Information model for Client-facing Interface
draft-kumar-i2nsf-client-facing-interface-im-03

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Agenda

- Draft overview
- WG discussions
- Next steps and plans

Draft overview … (1/2)

- ➤ Information model for client-facing interface
  - ▪ Identify set of managed objects (resources)
  - ▪ Relationship among these objects
  - ▪ Objects and the relationship defines the interface
- ➤ Based on WG draft requirements
  - ▪ WG draft
    - o draft-ietf-i2nsf-client-facing-interface-req
- ➤ Managed objects for functional requirements
  - ▪ Multi-tenancy related objects
    - o Policy-Domain, Policy-Tenant, Policy-Role, Policy-User
    - o Authentication-Method: password, token, certificate, SSO; mutual or not?
  - ▪ End-point group objects
    - o Meta-data source/endpoints group information source: LDAP, Active Directory, CMDB, GeoIP database, …
    - o User-group, Device-group, Application-group, Location-group

Draft overview … (2/2)

- Threat prevention objects
  - Threat-feed, Custom-List, Malware-Scan, Event-Map
- Telemetry collection objects
  - Telemetry-Data, Telemetry-Source, Telemetry-Destination
- Security policy objects
  - Policy-Instance objet created using
    - Policy-Calendar, Policy-Action, Policy-Rule
  - Policy-Instance: rules, schedule methods

WG comments

➢Any input?

Net steps and plans
draft-kumar-i2nsf-client-facing-interface-im-01

- Evolve draft based on requirements
  - Update the draft whenever requirement draft get updated
    - WG client-facing interface requirement draft
      - draft-ietf-i2nsf-client-facing-interface-req
- Incorporate ideas from co-authors discussions
  - Not all ideas made to the draft because of IETF deadline
    - Continue hashing ideas on the table and add accordingly
    - Revisit managed objects
      - Contents and relationship
- Incorporate ideas from WG mailing discussions
  - Address comments received
    - Linda Dunbar
  - Solicit inputs on the model
    - Completeness of the model itself
    - Content of managed objects

Thanks!

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