Test Assertions for the SCA Policy Framework 1.1 Specification

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- Service Component Architecture Policy Framework Specification Version 1.1

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Declared XML Namespace(s):

None

Abstract:

This document defines the Test Assertions for the SCA Policy Framework specification.

The Test Assertions represent the testable items relating to the normative statements made in the SCA Policy Framework specification. The Test Assertions provide a bridge between the normative statements in the specification and the conformance TestCases that are designed to check that an SCA runtime conforms to the requirements of the specification.

Status:

This document was last revised or approved by the OASIS Service Component Architecture Policy (SCA-Policy) TC on the above date. The level of approval is also listed above. Check the "Latest Version" or "Latest Approved Version" location noted above for possible later revisions of this document.

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1 Introduction

This document defines Test Assertions for the SCA Policy specification:

http://docs.oasis-open.org/opencsa/sca-policy/sca-policy-1.1.pdf

The test assertions in this document follow the format defined in the OASIS Test Assertion Guidelines specification:
http://www.oasis-open.org/apps/group_public/download.php/30070/TestAssertionsGuidelines-draft-0-9-9-6.pdf

1.1 Example Test Assertion

Test assertions are presented in a tabular format with rows corresponding to the entry types defined in the OASIS Test Assertions Guidelines

Assertion ID	POL-TA-nnnnn
	[POLnnnnn]
Target	<xyuvbghs/> element of composite file
Prerequisites	The [<xyuvbghs/> element] has a @foobar attribute
Predicate	The @foobar attribute of [the <xyuvbghs/> element] is a URI that references a foobar element in the SCA Domain-
Prescription Level	Mandatory
Tags	foobar references

Assertion ID: Is a unique ID for the test assertion. Its format starts with a 3 letter string that identifies the specification to which it relates - "POL" is for the SCA Policy specification. This is followed by "-TA-" to indicate that this identifier is for a test assertion. This is then followed by a unique 4 digit number

Source: Is the identifier(s) of the normative statement(s) in the specification to which this assertion relates.

Target: Identifies the target which is addressed by this assertion. This is typically some SCA document element, but possibly could identify an SCA runtime and its behaviour.

Prerequisites: Defines any prerequisites for this test assertion. The prerequisites may be defined in terms of one or more other test assertions that must be true.

Predicate: The meat of the assertion - something that should evaluate to true or false for the given target.

36 **Prescription Level:** Mandatory (for MUST requirements) or Preferred (for SHOULD requirements) or
37 Permitted (for MAY requirements).
38
39 **Tags:** Zero or more labels that may be attached to this test assertion - these tags can be used to group
40 sets of assertions.
41

1.2 Terminology

43 The keywords "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD",
44 "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this specification are to be
45 interpreted as described in IETF RFC 2119 [RFC 2119].

1.3 Normative References

47 **[RFC 2119]**   S. Bradner. *Key words for use in RFCs to Indicate Requirement Levels*. IETF
48   RFC 2119, March 1997.
49   http://www.ietf.org/rfc/rfc2119.txt.
50 **[TA-GUIDE]**   OASIS Draft, "Test Assertion Guidelines Draft 0.9.9.6", 16 November, 2008.
51   http://www.oasis-
52   open.org/apps/group_public/download.php/30070/TestAssertionsGuidelines-
53   draft-0-9-9-6.pdf
54 **[JAVACAA]**   OASIS Committee Draft 04, "SCA Java Common Annotations and APIs
55   Specification Version 1.1", February 2010.
56   http://docs.oasis-open.org/opencsa/sca-j/sca-javacaa-1.1-spec.pdf

1.4 Non-Normative References

58 None
59
60

2 SCA Policy Test Assertions

2.1 Section 3

Assertion ID	POL-TA-30001
Source	[POL30001]
Target	\<binding/\> element with @requires attribute containing one intent
Prerequisites	Configuration of the \<binding/\> conflicts with the intent
Predicate	SCA runtime raises an error
Prescription Level	Mandatory
Tags	"intents", "bindingInstance", "conflict"
Comment	Testing note: WS binding which points to a non-SOAP WSDL binding, where the reference/service @requires the SOAP intent.

Assertion ID	POL-TA-30002
Source	[POL30001]
Target	\<binding\> element
Prerequisites	1) \<binding/\> element has a policySet either directly or externally attached. 2) Configuration of the \<binding/\> conflicts with the policySet
Predicate	SCA runtime raises an error
Prescription Level	Mandatory
Tags	"intents", "bindingInstance", "conflict"

Assertion ID	POL-TA-30003
Source	[POL30002]
Target	QName of \<intent\> element
Prerequisites	More than one \<intent\> elements are defined in the SCA Domain
Predicate	The QName of an \<intent\> element is unique amongst the set of all intents in the SCA domain
Prescription Level	Mandatory
Tags	"intent", "definitions.xml", "QName"

Assertion ID	POL-TA-30004
Source	[POL30004]
Target	The @default attribute of \<qualifier\> child elements of an \<intent\>
Prerequisites	\<intent\> element has more than one \<qualifier\> child elements
Predicate	Only one \<qualifier\> element for an \<intent\> has a @default attribute value of "true"
Prescription Level	Mandatory

Tags	"intent", "definitions.xml"

69

70

Assertion ID	POL-TA-30005
Source	[POL30005]
Target	The @name attribute of <qualifier> child element of an <intent>
Prerequisites	<intent> element has more than one <qualifier> child element
Predicate	The @name attribute of the qualifier is unique within all <qualifier> child elements for the <intent>
Prescription Level	Mandatory
Tags	"intent", "definitions.xml"

71

72

Assertion ID	POL-TA-30006
Source	[POL30006]
Target	The @name attribute of a profile intent
Prerequisites	
Predicate	The @name attribute of a profile <intent> does not contain a "." character
Prescription Level	Mandatory
Tags	"intent", "definitions.xml", "@name"

73

74

Assertion ID	POL-TA-30007
Source	[POL30007]
Target	SCDL element with a profile intent attached to it.
Prerequisites	
Predicate	Each intent required by the profile intent is satisfied.
Prescription Level	Mandatory
Tags	"profileIntent"

75

76

Assertion ID	POL-TA-30008
Source	[POL30008]
Target	@provides attribute of <intentMap/> subelement of a <policySet> element
Prerequisites	
Predicate	Value of the @provides attribute of the <intentMap> corresponds to an unqualified intent listed in the @provides attribute of the parent <policySet> element
Prescription Level	Mandatory
Tags	"policySet", "intentMap", "definitions.xml", "@provides"

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Assertion ID	POL-TA-30010
Source	[POL30010]
Target	\<policySet/\> element that has a qualifiable intent listed in its @provides attribute
Prerequisites	
Predicate	\<policySet/\> contains at most one \<intentMap/\> subelement with a @provides attribute set to the the unqualified form of the qualifiable intent
Prescription Level	Mandatory
Tags	"policySet", "intentMap", "definitions.xml", "'@provides"

