ALTO Protocol

draft-ietf-alto-alto-protocol-12


Grateful to contributions from large number of collaborators; see draft for complete list.
Outline

- Changes after WGLC
- Outstanding Issues
Changes: -11 → -12

- Numerous editorial changes and clarifications
- More interesting changes
  - Document relationship between Endpoints, Resource Consumers, and Resource Providers
  - Numerical costs are floating point numbers
  - Ordinal costs are relative to all other values in Cost Map
  - Removed 'reason' from error response (to avoid localization issues)
  - Explicit guidance on overload control
  - Added AddressType registry
  - Made Endpoint Property response consistent with map responses
  - Made Endpoint Property values JSONValues (for extensibility)
  - Expanded guidance to ALTO Clients on NATs
Outstanding Issues

- New requirement on Operations and Management
  - Scope of suggestions by RFC5706 is *huge*
  - Not clear what should be in draft-ietf-alto-protocol; guidance is needed

- Initial Proposal
  - Handle (most of) 'Operations' in draft-ietf-alto-protocol
    - Also document that IPFIX and syslog should be used (for their respective pieces)
  - Handle 'Management' in draft-ietf-alto-deployments and extensions

- List discussion
  - Quick sketch of how points raised by RFC5706 might be addressed in ALTO
  - Depending on resolution and scope, target to have text by end-of-week