

ALTO Requirements

draft-ietf-alto-reqs-07

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Changes since -06

- ALTO now has a “deployment considerations” doc in charter
 - We have moved the (sub)sections
 - 2.4 Sample Use Cases
 - 4 Host Group Descriptors (Discussion of (in)appropriate ...)
 - 5 Rating Criteria (Discussion of (in)appropriate ...)
- to draft-stiemerling-alto-deployments-06
- **Goal:** rather short and precise requirements doc
 - + rationale and implementation hints in longer “deployment considerations” document with more relaxed language
 - Extensive language cleanup

Changes since -06

- “New” requirements
 - ARv07-18: ALTO Specs MUST NOT define rating criteria with the primary goal of doing congestion control
 - ARv07-19: Apps using ALTO guidance MUST NOT rely on ALTO guidance to avoid causing congestion. Use, e.g., TCP.
 - ARv07-51: The ALTO client protocol MUST support mechanisms for the encryption of messages.

NB: None of these “new” reqs. is really new.

They were already stated in a less formal way in sections 5.4. “Inappropriate Rating Criteria” and 7. “Security Considerations” of the -06 and earlier versions of the document.

Conclusions & Next Steps

- The set of requirements has been stable for a long time
- No known conflicts or issues with draft-ietf-alto-protocol-06
- There has been significant document structure & language cleanup recently
- The authors believe draft-ietf-alto-reqs-07 is ready for WGLC