79
80

Assertion ID	POL-TA-30011
Source	[POL30011]
Target	\<policySet/\> with policies defined using wsp:PolicyAttachment elements or extension elements
Prerequisites	\<policySet/\> has a @provides attribute containing one or more intents
Predicate	The set of policies specified by the child elements satisfies all the intents listed in the @provides attribute
Prescription Level	Mandatory
Tags	"policySet", "definitions.xml"

81
82

Assertion ID	POL-TA-30013
Source	[POL30013]
Target	\<policySet/\> containing a reference to a second \<policySet\> by means of a \<policySetReference/\>
Prerequisites	\<policySet/\> has a @provides attribute containing a first set of intents Referenced \<policySet/\> has a @provides attribute containing a second set of intents
Predicate	The second set of intents is a subset of the first set of intents
Prescription Level	Mandatory
Tags	"policySet", "definitions.xml", "@provides", "policySetReference"

83
84

Assertion ID	POL-TA-30015
Source	[POL30015]
Target	QName listed in the @requires attribute of an \<intent\> element
Prerequisites	
Predicate	QName is the QName of an intent in the SCA Domain.
Prescription Level	Mandatory
Tags	"intent", "definitions.xml", "@requires", "QNname"

85

86

Assertion ID	POL-TA-30016
Source	[POL30016]
Target	QName listed in the @excludes attribute of an <intent> element
Prerequisites	
Predicate	QName is the QName of an intent in the SCA Domain.
Prescription Level	Mandatory
Tags	"intent", "definitions.xml", "@excludes", "QName"

87
88

Assertion ID	POL-TA-30017
Source	[POL30017]
Target	The QName of <policySet> element
Prerequisites	More than one <policySet> element is defined in the SCA Domain
Predicate	QName of a <policySet> element is unique amongst all the <policySet> elements in the SCA Domain.
Prescription Level	Mandatory
Tags	"policySet", "definitions.xml"

89
90

Assertion ID	POL-TA-30018
Source	[POL30018]
Target	@appliesTo attribute of a <policySet> element
Prerequisites	
Predicate	The contents of the @appliesTo attribute is a valid XPath 1.0 production *expr*.
Prescription Level	Mandatory
Tags	"policySet", "definitions.xml", "@appliesTo", "XPath"

91
92

Assertion ID	POL-TA-30019
Source	[POL30019]
Target	@attachTo attribute of a <policySet> element
Prerequisites	
Predicate	The contents of the @attachTo attribute is a valid XPath 1.0 production *expr*.
Prescription Level	Mandatory
Tags	"policySet", "definitions.xml", "@attachTo", "XPath"

93
94

Assertion ID	POL-TA-30020
Source	[POL30020]
Target	<intentMap> child element of <policySet>
Prerequisites	<intentMap/> @provides attribute specifies a qualifiable intent

Predicate	\<intentMap\> element specifies all possible qualifiers for the qualified intent specified in the @provides attribute
Prescription Level	Mandatory
Tags	"policySet", "intentMap", "definitions.xml"

95
96

Assertion ID	POL-TA-30021
Source	[POL30021]
Target	\<policySet/\> element with an \<intentMap/\> subelement
Prerequisites	\<intentMap/\> element has an @provides attribute with one or more intent
Predicate	\<policySet/\> has an @provides attribute which contains all of the intents specified in the @provides attribute of the \<intentMap/\>
Prescription Level	Mandatory
Tags	"policySet", "intentMap", "definitions.xml", "@provides"

97
98
99

Assertion ID	POL-TA-30025
Source	[POL30024]
Target	SCA Domain
Prerequisites	
Predicate	The set of intent definitions contained in the Policy_Intents_Definitions.xml described in the Appendix "Intent Definitions" of the SCA Policy Framework specification are in the SCA Domain.
Prescription Level	Mandatory
Tags	"intent", "Policy_Intents_Definitions.xml" "SCA Domain"

100

Assertion ID	POL-TA-30026
Source	[POL30025]
Target	\<intent\> element
Prerequisites	The qualifier is used as the default qualifier
Predicate	The qualifier definition has @default=true
Prescription Level	Mandatory
Tags	"intent", "qualifier"

101
102

2.2 Section 4

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105

Assertion ID	POL-TA-40001

Source	[POL40001,POL40010]
Target	SCDL Element
Prerequisites	a) An SCA implementation that supports both Direct Attachment and External Attachment mechanisms b) The SCDL element has a directly attached policySet c) There is a policySet using external attachment pointing to the same SCDL element
Predicate	The directly attached policySet is ignored and the externally attached policySet is applied
Prescription Level	Mandatory
Tags	"policySets", "externalAttachment", "directAttachment"

106
107

Assertion ID	POL-TA-40002
Source	[POL40001, POL40010]
Target	SCDL Element
Prerequisites	a) An SCA implementation that supports both Direct Attachment and External Attachment mechanisms b) The SCDL element has only a directly attached policySet
Predicate	The directly attached policySet is applied.
Prescription Level	Mandatory
Tags	"policySets", "externalAttachment", "directAttachment"

108
109

Assertion ID	POL-TA-40003
Source	[POL40001,POL40010]
Target	SCDL Element
Prerequisites	a) An SCA implementation that supports both Direct Attachment and External Attachment mechanisms b) There is only a policySet applied to the SCDL element using external attachment
Predicate	The externally attached policySet is applied.
Prescription Level	Mandatory
Tags	"policySets", "externalAttachment", "directAttachment"

110
111

Assertion ID	POL-TA-40004
Source	[POL40004]
Target	<component> element
Prerequisites	a) A qualifiable intent expressed lower in the implementation hierarchy b) A qualified intent expressed on the component
Predicate	The qualified intent applies to the component.

