

draft-bierman-netconf-module-00.txt

Issues:

- How should protocol extensions which add parameters to existing operations be done?
- Is there any value in a common YANG representation of:
 - NETCONF data types
 - NETCONF error data structures
 - RPC methods
- Immediate use case: with-defaults
New 'with-defaults' leaf augmenting the input sections of the <get>, <get-config> and <copy-config> operations

Problems with netconf.yang:

- YANG does not support attributes, so the 'select' and 'type' attributes in the <filter> parameter cannot be represented
- A single normative syntax is desired by the WG, and YANG is not suitable for that
- A lot of 4741 text is cut-and-pasted from normative sections into the RPC methods. (One purpose of netconf.yang is to show that this type of documentation is easier to understand and implement correctly.)

Options for netconf.yang:

- Do nothing; ignore YANG-based extensions to the protocol
- Publish as Informational RFC
- Include as non-normative appendix to 4741-bis