| Supporting Infrastructure - Middleware Specific | N/A |
| Additional Modules - Queue Collection Host | Optional |
| Additional Modules - Flexible Validation | Optional |
| Additional Modules - Sequencing - Application | Mandatory |
| Additional Modules - Sequencing - Middleware | N/A |
| Additional Modules - Translation and Mediation | Mandatory |
| Additional Modules - Orchestration | Optional |
| Additional Modules - Throttling | Optional |
| Additional Modules - Discovery Provider | Optional |
| Additional Modules - Monitoring and Management | Optional |
| Additional Modules - IG - Middleware | N/A |
| Additional Modules - IG – Application | Mandatory |
| Additional Modules - Spine Mini Service Provider | N/A |
| Additional Modules - XML Encryption | Optional |
| Distribution Envelope Header - Middleware Requirements | N/A |
| Distribution Envelope Header - Client Requirements | Mandatory |
| Distribution Envelope - Payload Requirements | Mandatory |
| Web Service - Transport | Optional |
| DTS - Transport | Optional |
| TMS - Transport | Optional |
| Addressing and Routing - Routing Requestor | Optional |
| Addressing and Routing - Routing Receiver | Optional |
| Addressing and Routing - ITK Router | N/A |

Table 2: Checklist for Application Accreditation

2.3 ITK Spine Mini Service Provider

As per ITK Application, however the Additional Module “Spine Mini Service Provider” becomes mandatory.

2.4 ITK Application (Content Ready Only)

| Description | Required |
|--|-----------|
| Messaging Requirements - Documentation | Mandatory |
| Messaging Requirements - Interoperability Patterns | N/A |
| Messaging Requirements - Reliability | N/A |
| Messaging Requirements - Security | N/A |
| Messaging Requirements - Validation | Mandatory |
| Supporting Infrastructure - Application Specific | Mandatory |
| Supporting Infrastructure - Common | Mandatory |
| Supporting Infrastructure - Middleware Specific | N/A |
| Additional Modules - Queue Collection Host | Optional |
| Additional Modules - Flexible Validation | Optional |
| Additional Modules - Sequencing - Application | Mandatory |
| Additional Modules - Sequencing - Middleware | N/A |
| Additional Modules - Translation and Mediation | Mandatory |
| Additional Modules - Orchestration | Optional |
| Additional Modules - Throttling | Optional |
| Additional Modules - Discovery Provider | Optional |
| Additional Modules - Monitoring and Management | Optional |
| Additional Modules - IG - Middleware | N/A |
| Additional Modules - IG – Application | Mandatory |
| Additional Modules - Spine Mini Service Provider | N/A |
| Additional Modules - XML Encryption | Optional |
| Distribution Envelope Header - Middleware Requirements | N/A |
| Distribution Envelope Header - Client Requirements | Optional |
| Distribution Envelope - Payload Requirements | Optional |
| Web Service - Transport | N/A |
| DTS - Transport | N/A |
| TMS - Transport | N/A |
| Addressing and Routing - Routing Requestor | N/A |
| Addressing and Routing - Routing Receiver | N/A |
| Addressing and Routing - ITK Router | N/A |

‘ITK Application Content Ready Only’ applications meet the essential requirements for interfacing with the Toolkit. This primarily includes providing payload content that meets the National Standards. However Toolkit Adapters will be required for technical functions such as protocol conversion and some of the more advanced features (e.g. security) may not be available. An application claiming “ITK Application Content-Ready Only” MUST meet all of the requirements listed in the table above, noting the information listed below:

| Requirement | Notes |
|-------------------------|---|
| Distribution Envelope | Use of the Distribution Envelope is not necessary for Content Ready Only Applications |
| COR-DEH-07 & COR-DEH-09 | An alternative approach to version management MUST be described |

* * * End of Document * * *