Prescription Level	Mandatory
Tags	"intent", "attachment", "implementationHierarchy"

112
113

Assertion ID	POL-TA-40005
Source	[POL40004]
Target	<composite/> <service/> or <reference/> element which has a qualified intent expressed
Prerequisites	The unqualified form of the same qualifiable intent expressed on the <component/><service/> or <component/><reference/> element which is promoted by the <composite/><service/> or <composite/><reference/> element
Predicate	The qualified intent applies to the composite service or reference.
Prescription Level	Mandatory
Tags	"intent", "attachment", "implementationHierarchy"

114
115

Assertion ID	POL-TA-40006
Source	[POL40005]
Target	SCDL element
Prerequisites	a) The element inherits a set of intents from higher in the structural hierarchy (S1) b) zero or more intents are applied directly to the element (S2) c) no intents in S1 are mutually exclusive to any intent in S2 d) the UNION of S1 and S2 does NOT contain qualified and unqualified forms of the same intent
Predicate	The UNION of the set of intents in S1 and S2 are applied to the element
Prescription Level	Mandatory
Tags	"intent", "attachment", "structuralHierarchy"

116
117

Assertion ID	POL-TA-40007
Source	[POL40005]
Target	SCDL element
Prerequisites	a) The element inherits a set of intents from higher in the structural hierarchy (S1) b) one or more intents are applied directly to the element (S2) c) some intents in S2 are mutually exclusive to some intents in S1 d) the UNION of S1 and S2 does NOT contain qualified and unqualified forms of the same intent
Predicate	The intents in S2 and the intents from S1 that are NOT mutually exclusive with the intents in S2 are applied to the element
Prescription	Mandatory

Level	
Tags	"intent", "attachment", "structuralHierarchy"
Comment	There could be more than one mutually exclusive intent (Same as V1)

118
119

Assertion ID	POL-TA-40008
Source	[POL40005]
Target	SCDL element
Prerequisites	a) The element inherits a set of intents from higher in the structural hierarchy (S1) b) zero or more intents are applied directly to the element (S2) c) no intents in S1 are mutually exclusive to any intent in S2 d) the UNION of S1 and S2 contains qualified and unqualified forms of the same intent (S3)
Predicate	All intents in S3 that are not the unqualified form of a qualifiable intent that is also in S3 are applied to the element
Prescription Level	Mandatory
Tags	"intent", "attachment", "structuralHierarchy"
Comment	[POL40005] allows qualified intents from either source

120
121

Assertion ID	POL-TA-40009
Source	[POL40006]
Target	<component> element
Prerequisites	a) A component has a policySet attached to it. b) The component's componentType has a policySet attached to it.
Predicate	The policySet attached to the componentType is ignored.
Prescription Level	Mandatory
Tags	"intent", "attachment", "componentType" "component"

122
123

Assertion ID	POL-TA-40010
Source	[POL40007]
Target	<reference> with a configured <binding> subelement
Prerequisites	a) A reference has a directly or externally attached policySet. b) The policySet uses WS-Policy syntax. c) The configured binding instance points to a service outside the SCA Domain. d) The target service is configured with WS-Policy based policies.
Predicate	WS-Policy compatibility of the reference with its target service is assessed using strict WS-Policy intersection.
Prescription Level	Mandatory

Tags	"policyMatching" "intersection" "WS-Policy" "reference"

124

125

Assertion ID	POL-TA-40011
Source	[POL40007]
Target	<service> with a configured <binding> subelement
Prerequisites	a) A service with directly or externally attached policySet. b) The policySet uses WS-Policy syntax. c) The configured binding instance enables access to clients outside the SCA Domain. d) An external client is configured with WS-Policy based policies.
Predicate	WS-Policy compatibility of the client with the service is assessed using strict WS-Policy intersection.
Prescription Level	Mandatory
Tags	policyMatching

126

127

Assertion ID	POL-TA-40012
Source	[POL40009]
Target	SCDL element with a set of 2 or more intents applied to it
Prerequisites	
Predicate	The intent set contains no pair of intents that are mutually exclusive.
Prescription Level	Mandatory
Tags	"policyMatching" "mutually exclusive" "intents"

128

129

Assertion ID	POL-TA-40013
Source	[POL40010, POL40011]
Target	SCDL Element with a directly attached policySet
Prerequisites	The SCA runtime only supports external attachment
Predicate	The directly attached policySet is ignored
Prescription Level	Mandatory
Tags	"policySet", "attachment", "externalAttachment"

130

Assertion ID	POL-TA-40014
Source	[POL40010, POL40011]
Target	SCDL Element with an externally attached policySet
Prerequisites	The SCA runtime only supports external attachment
Predicate	The externally attached policySet is applied
Prescription	Mandatory

Level	
Tags	"policySet", "attachment", "externalAttachment"

131
132

Assertion ID	POL-TA-40015
Source	[POL40010, POL40011]
Target	SCDL Element with a directly attached policySet and a different externally attached policySet
Prerequisites	The SCA runtime only supports external attachment
Predicate	The directly attached policySet is ignored and the externally attached policySet is applied.
Prescription Level	Mandatory
Tags	"policySet", "attachment", "externalAttachment"

133
134

Assertion ID	POL-TA-40016
Source	[POL40010, POL40012]
Target	SCDL Element with an externally attached policySet
Prerequisites	The SCA runtime only supports direct attachment
Predicate	The externally attached policySet is ignored.
Prescription Level	Mandatory
Tags	"policySet", "attachment", "directAttachment"

135
136

Assertion ID	POL-TA-40017
Source	[POL40010, POL40012]
Target	SCDL Element with a directly attached policySet
Prerequisites	The SCA runtime only supports direct attachment
Predicate	The directly attached policySet is applied.
Prescription Level	Mandatory
Tags	"policySet", "attachment", "directAttachment"

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138

Assertion ID	POL-TA-40018
Source	[POL40010, POL40012]
Target	SCDL Element with a directly attached policySet and a different externally attached policySet
Prerequisites	The SCA runtime only supports direct attachment
Predicate	The externally attached policySet is ignored and the directly attached policySet is applied.
Prescription Level	Mandatory

Tags	"policySet", "attachment", "directAttachment"

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140
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142

Assertion ID	POL-TA-40020
Source	[POL40014]
Target	SCDL element with one or more elements below it in its implementation hierarchy
Prerequisites	An intent is applied to an element in the implementation hierarchy.
Predicate	The intent applies to the element
Prescription Level	Mandatory
Tags	"intent" "attachment", "implementationHierarchy"

143
144

Assertion ID	POL-TA-40021
Source	[POL40015]
Target	SCDL Element
Prerequisites	a) Unqualified form of a qualifiable intent is attached to a SCDL element in the <componentType/> of an implementation. b) Qualified form of the same qualifiable intent is attached to the corresponding element in a component implemented by the implementation.
Predicate	The qualified intent applies to the child elements of the SCDL Element
Prescription Level	Mandatory
Tags	"intent", "attachment", "implementationHierarchy", "structural hierarchy"

145
146

Assertion ID	POL-TA-40022
Source	[POL40016]
Target	Component service
Prerequisites	a) service uses an interface with one or more intents attached or an <interface> element with one or more intents attached. b) a binding that is configured for the service
Predicate	Intents attached to interface apply to the service and to the binding.
Prescription Level	Mandatory
Tags	"intent" "attachment", "interface", "binding"

147
148

Assertion ID	POL-TA-40023
Source	[POL40016]
Target	Component reference
Prerequisites	a) reference uses an interface with one or more intents attached or an <interface> element with one or more intents attached.

	b) a binding that is configured for the reference
Predicate	Intents attached to interface apply to the reference and to the binding.
Prescription Level	Mandatory
Tags	"intent" , "attachment", "interface", "binding"

