

# IETF YANG Model Standardization Overview

An overview of Layered YANG Modules

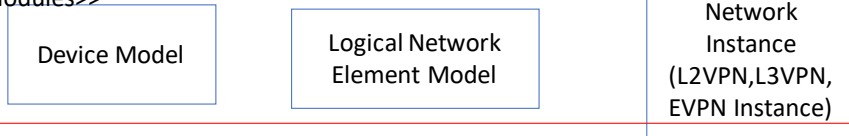


Network Service Modules

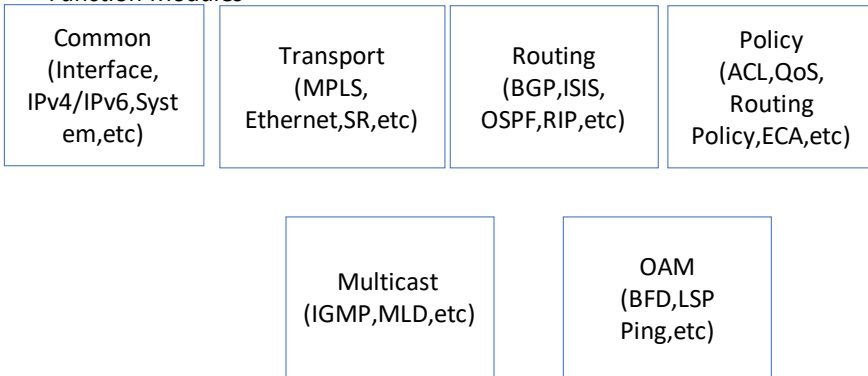


Network Resource Modules

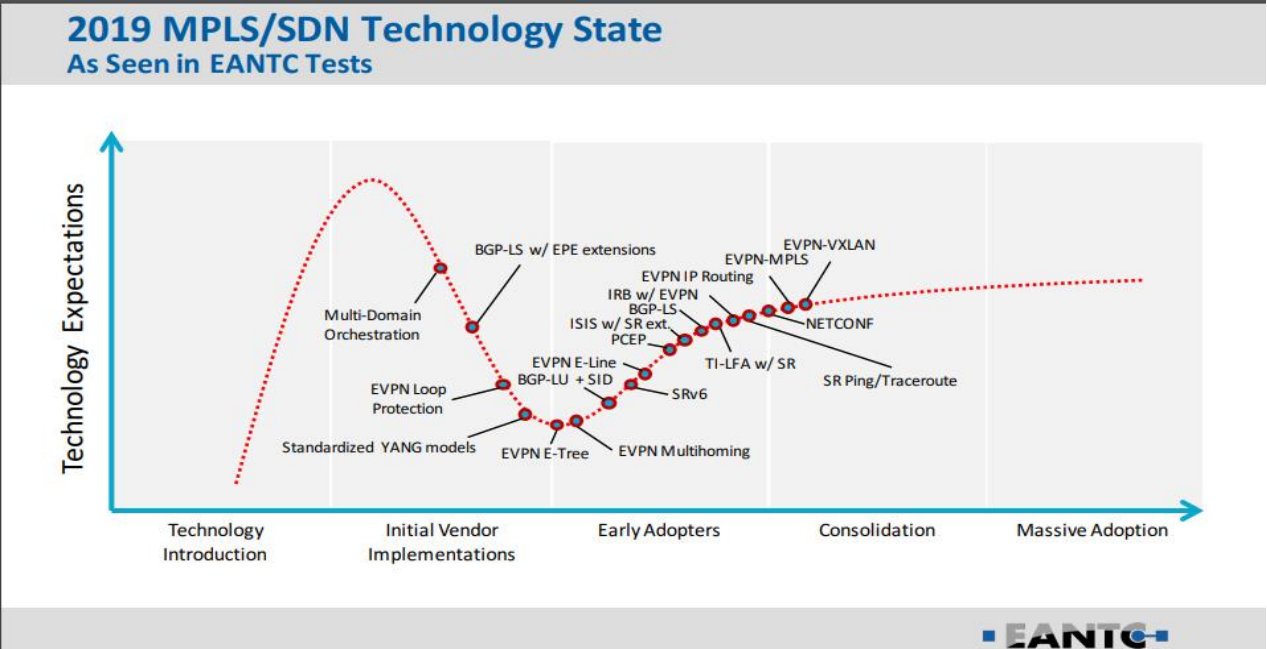
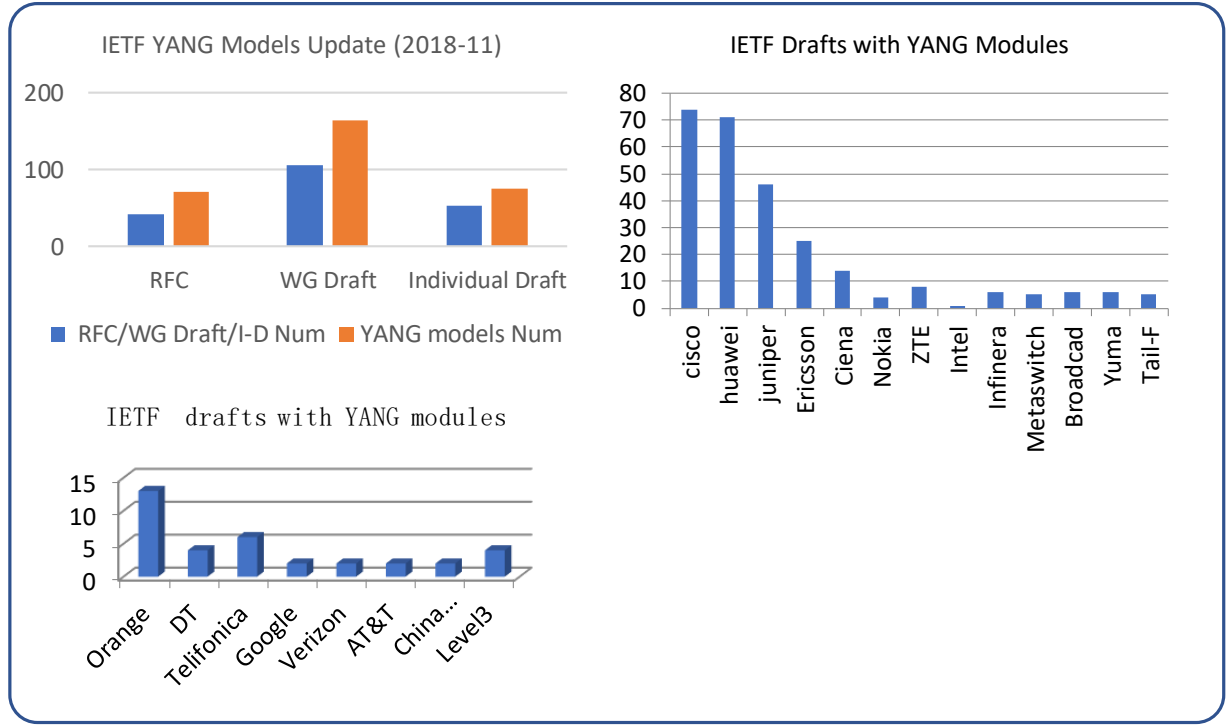
<<Composition Modules>>



<<Function Modules>>



Network Element Modules



# IETF YANG vs Industry needs

- The number of IETF developed model is huge, there are many YANG models still being developed;
- IETF service models have sufficient input from operator but IETF lower level models not, there might have a gap between operator's requirements and current developed model
- Many operators are not engaged enough in the IETF to create that perfect world.
- The operators expected to deploy these technologies often don't even know that the standards are being developed.
- Other Operator who know that the standards are being developed don't know may not know
  - how these models work together to configure a device, manage a set of devices involved in a service
  - and which models are fitted into their use case and meet their requirements.
- This lead to critical new technologies currently being developed without sufficient direct operator input.

# What is the next step for IETF YANG?

- **OPSAWG meeting on YANG model interconnection Framework**

**Wednesday, 10:00~12:00**

**Room: Duluth**

Topic: Framework for Automating Service and Network Management with YANG

- **IETF YANG Model Standardization and Industrialization RoundTable Meeting**
- **April 17, 2019 Beijing, Hosted by China SDN Alliance (Already happened)**

<http://www.sdnfv.org.cn/article/content/view?id=253794>

- **YANG Side meeting**

**Tuesday 8:30~9:45**

**Room: Notre Dame**

Topic: Next Stage of IETF YANG

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