NETCONF WG

IETF 85, Atlanta, USA

Prelimenary NetConf Interop Report

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Goals

- Test clarity of RFCs on stds track
  - Document where changes might be needed
  - List items for possible implementation guidelines
- Find out what is implemented
  - RFCs base/mandatory
  - Capabilities
  - YANG modules
- Debugging

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Participants

- 5 NetConf Servers
  - YumaWorks netconfd
  - YumaWorks netconfd-pro
  - CESNET libnetconf server
  - Juniper SRX240 server
  - Tail-f ConfD server

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Participants

- 10 NetConf clients
  - YumaWorks 2 clients
  - MG-SOFT NetConf Browser
  - CESNET libnetconf client
  - Juniper client (test suite)
  - Tail-f 3 clients
  - Jacobs University ncclient
  - SegueSoft netconf browser

Good Interoperability

- RFC6421 and RFC6242
  - SSH framing for 1.0 and 1.1
  - Base 1.0 and base 1.1
  - All 1.0 and 1.1 capabilities
- RFCs 5717, 5277, 6243
  - partial lock, notifications,
  - with-defaults
- RFCs 6022 and 6470
  - Monitoring and notifications

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Follow up needed

- RFC 6536 (ACM)
  - Some more testing needed
- RFC 6020 (YANG)
  - YANG modules have normative reference to RFC6020
  - We may need to ask for downref exception if we want to advance
- (Minor) clarifications needed
- Some implementation guidelines may be useful.

Advance RFCs

Seems we can advance base set of Netconf Protocol Documents:

- 6241, 6242, 5717, 5277, 6243
- 6536 ?

We need to add deployment reports for that, participants are working on that.

Does WG want to go for that?

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Thanks and Q&A

Thanks to IETF for providing a room and network connectivity.

Thanks to participants for their efforts and open and constructive testing

Questions?

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