149

150

Assertion ID	POL-TA-40024
Source	[POL40016]
Target	Component service
Prerequisites	a) service uses an interface with one or more policySets attached or an <interface> element with one or more policySets attached. b) a binding that is configured for the service
Predicate	policySets attached to interface apply to the service and the binding.
Prescription Level	Mandatory
Tags	"policySet", "attachment", "interface", "binding"

151

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Assertion ID	POL-TA-40025
Source	[POL40016]
Target	Component reference
Prerequisites	a) reference uses an interface with one or more policySets attached or an <interface> element with one or more policySets attached. b) a binding that is configured for the reference
Predicate	policySets attached to interface apply to the reference and to the binding.
Prescription Level	Mandatory
Tags	"policySet", "attachment", "interface", "binding"

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154

Assertion ID	POL-TA-40026
Source	[POL40017]
Target	Composite document
Prerequisites	Required intent set for an element in the composite contains a pair of mutually exclusive intents.
Predicate	Composite document is rejected and the SCA runtime raises an error
Prescription Level	Mandatory
Tags	"intent" "attachment" "mutually exclusive"

155

156

Assertion ID	POL-TA-40027
Source	[POL40018]
Target	Component Service
Prerequisites	a) service has one or more intents in its required intent set

	b) zero or more bindings (SCA binding is used if no others are configured)
	c) zero or more policySets (attached directly and/or externally)
Predicate	All the intents in the required intent set are provided by the set of bindings and policySets which apply to the service.
Prescription Level	Mandatory
Tags	"intent" "policySets", "service", "binding"

157

158

Assertion ID	POL-TA-40028
Source	[POL40018]
Target	Component Reference
Prerequisites	a) reference has one or more intents in its required intent set
	b) zero or more bindings
	c) zero or more policySets (attached directly and/or externally)
Predicate	All the intents in the required intent set are provided by the set of bindings and policySets which apply to the reference.
Prescription Level	Mandatory
Tags	"intent" "policySets", "reference", "binding"

159

160

Assertion ID	POL-TA-40036
Source	[POL40018]
Target	Component implementation
Prerequisites	a) implementation has one or more intents in its required intent set
	b) zero or more intents are provided by the implementationType
	c) zero or more policySets (attached directly and/or externally)
Predicate	All the intents in the required intent set are provided by the combination of the implementationType and any policySets which apply to the implementation.
Prescription Level	Mandatory
Tags	"intent" "policySets", "reference", "binding"

161

162

Assertion ID	POL-TA-40037
Source	[POL40019]
Target	<component/> <service/>
Prerequisites	a) <component/> has <implementation/> which has an <interface/> attached to the <service/> corresponding to the <component> <service/>
	b) <interface/> has an intent applied to it, either in the @requires attribute of the <interface/> element or in the declaration of the interface artifact
Predicate	The intent applies to the <component/> <service/>
Prescription Level	Mandatory
Tags	"intent" "", "attachment", "interface", "service"

163
164

Assertion ID	POL-TA-40038
Source	[POL40019]
Target	<component/> <reference/>
Prerequisites	a) <component/> has <implementation/> which has an <interface/> attached to the <reference/> corresponding to the <component> <reference/> b) <interface/> has an intent applied to it, either in the @requires attribute of the <interface/> element or in the declaration of the interface artifact
Predicate	The intent applies to the <component/> <reference/>
Prescription Level	Mandatory
Tags	"intent" "", "attachment", "interface", "reference"

165
166
167

Assertion ID	POL-TA-40039
Source	[POL40020]
Target	QName of bindingType element
Prerequisites	More than one bindingType is defined in the SCA Domain
Predicate	The QName of the bindingType is unique amongst the set of bindingTypes in the SCA Domain.
Prescription Level	Mandatory
Tags	"bindingType"

168
169

Assertion ID	POL-TA-40040
Source	[POL40021]
Target	Binding implementation
Prerequisites	a) the associated bindingType has one or more intents listed in the @alwaysProvides attribute b) the associated bindingType has one or more intents listed in the @mayProvides attribute
Predicate	The binding implementation implements all the intents listed in its @alwaysProvides and @mayProvides attributes.
Prescription Level	Mandatory
Tags	"intent", "alwaysProvides", "mayProvides", "bindingType"

170
171

Assertion ID	POL-TA-40041
Source	[POL40022, POL40025]
Target	A reference that is connected to a service (i.e. a wire)
Prerequisites	a) one or more policySets (using policy language X) applied to the reference b) one or more policySets (using policy language X) applied to the service

Predicate	The wire is valid if the policySets at each end of the wire are compatible, using the compatibility rules of policy language X.
Prescription Level	Mandatory
Tags	"policySets" "compatibility"

172

173

Assertion ID	POL-TA-40042
Source	[POL40023, POL40025]
Target	A reference that is connected to a service (i.e. a wire)
Prerequisites	a) one or more policySets (using policy language X) applied to the reference b) one or more policySets (using policy language Y) applied to the service
Predicate	The wire is not valid.
Prescription Level	Mandatory
Tags	"policySets" "compatibility"

174

175

Assertion ID	POL-TA-40043
Source	[POL40024, POL40025]
Target	A reference that is connected to a service (i.e. a wire)
Prerequisites	a) one or more policySets (using WS-Policy language) applied to the reference b) one or more policySets (using WS-Policy language) applied to the service
Predicate	Wire is valid if the policySets are compatible using WS-Policy strict intersection.
Prescription Level	Mandatory
Tags	"policySet", "compatibility", "WS-Policy"

176

177

178

179

180

Assertion ID	POL-TA-40049
Source	[POL40002]
Target	<policySet> element with @attachTo attribute
Prerequisites	a) A component with a <property> element b) The policySet is deployed to the SCA Domain c) The component is deployed to the SCA Domain
Predicate	The @attachTo attribute does not resolve to the component property
Prescription Level	Mandatory
Tags	"policySet", "attachment"

181

Assertion ID	POL-TA-40050
Source	[POL40027]

Target	The required intent set for a component service or reference
Prerequisites	The service or reference interface definition contains attached intents
Predicate	The required intent set for the service or reference contains the intents from the interface definition
Prescription Level	Mandatory
Tags	"intent", "attachment", "interface"

182
183

Assertion ID	POL-TA-40051
Source	[POL40029,POL40030]
Target	Deployed component service
Prerequisites	a) The service has an intent attached to it (directly or externally) b) The service binding does not satisfy the intent c) There is a policySet externally attached to the service which satisfies the intent d) The policySet that satisfies the intent is removed from the SCA Domain by a deployment action
Predicate	Removal of the policySet fails and an error is raised.
Prescription Level	Mandatory
Tags	"intent", "policySet", "domain", "redeployment"

