

Subscription Drafts

IETF #103 - NETCONF WG

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With Thanks to...

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NETCONF WG Subscription Drafts

Draft	
Custom Subscription to Event Streams	draft-ietf-netconf-subscribed-notifications
YANG Datastore Subscription	draft-ietf-netconf-yang-push
NETCONF Support for Event Notifications	draft-ietf-netconf-netconf-event-notifications
RESTCONF & HTTP Transport for Event Notifications	draft-ietf-netconf-restconf-notif
Notification Message Headers and Bundles	draft-ietf-netconf-notification-messages
UDP based Publication Channel for Streaming Telemetry	draft-ietf-netconf-udp-pub-channel
Subscription to Multiple Stream Originators	draft-zhou-netconf-multi-stream-originators
YANG PUSH Based Generalized Network Control Automation Problem Stmt.	draft-bryskin-netconf-automation-framework
Coap Transfer	draft-birkholz-yang-push-coap-problem-statement
Smart filters for Push Updates - Problem Statement	draft-clemm-netconf-push-smart-filters-ps
YangPush Notification Capabilities	draft-lengyel-netconf-notification-capabilities
Concise YANG Telemetry	draft-birkholz-yang-core-telemetry

WGLC

Pending

This session

WGLC complete

- v15 to v18: based on WGLC comments
 - Title change
 - Appendix case “foo” transport added
 - Subscription identifier renamed to id
 - Modify & delete subscription must come from originator of the subscription
 - Text + YANG object tweaks (e.g., Transport YANG optional)
- Upcoming v19 changes
 - XPath filter YANG object definition (per thread in NETMOD)
 - Text tweak on for modify & delete subscription coming from subscriber
- Thank you for all the comments received

draft-ietf-netconf-yang-push

WGLC complete

- v16 to v20: based on review comments
 - Thank you for all the comments received
 - Minor updates to text (YANG object → datastore nodes, some clarifications, etc)
 - Minor updates to YANG module (e.g. no-synch-on-start → sync-on-start + empty → boolean; identifier → id)
- Upcoming V21 to fix editing errors (per Martin's email)

WGLC complete

- v11 - v14:
 - Title change
 - Subscription identifier renamed to id
 - Tweaked Appendix A.2 & A.3 examples
 - Added Appendix A.4 for subtree and XPath filter examples
- Upcoming v15 changes:
 - Spelling fix

draft-ietf-netconf-restconf-notif

Updated with WGLC so far...

- v06 to v09
 - Removed configured subscriptions
 - Aligned with RESTCONF SSE, e.g. GET on URI to subscribe
 - Removed http1.1, http2 specifics, renamed http -> restconf
 - Added filter examples (Appendix A.3) and fixed example with stream-xpath-filter (per thread in NETMOD)
 - Fixed Appendix A.1 examples, e.g. identifier renamed to id
 - Title aligned with netconf-notif
- Upcoming v10 changes
 - Add username restriction for modify and delete subscription
 - Spelling fix

What's next

- Send to IESG (are we finished as a WG?)
 - Custom Subscription to Event Streams
 - YANG Datastore Subscription
 - NETCONF Support for Event Notifications
 - RESTCONF Support for Event notifications
- Take up other drafts once these are concluded

Thank you!