

Netconf for UMT

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Network Configuration Protocol (NETCONF)

- The Network Configuration Protocol (NETCONF) provides mechanisms to install, manipulate, and delete the configuration of network devices.
- Extensible Markup Language (XML)-based data encoding for the configuration data as well as the protocol messages.

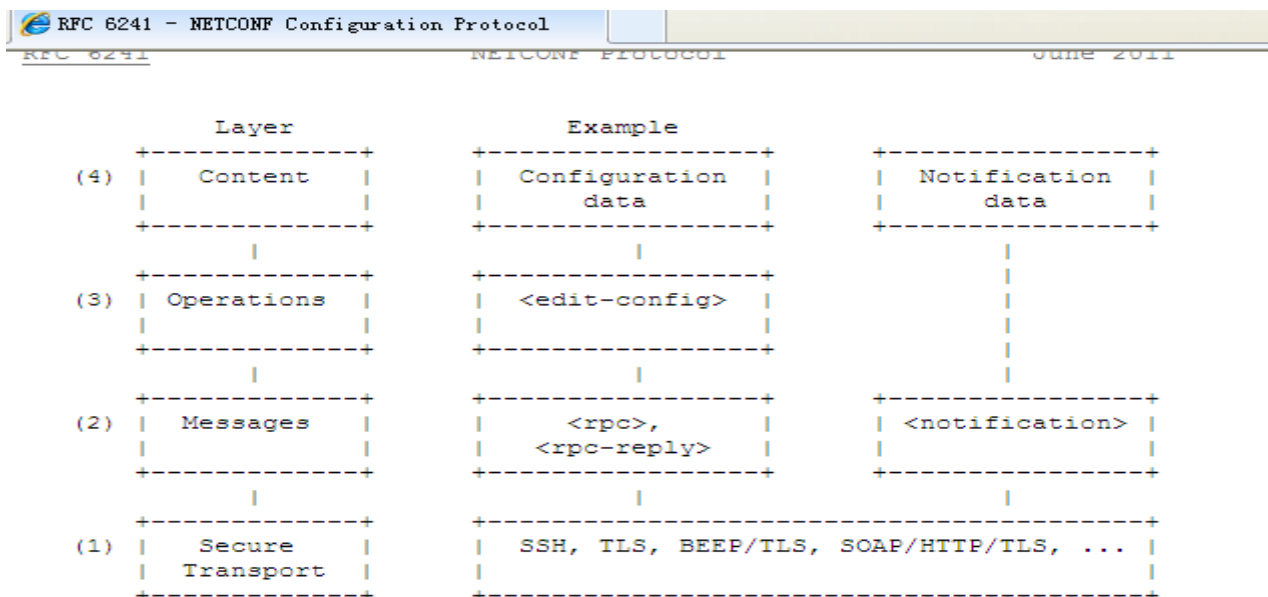
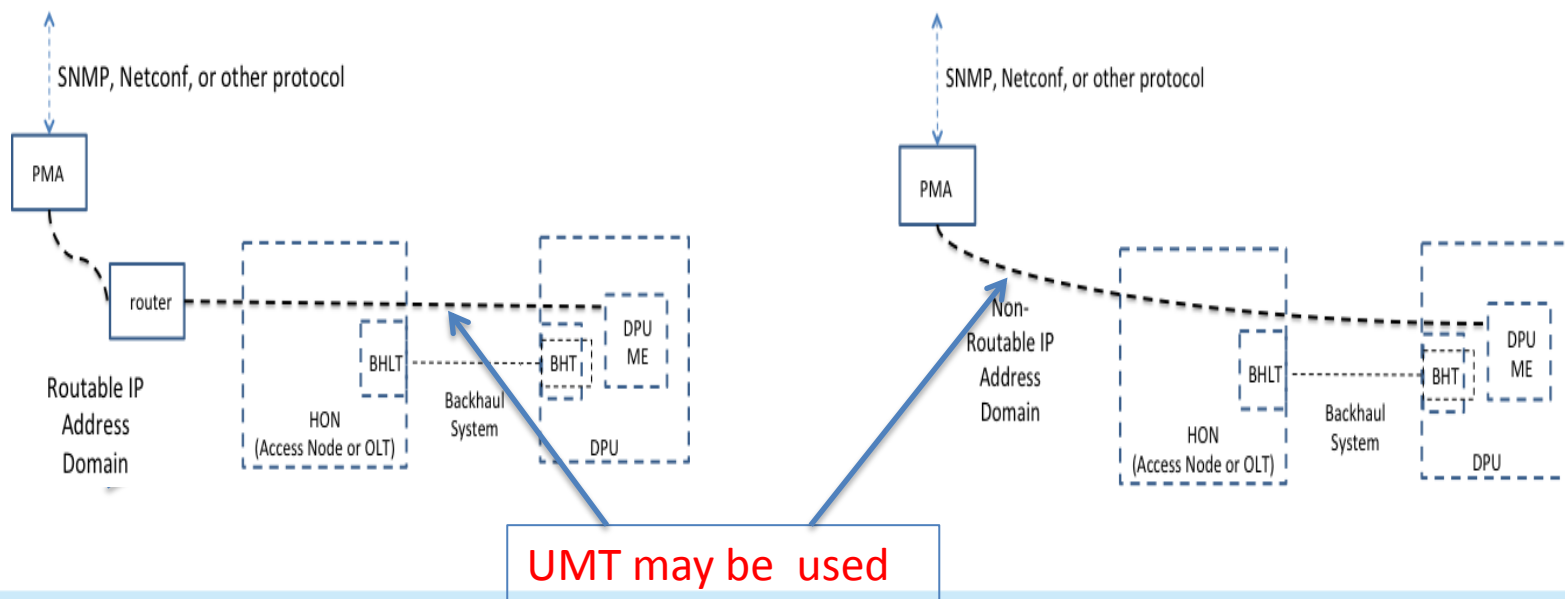


Figure 1: NETCONF Protocol Layers

- (1) The Secure Transport layer provides a communication path between the client and server. NETCONF can be layered over any transport protocol that provides a set of basic requirements.

SNMP maybe upgrade to Netconf for some new deployment

- FTTdP project in BBF used Netconf for DPU management
- MEF also consider Netconf as management protocol
- So, for CPE management, it also possible to use Netconf



Proposal

- Suggest to add Netconf as payload of UMT.


Bringing you Closer

Thanks!