184
185

Assertion ID	POL-TA-40052
Source	[POL40029, POL40030]
Target	Deployed component service
Prerequisites	a) The service has an intent attached to it (directly or externally) b) The service binding does not satisfy the intent c) There is an externalAttachment element that attaches a policySet to the service which satisfies the intent d) The externalAttachment element is removed from the SCA Domain by a deployment action
Predicate	Removal of the externalAttachment element fails and an error is raised.
Prescription Level	Mandatory
Tags	"intent", "externalAttachment", "policySet", "domain", "redeployment"

186
187

Assertion ID	POL-TA-40053
Source	[POL40029, POL40030]
Target	Deployed profile intent
Prerequisites	a) The profile intent requires two non-profile intents b) One of the two non-profile intents is removed from the SCA Domain by a deployment action

Predicate	Removal of the intent fails and an error is raised.
Prescription Level	Mandatory
Tags	"intent", "domain", "redeployment"

188
189

Assertion ID	POL-TA-40054
Source	[POL40032]
Target	Deployed Component
Prerequisites	a) Component has a service b) Component has a policySet externally attached to the service c) The policySet is removed from the SCA Domain by a deployment action
Predicate	All new runtime instances of the component execute without the policySet.
Prescription Level	Mandatory
Tags	"redeployment", "policySet", "domain"

190
191

Assertion ID	POL-TA-40055
Source	[POL40032]
Target	Deployed Component
Prerequisites	a) Component has a service b) Component has a first policySet attached to the service via an external attachment element c) The externalAttachment element is changed to point to a second policySet by a deployment action
Predicate	All new runtime instances of the component execute with the second policySet.
Prescription Level	Mandatory
Tags	"redeployment", "policySet", "components"

192
193

Assertion ID	POL-TA-40056
Source	[POL40032]
Target	Deployed Component
Prerequisites	a) Component has a service b) Component has a first intent attached to the service via an external attachment element c) There is a first policySet that externally attaches itself based on the presence of the first intent (using the IntentRefs XPath function) d) The externalAttachment element is changed to point to a different second intent e) There is a second policySet that externally attaches itself based on the presence of the second intent (using the IntentRefs XPath function)

Predicate	All new runtime instances of the component execute with the second policySet.
Prescription Level	Mandatory
Tags	"redeployment", "policySet", "intent", "components"

194
195

Assertion ID	POL-TA-40057
Source	[POL40034]
Target	Component service
Prerequisites	a) Component is contained within a composite which is deployed into the SCA Domain b) Component service has no directly attached intents c) SCA Domain already contains an <externalAttachment/> element which references an intent and which has an @attachTo attribute which includes the component service as one of the places to which it attaches the intent d) Component service has no directly attached policySets e) SCA Domain already contains a policySet with an @attachTo attribute which targets component services which have the intent referenced by the <externalAttachment/> element
Predicate	The component service runs with the policies present in the policySet
Prescription Level	Mandatory
Tags	"intent", "policySet". "attachment", "externalAttachment", "domain"

196
197

Assertion ID	POL-TA-40058
Source	[POL40035]
Target	@attachTo attribute of a <externalAttachment> element
Prerequisites	
Predicate	The contents of the @attachTo attribute is a valid XPath 1.0 production *expr*.
Prescription Level	Mandatory
Tags	"externalAttachment", "definitions.xml", "@attachTo", "XPath"

198
199

Assertion ID	POL-TA-40059
Source	[POL40031]
Target	Deployed component service
Prerequisites	a) The service has an intent attached to it (directly or externally) b) The service binding does not satisfy the intent c) There is a policySet externally attached to the service which satisfies the intent d) The policySet that satisfies the intent is updated by a deployment action
Predicate	The deployed component immediately begins executing with the updated policy
Prescription Level	Optional

Tags	"intent", "policySet", "domain", "redeployment"

200
201

Assertion ID	POL-TA-40060
Source	[POL40033]
Target	Deployed component service
Prerequisites	a) The service has an intent attached to it (directly or externally) b) The service binding does not satisfy the intent c) There is a policySet externally attached to the service which satisfies the intent d) The policySet that satisfies the intent is updated by a deployment action
Predicate	The deployed component continues executing with the pre-update policy
Prescription Level	Optional
Tags	"intent", "policySet", "domain", "redeployment"

202
203

Assertion ID	POL-TA-40061
Source	[POL40033]
Target	Deployed component service
Prerequisites	a) The service has an intent attached to it (directly or externally) b) The service binding does not satisfy the intent c) There is a policySet externally attached to the service which satisfies the intent d) The policySet that satisfies the intent is updated by a deployment action
Predicate	The deployed component is stopped and instances are discarded
Prescription Level	Optional
Tags	"intent", "policySet", "domain", "redeployment"

204
205

2.3 Section 5

207

Assertion ID	POL-TA-50001
Source	[POL50001]
Target	<implementationType/> @name attribute
Prerequisites	
Predicate	@name attribute value of the implementationType element is the QName of an XSD global element for <implementation.xxx> elements. .
Prescription Level	Mandatory
Tags	"implementationType"

208

2.4 Section 7

Assertion ID	POL-TA-70001
Source	[POL70001]
Target	SCA Runtime
Prerequisites	*authorization* intent is present on a wire.
Predicate	An authorization check is made during invocation of the service.
Prescription Level	Mandatory
Tags	"authorization", "intent"

Assertion ID	POL-TA-70002
Source	[POL70009]
Target	SCA Runtime
Prerequisites	*confidentiality* intent is present on a wire.
Predicate	Messages exchanged over the wire are only viewable the two parties that make up the wire.
Prescription Level	Mandatory
Tags	"confidentiality", "intent"

Assertion ID	POL-TA-70003
Source	[POL70010]
Target	SCA Runtime
Prerequisites	*integrity* intent is present on a wire.
Predicate	Messages exchanged over the wire are not altered by a third party.
Prescription Level	Mandatory
Tags	"integrity", "intent"

Assertion ID	POL-TA-70004
Source	[POL70011]
Target	SCA Runtime
Prerequisites	a) A *serverAuthentication*, *clientAuthentication*, *confidentiality*. or *integrity* intent is present on a wire. b) The intent is qualified by *transport*.
Predicate	The SCA runtime delegates the corresponding functionality to the transport layer of the communications protocol.
Prescription Level	Mandatory
Tags	"authentication", "confidentiality", "integrity", "intent"

Assertion ID	POL-TA-70005
Source	[POL70012]
Target	SCA Runtime
Prerequisites	a) A *serverAuthentication*, *clientAuthentication*, *confidentiality*. or *integrity* intent is present on a wire. b) The intent is qualified by *message*.
Predicate	The SCA runtime delegates the corresponding functionality to the message layer of the communications protocol.
Prescription Level	Mandatory
Tags	"authentication", "confidentiality", "integrity", "intent"

