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...
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”?
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
• **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 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?