Publishing Web Service Policies

W3C Constraints and Capabilities Workshop, October 2004
BT Web Services

• Web services for integration
  – 1000s ‘running the business’

• Web services for revenue
  – key part of 21CN

Interoperability!
Policies

- Status
- Signing
- Encryption
- Authentication
- Conformance Claims
- Availability
- Life Cycle
- Loading
- Privacy
- QOS
- Price

agent interactions

shortcut negotiations

service selection
Policy Framework

- Composition
- Privacy
- Security
- QOS
- Assertions
- ...
Policy Environment

• Evolution
• Negotiation
• Commitment
Workshop Use Case

• ‘mustUnderstand’ mechanism

• identification of message parts

• combinations:
  – and, or, both, precedence, quantification

• assertions:
  – description: interface, binding, endpoint
  – inside message contents
Obvious Candidates

• WS-Policy
• Features and Properties
• Semantic Web activity
• Others?

none currently suitable for BT!
Conclusions

• BT investing heavily in *Web services*

• BT needs to publish *policies*

• No * interoperable* mechanism exists

• **W3C** can lead the industry towards a solution
Thank You!

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