219
220

Assertion ID	POL-TA-70006
Source	[POL70013]
Target	SCA Runtime
Prerequisites	The *serverAuthentication* intent is present on a wire.
Predicate	The SCA runtime authenticates the server to the client.
Prescription Level	Mandatory
Tags	"authentication", "intent"

221
222

Assertion ID	POL-TA-70007
Source	[POL70014]
Target	SCA Runtime
Prerequisites	The *clientAuthentication* intent is present on a wire.
Predicate	The SCA runtime authenticates the client to the server.
Prescription Level	Mandatory
Tags	"authentication", "intent"

223

2.5 Section 8

225

Assertion ID	POL-TA-80001
Source	[POL80001]
Target	SCA Runtime
Prerequisites	The *atLeastOnce* intent is present on a wire.
Predicate	The SCA runtime delivers at least one copy of the message to the destination service implementation.
Prescription Level	Mandatory
Tags	"atLeastOnce", "intent"

226
227

Assertion ID	POL-TA-80002
Source	[POL80002]
Target	SCA Runtime
Prerequisites	The *atMostOnce* intent is present on a wire.
Predicate	The SCA runtime delivers at most one copy of the message to the destination service implementation.
Prescription Level	Mandatory
Tags	"atMostOnce", "intent"

228
229

Assertion ID	POL-TA-80003
Source	[POL80003]
Target	SCA Runtime
Prerequisites	The *ordered* intent is present on a wire.
Predicate	The SCA runtime delivers messages sent by each client to the service in the order that the messages were sent by the client.
Prescription Level	Mandatory
Tags	"ordered", "intent"

230
231

Assertion ID	POL-TA-80004
Source	[POL80004]
Target	SCA Runtime
Prerequisites	The *exactlyOnce* intent is present on a wire.
Predicate	The SCA runtime delivers one and only one copy of the message to the destination service implementation.
Prescription Level	Mandatory
Tags	"exactlyOnce", "intent"

232

2.6 Section 9

233
234

Assertion ID	POL-TA-90003
Source	[POL90003]
Target	Implementation of a component marked with *managedTransaction.global* intent.
Prerequisites	
Predicate	The implementation runs in a global transaction.
Prescription Level	Mandatory
Tags	"managedTransaction.global", "intent"

235
236

Assertion ID	POL-TA-90004
Source	[POL90004]
Target	Implementation of a component marked with *managedTransaction.local* intent.
Prerequisites	
Predicate	The implementation runs in a local transaction.
Prescription Level	Mandatory
Tags	"managedTransaction.local", "intent", "transactionContext"

237
238

Assertion ID	POL-TA-90006
Source	[POL90006]
Target	A component marked with *managedTransaction.local* intent.
Prerequisites	The component invokes a remotable service.
Predicate	Local transaction context is not propagated to the remotable service.
Prescription Level	Mandatory
Tags	"localTransaction", "intent", "transactionContext"

239
240

Assertion ID	POL-TA-90007
Source	[POL90007]
Target	Implementation of a component marked with *noManagedTransaction* intent.
Prerequisites	a) A service of the component is invoked by a client. b) A transaction is propagated from the client with the service invocation.
Predicate	The component is not executed under the propagated transaction.
Prescription Level	Mandatory
Tags	"noManagedTransaction", "intent", "transactionContext"
Comment	The client for a test based on this test assertion is going to have to be a non-SCA client since the combination of "propagatesTransaction" and "noManagedTransaction" would result in an error in an SCA composite which attempted to model the interaction implied by this assertion.

241
242

Assertion ID	POL-TA-90008
Source	[POL90008]
Target	Component implementation with a reference with @requires="transactedOneWay".
Prerequisites	a) Component runs under a global transaction. c) Reference is wired to Component B using a transaction aware binding that supports the transactedOneWay intent. d) Component invokes the reference using a one-way operation. e) Component A rolls back its transaction.
Predicate	Component B is not invoked.
Prescription	Mandatory

Level	
Tags	"transactedOneWay", "intent"

243
244

Assertion ID	POL-TA-90009
Source	[POL90009]
Target	<reference/> of component that is not configured to run under a global transaction.
Prerequisites	
Predicate	Reference is not marked with the *transactedOneWay* intent.
Prescription Level	Mandatory
Tags	"transactedOneWay", "intent" "reference"

245
246

Assertion ID	POL-TA-90010
Source	[POL90009]
Target	<reference/> of component with a binding that does not support transactional message sending
Prerequisites	
Predicate	Rreference is not marked with the *transactedOneWay* intent.
Prescription Level	Mandatory
Tags	"transactedOneWay", "intent"

247
248

Assertion ID	POL-TA-90011
Source	[POL90010]
Target	Component with a <service/> marked with @requires="transactedOneWay".
Prerequisites	a) Component runs under a global transaction. c) Client component is wired to the component using a transaction aware binding that supports the transactedOneWay intent. d) Client component invokes the component via a one-way operation. e) Client component rolls back its transaction.
Predicate	The component is not invoked.
Prescription Level	Mandatory
Tags	"transactedOneWay", "intent", "transactionContext"

249
250

Assertion ID	POL-TA-90012
Source	[POL90011]
Target	<service/> of component that is not configured to run under a global transaction.
Prerequisites	
Predicate	service is not marked with the *transactedOneWay* intent.

Prescription Level	Mandatory
Tags	"transactedOneWay", "intent"

251
252

Assertion ID	POL-TA-90013
Source	[POL90011]
Target	<service/> of component that has a <binding/> that does not support transactional message sending
Prerequisites	
Predicate	service is not marked with the *transactedOneWay* intent.
Prescription Level	Mandatory
Tags	"transactedOneWay", "intent"

253
254
255

Assertion ID	POL-TA-90016
Source	[POL90012]
Target	Component <reference/> with @requires="immediateOneWay"
Prerequisites	a) Component runs under a global transaction c) <reference/> is wired to target service using a transaction aware binding that supports the immediateOneWay intent d) Component invokes the reference via a one-way operation e) Component rolls back its transaction
Predicate	Target service is invoked once and only once
Prescription Level	Mandatory
Tags	"immediateOneWay", "intent"

256
257

Assertion ID	POL-TA-90017
Source	[POL90013]
Target	Component <service/> with @requires="immediateOneWay"
Prerequisites	a) Client is wired to the <service/> using a transaction aware binding that supports the immediateOneWay intent b) Client runs under a global transaction d) Client invokes the <service/> via a one-way operation e) Client rolls back its transaction
Predicate	<service/> is invoked once and only once
Prescription Level	Mandatory
Tags	"immediateOneWay", "intent" "rollback"

