netconf-next
restconf-next

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netconf-next and restconf-next

• Does the WG want to see the protocols revised?
• If so, both NETCONF and RESTCONF?
• If so, what issues should it address?
netconf-next issues

https://github.com/netconf-wg/nestconf-next/issues

• Clarify the meaning of "default-operation replace" in edit-config
• Commit RPC reply should accept vendor specific information
• confirmed commit procedure needs clarification if persist parameter is used
• Support for binary encoding in NETCONF
• copy-config on factory default datastore
• With-defaults capability in NETCONF
• Use of QUIC as a transport
• Cleanup of the specification relative to YANG/XML
• Cleanup hello message/capability
• JSON encoding support in NETCONF
restconf-next issues

https://github.com/netconf-wg/nestconf-next/issues

- replace `rc:yang-data` with `sx.structure`
- Enable PUT to *move* a `list` entry without needing to supply the entry’s contents
- Remove encoding the "list" for list-items in JSON encodings
- Let list/leaf-list be "data resources"
- Restructure RESTCONF error messages?
- Correct Error-tag value in the response mode for data resource existing case
- Enhancements to work with lists/leaf-lists in RESTCONF
- Use of HTTP/3 (QUIC based) or HTTP/2 as a transport
- Deprecating (or obsoleting) the combined datastore data resource
common issues

https://github.com/netconf-wg/common/issues

- Pulling out common parts of NETCONF/RESTCONF
- Standard Template mechanism
- Private candidate datastore