

YANG module for notifications

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Agenda

- Issues
- Scope of YANG module for notifications
- Notification modules from netconfcentral.org
- Next steps

Issues

- Content divided into 2 namespaces
 - urn:ietf:params:xml:ns:netmod:notification
 - urn:ietf:params:xml:ns:netconf:notification:1.0
- Top-level /netconf NP container is config=false
 - Not used for shared data organization
- Chatty events can over-run the replay buffer
 - No way to let operator control what goes into replay buffer; filtering is on retrieval, not capture

Scope of YANG Modules

- urn:ietf:params:xml:ns:netmod:notification
 - <netconf> container
 - contains monitoring information for the notification streams supported by the server
 - replayComplete event
 - notificationComplete event
- urn:ietf:params:xml:ns:netconf:notification:1.0
 - create-subscription operation

netconfcentral.org Modules

- urn:ietf:params:xml:ns:netmod:notification
 - nc-notifications.yang
 - <http://www.netconfcentral.org/modulereport/nc-notifications>
- urn:ietf:params:xml:ns:netconf:notification:1.0
 - notifications.yang
 - <http://www.netconfcentral.org/modulereport/notifications>

Next Steps

- 1) decide on scope of work
 - just yangify or 5277bis?
 - action item: write charter text
- 2) publish cleaned up versions of Netconf Central modules in an Internet Draft
 - notifications → ietf-notifications-operations
 - nc-notifications → ietf-notifications
 - could be Informational; if stds track then really need to do 5277bis