258
259

Assertion ID	POL-TA-90018

Source	[POL90015, POL90016, POL90020]
Target	Component <service/> marked with @requires="propagatesTransaction"
Prerequisites	a) Client component has a reference with @requires="propagatesTransaction" b) Client component runs under a global transaction c) Client component is wired to the <service/> using a transaction aware binding that supports the propagatesTransaction intent d) Client component invokes the <service/> via a request/response operation
Predicate	<service/> operation runs under the client component's transaction.
Prescription Level	Mandatory
Tags	"propagatesTransaction", "intent", "transactionContext"

260
261
262
263

Assertion ID	POL-TA-90020
Source	[POL90017, POL90022]
Target	Component <service/> marked with @requires="suspendsTransaction"
Prerequisites	a) Client component has a reference with @requires="suspendsTransaction" b) Client component runs under a global transaction c) Client component is wired to <service/> using a transaction aware binding that supports the suspendsTransaction intent d) Client component invokes <service/> via a request/response operation
Predicate	<service/> operation does not run under client component's transaction.
Prescription Level	Mandatory
Tags	"suspendsTransaction", "intent", "transactionContext"

264
265

Assertion ID	POL-TA-90021
Source	[POL90019]
Target	Component <service/>
Prerequisites	Component is marked with the *managedTransaction.local* intent
Predicate	<service/> is not marked with the *propagatesTransaction* intent
Prescription Level	Mandatory
Tags	"propagatesTransaction", "managedTransaction.local", "", "intent"

266
267

Assertion ID	POL-TA-90022
Source	[POL90019]
Target	Component <service/>
Prerequisites	Component is marked with the *noManagedTransaction* intent
Predicate	<service/> is not marked with the *propagatesTransaction* intent
Prescription Level	Mandatory

Tags	"propagatesTransaction", "noManagedTransaction", "intent"

268
269
270
271
272
273

Assertion ID	POL-TA-90025
Source	[POL90023]
Target	Component <reference/>
Prerequisites	Component is marked with the *managedTransaction.local* intent
Predicate	<reference/> is not marked with the *propagatesTransaction* intent
Prescription Level	Mandatory
Tags	"propagatesTransaction", "managedTransaction.local", ", "intent"

274
275

Assertion ID	POL-TA-90026
Source	[POL90023]
Target	Component <reference/>
Prerequisites	Component is marked with the *noManageTransaction* intent
Predicate	<reference/> is not marked with the *propagatesTransaction* intent
Prescription Level	Mandatory
Tags	"propagatesTransaction", "noManagedTransaction", "intent"

276
277

Assertion ID	POL-TA-90027
Source	[POL90024]
Target	Component reference with a one-way operation
Prerequisites	a) Component is marked to run under a transaction b) Component invokes a method of the reference marked @OneWay
Predicate	Transaction context is not propagated with the message sent from the reference
Prescription Level	Mandatory
Tags	"transactionContext", "intent"

278
279

Assertion ID	POL-TA-90028
Source	[POL90025]
Target	Component reference with a one-way operation and also marked with *propagatesTransaction* intent.
Prerequisites	a) Component is marked to run under a transaction b) Component implementation invokes a method of the reference marked @OneWay
Predicate	Transaction context is not propagated with the message sent from the reference

Prescription Level	Mandatory
Tags	"propagatesTransaction", "intent"

280
281

Assertion ID	POL-TA-90030
Source	[POL90027]
Target	<component/> <service/>
Prerequisites	<component/> <implementation/> marked with *managedTransaction.local* intent
Predicate	<service/> is not marked with the *transactedOneWay* intent
Prescription Level	Mandatory
Tags	"transactedOneWay", "managedTransaction.local", ,"intent"

282
283

Assertion ID	POL-TA-90031
Source	[POL90027]
Target	<component/> <reference/>
Prerequisites	<component/> <implementation/> marked with *managedTransaction.local* intent
Predicate	<reference/> is not marked with the *transactedOneWay* intent
Prescription Level	Mandatory
Tags	"transactedOneWay", "noManagedTransaction","intent"

284
285

Assertion ID	POL-TA-90032
Source	[POL90028]
Target	<component/> <interface/operation>
Prerequisites	<component/> <interface/operation> is a request-response operation
Predicate	<interface/operation> is not marked with the *transactedOneWay* intent.
Prescription Level	Mandatory
Tags	"transactedOneWay","intent"

286
287

Assertion ID	POL-TA-90033
Source	[POL90029]
Target	<component/> <interface/operation>
Prerequisites	<component/> <interface/operation> is a request-response operation
Predicate	<interface/operation> is not marked with the *immediateOneWay* intent.
Prescription Level	Mandatory
Tags	"immediateOneWay","intent"

288

Assertion ID	POL-TA-90034
Source	[POL90030]
Target	<component/> <reference/>
Prerequisites	<component/> <reference/> marked with the *asynchInvocation* intent
Predicate	<component/> <reference/> is not marked with the *propagatesTransaction* intent
Prescription Level	Mandatory
Tags	"asynchInvocation", "propagatesTransaction","intent"

289
290

Assertion ID	POL-TA-90035
Source	[POL90030]
Target	<component/> <service/>
Prerequisites	<component/> <service/> marked with the *asynchInvocation* intent
Predicate	<component/> <service/> is not marked with the *propagatesTransaction* intent
Prescription Level	Mandatory
Tags	"asynchInvocation", "propagatesTransaction","intent"

291
292

Assertion ID	POL-TA-90036
Source	[POL90031]
Target	<component/> <service/> marked with *asynchInvocation* intent
Prerequisites	a) Client component has a reference with @requires="propagatesTransaction" b) Client component runs under a global transaction c) Client component is wired to <service/> using a transaction aware binding that supports the propagatesTransaction intent d) Client component invokes <service/> via a request/response operation
Predicate	<service/> behaves as if it were marked with the *suspendsTtransaction* intent
Prescription Level	Mandatory
Tags	"asynchInvocation", "intent"

293

2.7 Section 10

295

Assertion ID	POL-TA-100001
Source	[POL100001]
Target	*SOAP* intent on a service and the reference it is wired to.
Prerequisites	
Predicate	The SCA runtime uses the *SOAP* messaging model to deliver messages
Prescription Level	Mandatory
Tags	"SOAP", "intent"

296
297

Assertion ID	POL-TA-100002
Source	[POL100002]
Target	*SOAP.v1_1* intent on a service and the reference it is wired to.
Prerequisites	
Predicate	The SCA runtime uses the SOAP.v1_1 messaging model to deliver messages
Prescription Level	Mandatory
Tags	"SOAP.v1_1", "intent"

298
299

Assertion ID	POL-TA-100003
Source	[POL100002]
Target	*SOAP.v1_2* intent on a service and the reference it is wired to.
Prerequisites	
Predicate	The SCA runtime uses the SOAP.v1_2 messaging model to deliver messages
Prescription Level	Mandatory
Tags	"SOAP.v1_2", "intent"

