SACM Hackathon

IETF 101
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Initial Architectural Thoughts
The Plan

1. Mock Assessment Content Repository
2. Publish Assessment Content
3. Subscribe Assessment Content
4. CIS-CAT Pro Assessor
5. Endpoints
6. Publish Assessment Results
7. Subscribe Assessment Results
8. CIS-CAT Pro Dashboard
9. Subscribe Assessment Results
Deployment

AWS

Openfire
HTTP File Upload
PubSub

XMPP Connections

IETF 101

Policy Producer
Policy Consumer
Results Producer
Results Consumer
Hmm.

That was too easy?
It was.

But now we have more questions and things to look at...
XMPP-grid Gaps

- XEP-0050 : Ad Hoc Commands
- XEP-0115 : Entity Capabilities
- XEP-0214 : File Repository and Sharing
- XEP-0248 : PubSub Collection Nodes
- XEP-0253 : PubSub Chaining
- XEP-0312 : PubSub Since
- XEP-0346 : Form Discovery and Publishing
- XEP-0401 : Easy User Onboarding
The Pipes Seem Ok... We need Semantics

The Major Open Questions:

• What are the components?
• What are their capabilities?
• How do we describe their logical interface?
• How do we describe their implementation interface?
More to come...

Architecture presentation will contain some additional information and possible next steps.