

Combination Presentation for:

draft-ietf-netconf-keystore-04

draft-ietf-netconf-ssh-client-server-05

draft-ietf-netconf-tls-client-server-05

draft-ietf-netconf-netconf-client-server-05

draft-ietf-netconf-restconf-client-server-05

NETCONF WG
IETF 100 (Singapore)

Recap

- The Last Call was unsuccessful
 - There was only one review, though it was a doozy
 - calling for a major restructuring of the models...

draft-ietf-netconf-keystore-04

- Most significant update: (many smaller updates)
 - Moved the keys and their associated certificates from protocol-accessible nodes to groupings
 - *Does this mean we need to rename the module since it actually no longer stores any keys?*
- Most significant non-updates:
 - Define reusable crypto types (e.g., crypto:x509v3)
 - *A module called “ietf-crypto-types”?*
 - Move algorithmic identities into another module
 - *or put both into a module called “ietf-crypto”?*

draft-ietf-netconf-ssh-client-server-05

draft-ietf-netconf-tls-client-server-05

- Most significant updates (many smaller updates)
 - Now inlines the keys and their associated certificates
 - e.g., uses the aforementioned groupings
 - Updated YANG to use typedefs around leafrefs to common keystore paths
 - leafref paths are no longer viable in tree diagrams
 - Removed the compression algorithms

draft-ietf-netconf-netconf-client-server-05

draft-ietf-netconf-restconf-client-server-05

- Most significant updates (many smaller updates)
 - Now there are containers, in addition to the grouping, for both the client and server models.
 - I maintain the the client containers are useless, but they don't have to be implemented (conformance type)
 - Now inlines the keys and their associated certificates
 - e.g., uses the aforementioned groupings
 - Several 'must' and 'mandatory' statements added
 - a testament to the depth of the reviews

Summary

- Most of the action is in the Keystore module
 - which is having a ripple effect to all the other modules.
- Additional Keystore module refactoring is needed
 - e.g. ietf-crypto-types, etc.
- A number of dependencies are lining up
 - mostly on the TLS client/server modules
 - we need to get these modules done soon

Questions, comments, concerns?