

FINAL**SCA-Policy TC Teleconference****5 Nov 2007****Chair**

Dave Booz, Ashok Malhotra

Scribe

Mike Edwards

Attendees

Name	Company	Status
Fred Carter	AmberPoint	Group Member
Michael Rowley	BEA Systems, Inc.	Group Member
Jacques Durand	Fujitsu Limited*	Group Member
Tom Rutt	Fujitsu Limited*	Group Member
Robert Freund	Hitachi, Ltd.	Group Member
Eric Wells	Hitachi, Ltd.	Group Member
Michael Beisiegel	IBM	Group Member
David Booz	IBM	Group Member
Mike Edwards	IBM	Group Member
Simon Holdsworth	IBM	Group Member
Martin Chapman	Oracle Corporation	Group Member
Anish Karmarkar	Oracle Corporation	Group Member
Rich Levinson	Oracle Corporation	Group Member
Ashok Malhotra	Oracle Corporation	Group Member
Sanjay Patil	SAP AG*	Group Member
Martin Raeppele	SAP AG*	Group Member
Fabian Ritzmann	Sun Microsystems	Group Member
Tai-Hsing Cha	TIBCO Software Inc.	Group Member

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 Issue #7: Implicit addition of intents based on a service or reference's @requires list
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Resolutions

- Resolution: 1. Minutes of Policy TC meeting of 29th October accepted.**
- Resolution: 2. Issue #7 is resolved using the Proposal wording as written in message 115 in the Policy TC mail list.**
- Resolution: 3. Issue #13 is closed with no action.**
- Resolution: 4. Issue #10 is closed with no action.**

Actions

ACTION: Ashok to clarify the meaning of this Issue on the email list.

Agenda

1. Roll call
2. Appointment of minute taker – Mike Edwards
3. Agenda bashing
4. Vote to accept minutes from previous meeting
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00116.html>
5. TC Document URL Structure – Note From Graham Barber
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00110.html>

5. ISSUES

a. Required intents on interfaces – Michael Rowley

Final wording: <http://lists.oasis-open.org/archives/sca-policy/200710/msg00113.html>

Mike Edwrads: <http://lists.oasis-open.org/archives/sca-policy/200710/msg00115.html>

b. Requirements for Policy Framework Document

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00046.html>

<http://www.osoa.org/jira/browse/POLICY-13>

c. Intent/intentMap Relationship

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00043.html>

<http://www.osoa.org/jira/browse/POLICY-10>

e. WS-I compliance versus QoS policy

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00042.html>

<http://www.osoa.org/jira/browse/POLICY-9>

f. Binding config relationship to policySet

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00044.html>

<http://www.osoa.org/jira/browse/POLICY-11>

g. Annotations for policy intents

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00045.html>

<http://www.osoa.org/jira/browse/POLICY-12>

h. Binding hierarchies need to be considered in policyReference matching

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00047.html>

<http://www.osoa.org/jira/browse/POLICY-14>

i. External mechanism for attaching intents or policySets

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00048.html>

<http://www.osoa.org/jira/browse/POLICY-15>

j. Targeting policySets to bindings.ws

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00049.html>

<http://www.osoa.org/jira/browse/POLICY-16>

k. Need Transaction Policy Spec

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00050.html>

<http://www.osoa.org/jira/browse/POLICY-17>

l. Should qualifiable intents have a default qualifier?

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00051.html>

<http://www.osoa.org/jira/browse/POLICY-18>

m. Wiring from a reference with no binding to a service with a binding

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00085.html>

<http://www.osoa.org/jira/browse/POLICY-34>

n. The ability to express capabilities via intents

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00084.html>

<http://www.osoa.org/jira/browse/POLICY-33>

o. Security intent which allows a client to authenticate a server

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00083.html>

<http://www.osoa.org/jira/browse/POLICY-32>

p. Is it possible to use only a piece of a more general policy set?

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00082.html>
<http://www.osoa.org/jira/browse/POLICY-31>
q. Is the policy (specified in intentMap) from all of multiple qualified intents in effect?
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00081.html>
<http://www.osoa.org/jira/browse/POLICY-30>
r. Need more precision on when policies in a policySet are in effect
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00080.html>
<http://www.osoa.org/jira/browse/POLICY-29>
s. Add the ability to attach policy directly to an SCA composite
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00079.html>
<http://www.osoa.org/jira/browse/POLICY-28>
t. Operation level policy attachment is broken
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00078.html>
<http://www.osoa.org/jira/browse/POLICY-27>
u. Security implementation should be validatable by schema
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00077.html>
<http://www.osoa.org/jira/browse/POLICY-26>
v. XPath expressions for intent@constrains
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00076.html>
<http://www.osoa.org/jira/browse/POLICY-25>
w. More direct structural qualifier definition
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00075.html>
<http://www.osoa.org/jira/browse/POLICY-24>
x. Policy attachment at the message level
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00074.html>
<http://www.osoa.org/jira/browse/POLICY-23>
y. Profile intent extension - provides other intents
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00073.html>
<http://www.osoa.org/jira/browse/POLICY-22>
z. always provides in binding specs
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00072.html>
<http://www.osoa.org/jira/browse/POLICY-21>
aa. Should intents have a default policySet
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00071.html>
<http://www.osoa.org/jira/browse/POLICY-20>
bb. Composite/Group Policy
<http://lists.oasis-open.org/archives/sca-policy/200710/msg00070.html>
<http://www.osoa.org/jira/browse/POLICY-19>

7. Conformance

Start discussion about conformance.

