

AFS3 Standards Update

Sine Nomine Associates

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A brief history

- afs3-standardization mail list established
- discussions and proposals debated
- Simon's "Options for AFS Standardisation" adopted
- co-chairs elected
- Internet Drafts written
- Internet Drafts submitted to independent streams

Options for AFS Standardisation

- Provisional charter
- Proposal to bootstrap standardization work
- More formalization proposed for standardization work
- Elections of chairs
- Leverage IETF Independent Streams process

AFS3 Standards Co-Chairs

Present

- Jeffrey Hutzelman
- Michael Meffie

Past

- Douglas Engert
- Hartmut Reuter

RFCs

- RFC 5868
- DNS SRV Resource Records for AFS
- Russ Allbery

Internet-Drafts

- Adding Extended Authentication Names to the Bos Super User list
- rxgk: GSSAPI based security class for RX
- Integrating rxgk with AFS
- AFS Callback Extensions (Draft 14)
- Authentication Name Mapping extension for AFS-3 Protection Service
- Methods of Specifying Restrictions on AFS3 ACLs
- Adding a Flexible GetSize RPC Variant to the AFS-3 Volume Service
- Base Types for Time in AFS-3
- AFS Byte-Range Locking
- Options for AFS Standardisation



Internet-Drafts

- Data Transmission Over Out-of-Band Alternative Tranzports for AFS-3
- AFS-3 Protocol Capabilities Query Mechanism
- AFS-3 Directory Object Type Definition
- AFS-3 Rx RPC XDR Primitive Type Definitions
- Extensible XDR Discriminated Union Primitive Type
- AFSVol Tag-Length-Value Remote Procedure Call Extensions

New Process

- AFS3-stds document repository
- Ending IETF Independent Streams submissions for standards work
- Continue to use Internet-Draft (RFC) format for documents
- Documents for review and approved by the group will be available in AFS and HTTP



AFS3-Standards Repository

- Hosted on grand.central.org AFS cell and web servers
- Created and maintained by AFS3-std co-chairs
- Canonical location for document revisions and state
- Allows for the publication of IPL derived works
- Does not preclude authors from submitting original work to Independent Streams
- <http://afs3-stds.central.org>



Document States

- Continue to use AFS3-stds document states
- These are different than the IETF states

Document States

- draft
- experimental
- standard

Chair Goals

- Significantly better shepherding of documents
- Significantly better at call for consensus
- Clear definition of areas subject to standardization
- Clear definition of work-flows
- Clear reporting of document status and outstanding issues
- Monthly status updates
- Better support for authors; i.e. tools and templates



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Thank You

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