

Status and Issues for the “Client-Server” Suite of Drafts

draft-ietf-netconf-crypto-types-18
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NETCONF WG
IETF 109 (Virtual)

Since IETF 108

High-level Updates:

crypto-types:

- Added “password-grouping” to define a “union” between a cleartext-password and an encrypted-password (discussed during 108 session)
- Added four “feature” statements for the “encrypted” formats (i.e., “password-encryption”, “symmetric-key-encryption”, and “private-key-encryption”) and for the “certificate-expiration” notification (i.e., certificate-expiration-notification)

trust-anchors:

- Fixed issues found by the SecDir review of the "keystore" draft (mostly editorial).

keystore:

- Fixed issues found by the SecDir review of the "keystore" draft (mostly editorial).
- Practically rewrote the entirety of Section 4 (Encrypting Keys in Configuration).



In Last Call

Since IETF 108 (cont.)

tcp-client-server:

- Modified SOCKS GSA-API password node to use new "password-grouping" from ietf-crypto-types.
- Added "mandatory true" for the "username" and "password" leafs
- Added missing "ietf-tcp-common" registration to the "IETF XML" registry.
- Lots of editorial changes from the "keystore" draft's SecDir review.

ssh-client-server:

- Updated the "ietf-ssh-client" module to use new "password-grouping" from ietf-crypto-types.
- Lots of editorial changes from the "keystore" draft's SecDir review.

tls-client-server:

- In both the "client-authentication" and "server-authentication" subtrees, replaced the "psks" node from being a P-container to a leaf of type "empty".
- Cleaned up examples (e.g., removed FIXMEs)
- Updated the "psk" sections in the "ietf-tls-client" and "ietf-tls-server" modules to more correctly reflect RFC 4279.
- Lots of editorial changes from the "keystore" draft's SecDir review.

http-client-server:

- Cleaned up examples (e.g., removed FIXMEs)
- Updated the "ietf-http-client" module to use the new "password-grouping" grouping from the "crypto-types" module.
- Lots of editorial changes from the "keystore" draft's SecDir review.

netconf-client-server:

- Lots of editorial changes from the "keystore" draft's SecDir review.

restconf-client-server:

- Lots of editorial changes from the "keystore" draft's SecDir review.

Next Steps

- Just need to work thru the SecDir review for the “truststore” draft.
- Otherwise, all of the remaining drafts are primed for WGLC...