Brainstorming Session

Ideas

- Getting out of a centralized system, but having seamless interoperable way for provisioning among many systems
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  - Open automated interface to manage accounts
    - Are we developing an interface? (Maybe not part of a goal)
    - Comment: Automated Interface → Mechanism, notions of common information model (may not define API)
- Synchronize account information
  - Comment: State information of account
  - Comment: Instead of synchronize, possibly use "exchange"
  - Comment: Event model and information by reference
  - Possible allowing state information for event model
  - Comment: SNMP Model
  - CIM - DMTF (Common Information Model)
- One interface does not have more control than another (peer-to-peer)
  - Interface acts differently depending on information requested
    - May be more complicated, e.g., SAML
    - Comment: Quality of credentials being passed
    - Comment: Trust authority to enable trust credentials of actors being passed between systems
      - e.g., company A may be master of identity but company B may own resource
- Common data model
  - Comment: Shoud be main point then common schema
    - Schema objects being discussed:
      - Attributes of resources?
    - Base set
    - Namespace
    - Comment: Common semantics for vendors to develop off of.
      - Comment: Develop base set and then allow for extensibility (Scope of schema)
      - Issues:
        - Resource Vendors (SAP, Peoplesoft) input would be important
        - Should really look at XML
        - Querying in SNMP has no semantics
        - Drive to common schema for interoperability
        - Business Layers model was just information model
        - JeffH: Discussion of implementation done at Stanford.
        - Provisioning system to resource(s) by mapping

        - CIM: Available user information model may to investigate
        - Possibly go to another level of abstraction to a possible feature or application object
- Protocols are available but we need agreement on syntax & semantics
    - Due Diligence is required on protocols that exist before thinking to create new ones.
        - SAML → authorization decision within XML
        - XML-pure for directory access
            - DSML – v2 (over SOAP)
                - Comment: need method to request information and read/write information between parties
                - Comment: Are we requiring XML-based standard development?
                - Comment: Between two provisioning systems – meta language should be XML? Yes. **Use XML encoding, XML schema.**
        - XACML
        - Information model
    - ~~oDifference between identity and account?~~
    - Is their agreement on information model? TBD **
- Policy definition (Something that XACML may be defined to act on)
    - Comment: Policy definition is in scope or out?
    - Policy can be exchange with provisioning information?
        - Comment: May be built within the provisioning platform
    - Exchange what is being provisioned but not really the policy
        - Comment: Possible dependency on what to provision to
        - Comment: Is delegation a policy statement?
            - Look at XACML
                - Comment: Investigate of provisioning abstract model within XACML
            - Comment: Query of what to request
            - Comment: Two policies which may play role within provisioning: Conveying policy and policies about act of provisioning
- Vocabulary and definition (Glossary)
    - Difference between identity and account? (maintain commonalities)
        - Possible lookup within CIM
        - SAML
        - XACML
        - Rosettanet
        - HR-XML standard
        - ebXML
        - WfMC
        - XML Schema definition for CIM?

- Defining requestor

- Request provisioning without prior knowledge of other party with a possible trust entity or relationship
  - Comment: Uddi-like
  - Comment: Trust stamp on request to be provisioned
  - Comment: Possibly conforming to some grouping contract
- Support Web Services
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  - Use of XML and URI
  - Investigation:
    - WSDL
    - Use of UDDI aspects and vice versa
  - Transport Independence is quite important

~~- Reuse of components~~

~~- Identifying other standards groups that may allow for consolidation/agreements~~

~~- Definition of Scope~~

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- Define Liason to be "active" tangent technologies and complementary standard groups – Action**
- Transaction monitoring (knowledge of event) – Auditing
  - Auditing (after the effect logging), confirmation
  - Event model – Reporting state information
    - Comment: e.g., bulk import
    - Comment: Notion of trap
      - What happens from a resources and fault alike
- Provisioning to resources – Resource implementation neutral – Datastore agnostic
  - LDAP-centric? - No
  - Comment: Talking to Resource type may be out of band
  - Comment: Should not prohibit from vendors to build out to the resource type
  - Comment: Lightweight sub-set for provisioning to resource or e.g., peoplesoft to be provisioned to more than one provisioning system?
  - **Action: Develop a Use Case: End user is asking or interoperability between provisioning systems.
    - Profile information

~~- Clear definition of access protocols~~

~~- Transport independence…~~

- Asynchronous model
  - Should support asynchronous and synchronous
- Batch model
  - e.g., provisioning a large amount of students in a university environment
  - Sending more than one request in an envelope
    - Key to elaborate on…
    - Comment: Look at Bulk operations in LDAP (consummation of large data sent by LDIF)

        - Specifying dependence on batch and asynchronous??
- Chaining requests across systems to end resource
    - Comment: Process should be forwarded.
    - Comment: How to deal with intermediaries?
        - Should intermediaries be active or not?
            - Intermediaries acting on part of two other parties without the knowledge of the two parties
        - Support chaining as long as you don't update it
- Multi-domain workflow
    - Comment: Notification of certain processes
        - E.g., query status, notification, priority
    - Define context of external workflow
    - Comment: WFMC has thought a lot of this and we should look at it.
- Decision support tools
    - Prototype & Customer involvement
        - Comment: How important is workflow component?
        - Comment: Resource to provisioning
- Conformance Tools
    - Agreement

~~- Defining requestor~~

- Business Scenario Development
    - Use cases with specific marketplaces in mind.
    - Possible hosting of provisioning focus within Open Group

~~- Defining Champions and dates~~

- Management aspects of OAM
    - Versioning
    - Extension mechanism
    - Customer Support Consortium
        - SES (Solution exchange standard)
        - SIS (service incident specification)
- Identify process for TC submission, name?, documents?, etc…
    - Defined earlier
    - Provisioning Service TC
- Definition of Scope
- Neutral third-party for chair
- Defining Champions and dates
- Liasions
    - SAML – Jeff Hodges
    - XACML – Jeff Hodges
    - DSML – Winston Bumpus, Tony Gullotta
    - DMTF – Winston Bumpus
    - ebXML – Adrian Viego, Gavenraj Sodhi
    - XML-Signature - (Work is complete)
    - Shibboleth – Marlena Erdos
    - WfMC - (Stable at this time)