

ALTO Protocol

draft-ietf-alto-protocol-12

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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