300
301

Assertion ID	POL-TA-100004
Source	[POL100003]
Target	*JMS* intent on a service and the reference it is wired to.
Prerequisites	
Predicate	The SCA runtime ensures that the binding used to send and receive messages supports the JMS API.
Prescription Level	Mandatory
Tags	"JMS", "intent"

302
303

Assertion ID	POL-TA-100005
Source	[POL100004]
Target	<component/> <service/>
Prerequisites	
Predicate	<service/> does not have the noListener intent applied to it
Prescription Level	Mandatory
Tags	"noListener", "intent"

304
305

Assertion ID	POL-TA-100006
Source	[POL100005]
Target	<component/> <reference/> marked with noListener intent

Prerequisites	- <reference> has a callback interface
Predicate	No connection is created from the service to a client
Prescription Level	Mandatory
Tags	"noListener", "intent"

306

Assertion ID	POL-TA-100007
Source	[POL100006]
Target	<component/> <service> marked with EJB intent
Prerequisites	- EJB client that can invoke the <service>
Predicate	The service is invoked using the EJB API.
Prescription Level	Mandatory
Tags	"EJB", "intent"

307

Assertion ID	POL-TA-100008
Source	[POL100007]
Target	<component/> <reference> marked with EJB intent
Prerequisites	- EJB that can be invoked by the <reference>
Predicate	The <reference> is used to invoke the EJB.
Prescription Level	Mandatory
Tags	"EJB", "intent"

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2.8 Section 11

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Assertion ID	POL-TA-110001
Source	[POL110001]
Target	A composite file
Prerequisites	composite file does not conform to sca-policy-1.1.xsd schema
Predicate	SCA runtime rejects the composite file and raises an error.
Prescription Level	Mandatory
Tags	"xmlSchema", "schemaConformance"

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3 Conformance

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315 There are no conformance statements relating to the Test Assertions.

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A Cross Mapping of Conformance Statements to Assertions

Conformance statement	Test Assertion
POL30001	POL-TA-30001, POL-TA-30002
POL30002	POL-TA-30003
POL30004	POL-TA-30004
POL30005	POL-TA-30005
POL30006	POL-TA-30006
POL30007	POL-TA-30007
POL30008	POL-TA-30008
POL30010	POL-TA-30010
POL30011	POL-TA-30011
POL30013	POL-TA-30013
POL30015	POL-TA-30015
POL30016	POL-TA-30016
POL30017	POL-TA-30017
POL30018	POL-TA-30018
POL30019	POL-TA-30019
POL30020	POL-TA-30020
POL30021	POL-TA-30021
POL30024	POL-TA-30025
POL30025	POL-TA-30026
POL40001	POL-TA-40001, POL-TA-40002, POL-TA-40003
POL40002	POL-TA-40049
POL40004	POL-TA-40004, POL-TA-40005
POL40005	POL-TA-40006, POL-TA-40007, POL-TA-40008
POL40006	POL-TA-40009
POL40007	POL-TA-40010, POL-TA-40011
POL40009	POL-TA-40012
POL40010	POL-TA-40001, POL-TA-40002, POL-TA-40003, POL-TA-40013, POL-TA-40014, POL-TA-40015, POL-TA-40016, POL-TA-40017, POL-TA-40018
POL40011	POL-TA-40013, POL-TA-40014, POL-TA-40015
POL40012	POL-TA-40016, POL-TA-40017, POL-TA-40018
POL40014	POL-TA-40020
POL40015	POL-TA-40021
POL40016	POL-TA-40022, POL-TA-40023, POL-TA-40024, POL-TA-40025
POL40017	POL-TA-40026
POL40018	POL-TA-40027, POL-TA-40028, POL-TA-40036
POL40019	POL-TA-40037, POL-TA-40038

Conformance statement	Test Assertion
POL40020	POL-TA-40039
POL40021	POL-TA-40040
POL40022	POL-TA-40041
POL40023	POL-TA-40042
POL40024	POL-TA-40043
POL40025	POL-TA-40041, POL-TA-40042, POL-TA-40043
POL40027	POL-TA-40050
POL40029	POL-TA-40051, POL-TA-40052, POL-TA-40053
POL40030	POL-TA-40051, POL-TA-40052, POL-TA-40053
POL40031	POL-TA-40059
POL40032	POL-TA-40054, POL-TA-40055, POL-TA-40056
POL40033	POL-TA-40060, POL-TA-40061
POL40034	POL-TA-40057
POL40035	POL-TA-40058
POL50001	POL-TA-50001
POL70001	POL-TA-70001
POL70009	POL-TA-70002
POL70010	POL-TA-70003
POL70011	POL-TA-70004
POL70012	POL-TA-70005
POL70013	POL-TA-70006
POL70014	POL-TA-70007
POL80001	POL-TA-80001
POL80002	POL-TA-80002
POL80003	POL-TA-80003
POL80004	POL-TA-80004
POL90003	POL-TA-90003
POL90004	POL-TA-90004
POL90006	POL-TA-90006
POL90007	POL-TA-90007
POL90008	POL-TA-90008
POL90009	POL-TA-90009, POL-TA-90010
POL90010	POL-TA-90011
POL90011	POL-TA-90012, POL-TA-90013
POL90012	POL-TA-90016
POL90013	POL-TA-90017
POL90015	POL-TA-90018
POL90016	POL-TA-90018
POL90017	POL-TA-90020
POL90019	POL-TA-90021, POL-TA-90022

Conformance statement	Test Assertion
POL90020	POL-TA-90018
POL90022	POL-TA-90020
POL90023	POL-TA-90025, POL-TA-90026
POL90024	POL-TA-90027
POL90025	POL-TA-90028
POL90027	POL-TA-90030, POL-TA-90031
POL90028	POL-TA-90032
POL90029	POL-TA-90033
POL90030	POL-TA-90034, POL-TA-90035
POL90031	POL-TA-90036
POL100001	POL-TA-100001
POL100002	POL-TA-100002, POL-TA-100003
POL100003	POL-TA-100004
POL100004	POL-TA-100005
POL100005	POL-TA-100006
POL100006	POL-TA-100007
POL100007	POL-TA-100008
POL110001	POL-TA-110001

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B Conformance

There are no conformance statements relating to the Test Assertions.

C Acknowledgments

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D   Non-Normative Text

None

E Revision History

Revision	Date	Editor	Changes Made
02	09/06/09	Mike Edwards	Initial version in OASIS format
WD02	04/08/09	Mike Edwards, Dave Booz, Ashok Malhotra	Reworked, reworded, reFormatted many TAs
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WD05	11/10/09	Dave Booz	Misc editorial changes Updates from resolved issues through cd02 rev5
WD06	4/22/10	Dave Booz, Ashok Malhotra	Upgrade to CD03 Misc editorial changes
CD01	4/26/10	Dave Booz	Misc editorial updates to prepare for CD01
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