NETCONF-next and RESTCONF-next

IETF 119 NETCONF WG 2024-03-19

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Current Status

• Had two interim meetings
• Formed design teams
  - netconf-next-dt
  - restconf-next-dt
• Still need more volunteers for work
Interim Meetings Report

• Issues on Github
  − NETCONF 34 (Was 31)
  − RESTCONF 15 (Was 13)
• Backwards-compatible extensions
  − Several drafts in progress
• YANG-next
  − 101 Github issues
• Interim Meetings
  − Dec 2023
  − Jan 2024
Identified Categories of work

1) Backwards-compatible extensions
   • No protocol upgrade
   • Already ongoing efforts

2) Minor protocol upgrade
   • NETCONF 1.2 and RESTCONF 1.1

3) Major protocol upgrade
   • Most probably non-backwards-compatible
   • Requiring YANG-next
Next Steps
Plan

- Create repos for new minor protocol updates
  - NETCONF 1.2
  - RESTCONF 1.1
- Work on separate NBC minor protocol updates
- Design team can also start work on new major protocol versions
Volunteers Needed

- Facilitators
- Editors
- Authors and co-authors
Effort going forward

- Mailing lists
- Recurring design team meetings
- Interims
Mailing lists, Sign up!

netconf-next-dt
https://www.ietf.org/mailman/listinfo/netconf-next-dt

restconf-next-dt
https://www.ietf.org/mailman/listinfo/restconf-next-dt
Thank you!
Questions?