8. Discussion re Framework spec and moving to Committee Draft

9. AOB

10. Any additions to the roll?

(Item 3) Agenda Bashing

Agenda accepted as-is.

(Item 4) Minutes from previous meeting of Policy TC

Michael Rowley: Moves to accept the minutes for 29th October meeting.

Martin Chapman: seconds

Agreed unanimously

Resolution: 1. Minutes of Policy TC meeting of 29th October accepted.

(Item 5) TC Document URL structure

There is no progress on this item – there is no new proposal to discuss.

(Item 7) Conformance

Ashok asks the TC to start to consider conformance - what would THIS specification require for conformance. Also asks whether we need to consider forming a conformance sub-committee.

Michael Rowley: First need to resolve what are the TARGETS for the conformance statements, ie, which software component is under consideration. eg. one aspect is the deployment code which must find the appropriate Policy Sets for the intents marked into the Composites. It is not clear whether the conformance stretches to interoperation testing (for example).

Anish: Another target is certain other types of SCA artifacts like composites. Doubtful whether we can do any wire-level interop.

Michael Rowley - Not sure that we would be generating any test suite artifacts in all cases. An example might be violations of mutual exclusion of intents.

Jacques Durand: Useful to write test assertions - identify the artifacts under test and then express pre and post conditions on those artifactsthis is done before writing a test suite.

Anish: Another example, not policy related, but will folks an idea of what I'm talking about -- if my component type has a service with interface foo and the component configuration has an interface foo1 and foo and foo1 are not compatible then that is not conformant.

Martin Chapman: 3 things in here:

- a) Define conformance language in the spec - need to identify targets
- b) Test assertions based on the conformance statements
- c) (out of scope) certification

Michael Rowley: I'd expect the folks running the test to be implementers of SCA runtimes checking that their implementations meet the specs. Best to specify things in concrete terms of error situations and the code expected to report them.

Anish: Useful to think about conformance in both ways - ie X is invalid and the code should generate error Y when it detects that X has occurred

TomRutt: Two Examples of a possible spec conformance statements: "an element information item corresponding to an intent/policy statement used in an SCA document MUST be valid according to the XML Schema". "When an intent/policy is associated with an SCA element, that element MUST adhere to the constraints associated with the definition of that intent/policy statement"

Mike Edwards: I do expect to see runnable tests from this process, that anyone can run. May require cross-TC liaison on order to get these, but that is a natural consequence of the test.

(Item 8) State of the Specification

Currently, Dave B is putting in the errata - aim to vote to get this to a committee draft in a week or two. There is a version of the document in the repository

(Item 5) Open Issues

Issue #7: Implicit addition of intents based on a service or reference's @requires list

<http://www.osoa.org/jira/browse/POLICY-7>

Proposals:

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00113.html>

<http://lists.oasis-open.org/archives/sca-policy/200710/msg00115.html>

Mike Edwards moves to resolve the issue using the proposal wording in message 115 (URL above)

Michael Rowley seconds.

Accepted Unanimously.

Resolution: 2. Issue #7 is resolved using the Proposal wording as written in message 115 in the Policy TC mail list.

Issue #13: Requirements for Policy Framework Document

Anish moves to close the issue with no action
Michael Rowley seconds

Accepted unanimously.

Resolution: 3. Issue #13 is closed with no action.

Issue #10: Intent/IntentMap Relationship

Mike Edwards: I argue that there is no problem of interpretation here - it is valid to have a Intent declared on a PolicySet without an IntentMap

Michael Rowley: Starting at line 1130:

A policySet matches a required intent if any of the following are true:

- 1.The required intent matches a provides intent in a policySet exactly.
- 2.The provides intent is a parent (e.g. prefix) of the required intent (in this case the policySet must have an intentMap entry for the requested qualifier)
- 3.The provides intent is more qualified than the required intent.

Mike Edwards: There is also lines 243 - 289 describing the structure of a PolicySet which does not state that an intent provided by the PolicySet must be matched by an IntentMap - and indeed has an example which does not use an IntentMap

Michael Rowley moves to close Issue #10 with no action.
Mike Edwards seconds

Accepted unanimously.

Resolution: 4. Issue #10 is closed with no action.

Issue #17: Need Transaction Policy Spec

Anish: I think we should wait till it gets submitted, from a process POV- that is also not fair to folks who are in the TC but not in OSOA.

Mike Edwards: I think this should stay on the books until there is a formal submission

Issue #9: WS-I compliance versus QoS policy

Ashok Malhotra: Both can be expressed with WS-Policy, what position will we take? Should WS-I semantics be expressed in policy?

ACTION: Ashok to clarify the meaning of this Issue on the email list.

AOB

Next meeting 12th November 2007
Close of Business