

NETMOD

Agenda and WG Status

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NETMOD WG Overview

- Current charter summary:
 - The NETMOD working group has defined the data modeling language YANG but no IETF models exist yet. The purpose of the NETMOD working group is to support the ongoing deployment of YANG by developing a set of core YANG data models and other activities that will allow network operators to use YANG for configuration and management of network elements.
- Published RFCs:
 - RFC 6020: YANG - A Data Modeling Language for the Network Configuration Protocol (NETCONF)
 - RFC 6021: Common YANG Data Types
 - RFC 6110: Mapping YANG to DSDL for Validating NETCONF Content
 - RFC 6087: Guidelines for Authors and Reviewers of YANG Data Model Documents
 - RFC 6244: An Architecture for Network Management Using NETCONF and YANG
 - RFC 6643: Translation of SMIv2 MIB Modules to YANG Modules

NETMOD WG Document Status

- Chartered work items:
 - [draft-ietf-netmod-interfaces-cfg-07.txt](#) (1st WG last call July)
 - [draft-ietf-netmod-ip-cfg-06.txt](#) (1st WG last call July)
 - [draft-ietf-netmod-iana-if-type-04.txt](#) (1st WG last call July)
 - [draft-ietf-netmod-routing-cfg-05.txt](#) (1st WG last call July)
 - [draft-ietf-netmod-system-mgmt-03.txt](#) (document available)
 - [draft-ietf-netmod-iana-timezones-00.txt](#) (document available)
 - [draft-ietf-netmod-snmp-cfg-00.txt](#) (document available)
- Unchartered individual submissions:
 - [draft-bjorklund-netmod-operational-00.txt](#)
 - [draft-huang-netmod-acl-01.txt](#)
 - [draft-lhotka-netmod-yang-json-00.txt](#)
 - [draft-schoenw-netmod-rfc6021-bis-00.txt](#)

Current WG Milestones

- Mar 2012 - Submit SMIv2 to YANG translation to the IESG (done)
- Apr 2012 - Submit first WG draft of SNMP configuration data model (done)
- Apr 2012 - Submit Interface configuration data model to the IESG
- Aug 2012 - Submit System configuration data model to the IESG
- Aug 2012 - Submit Routing configuration data model to the IESG
- Sep 2012 - Submit SNMP configuration data model to the IESG

Agenda

1. Administrivia and WG Status [5 min]
2. Core interface data model (Martin) [10 min]
3. Core routing data model (Ladislav) [10 min]
4. Core system data model (Andy) [15 min]
5. SNMP configuration data model (Martin) [10 min]
6. Access Control List (ACL) data model (Alex, Andy, Lisa) [10 min]
7. Modeling JSON Text with YANG (Ladislav) [5 min]
8. Operational state (Martin, Ladislav, Andy, ...) [20 min]
9. Open mike [5 min]