

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



Policies

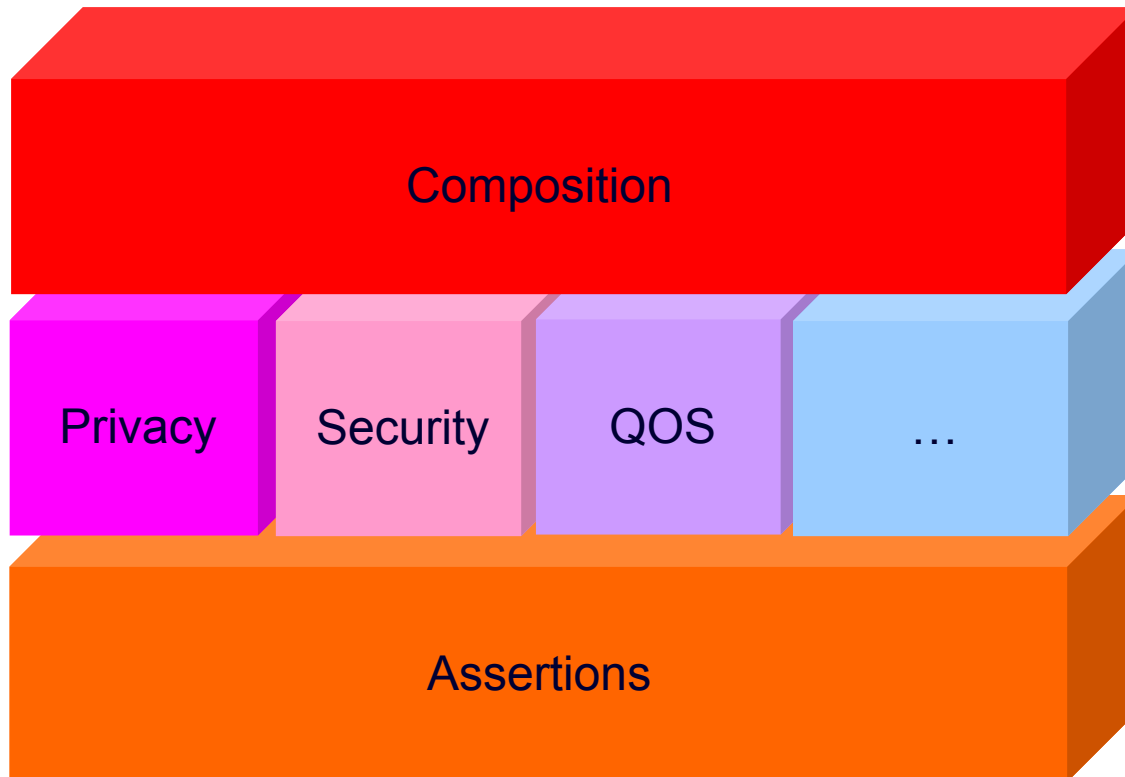
agent
interactions

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

shortcut
negotiations

service
selection

Policy Framework



Combinations

Vocabularies

Uniform
MetaData

Policy Environment

- Evolution
- Negotiation
- Commitment



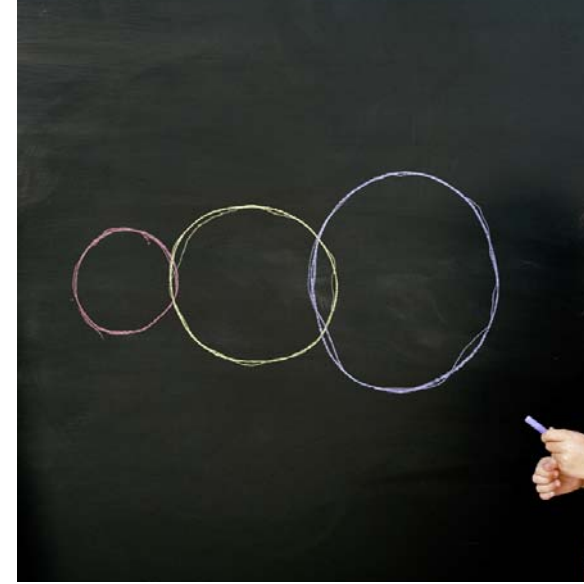
Workshop Use Case

- ‘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!

Paul Downey, BT Exact
October 2004

