

Flexi-Grid YANG Models Update

CCAMP Working Group
IETF 110

A YANG Data Model for Flexi-Grid Optical Networks

Versions: ([draft-vergara-ccamp-flexigrid-yang](#))
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CCAMP Working Group
Internet-Draft
Intended status: Informational
Expires: August 26, 2021

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February 22, 2021

A YANG Data Model for Flexi-Grid Optical Networks
draft-ietf-ccamp-flexigrid-yang-09

Abstract

This document defines a YANG module for managing flexi-grid optical networks. The model defined in this document specifies a flexi-grid traffic engineering database that is used to describe the topology of a flexi-grid network. It is based on and augments existing YANG models that describe network and traffic engineering topologies.

The YANG data model defined in this document conforms to the Network Management Datastore Architecture (NMDA).

<https://github.com/ietf-ccamp-wg/draft-ietf-ccamp-flexigrid-yang>

A YANG Data Model for Flexi-Grid Media Channels

Versions: ([draft-vergara-ccamp-flexigrid-media-channel-yang](#))

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A YANG Data Model for Flexi-Grid Media Channels
draft-ietf-ccamp-flexigrid-media-channel-yang-03

Abstract

This document defines a YANG model for managing flexi-grid optical media channels, complementing the information provided by the flexi-grid topology model.

The YANG data model defined in this document conforms to the Network Management Datastore Architecture (NMDA).

<https://github.com/ietf-ccamp-wg/draft-ietf-ccamp-flexigrid-media-channel-yang>

A YANG Data Model for Flexi-Grid Optical Topologies

- Used to describe the flexi-grid optical topology
 - [draft-ietf-ccamp-flexigrid-yang](#)
 - Recently submitted draft-ietf-ccamp-flexigrid-yang-09
 - Updates include:
 - Using the “tet-flexig” prefix for consistency with other CCAMP I-Ds
 - Global types changes according to the module prefix change
 - Update Topology example and moved media-channel usage to media-channel I-D
 - Updated Security section
 - Correct usage of normative and informative references
 - Addressed editorial comments from most recent reviews for readability
 - Adrian Farrel
 - Haomian Zheng
 - <https://github.com/ietf-ccamp-wg/draft-ietf-ccamp-flexigrid-yang/issues>
- The authors feel the document is now ready for WG Last Call

A YANG Data Model for Flexi-Grid Media Channels

- Used to describe the flexi-grid optical media channel
 - [draft-ietf-ccamp-flexigrid-media-channel-yang](#)
 - Recently submitted draft-ietf-ccamp-flexigrid-media-channel-yang-03
 - Updates include:
 - Clarification of topology example
 - Aligned with other CCAMP YANG models
 - Updated YANG Tree and Code
 - Fixed errors found when validating media-channel YANG code
 - General readability and checking references
 - More of a restart than a refresh
 - Previous version posted March 24, 2019
 - Lots of open issues
 - See next page, or
 - <https://github.com/ietf-ccamp-wg/draft-ietf-ccamp-flexigrid-media-channel-yang/issues>

A YANG Data Model for Flexi-Grid Media Channels

- Need reviews of YANG tree
- Several open GitHub issues, including:
 - #9 Need a use case example for the document
 - #15 Review I0-tunnel-attributes grouping
 - #16 Review I0-path-constraints grouping
 - #20 Check on early vendor implementations
- Weekly call planned after IETF 110
 - Thursdays @ 14:00 CET
 - <https://zoom.us/j/95268768246?pwd=MFcrTm5QNEVvZDFpUksramRNSEw5dz09>
- GitHub Housekeeping
 - We did request flexi-grid media channel repository access for two authors:
 - Daniel <https://github.com/dperdices>
 - Jorge <https://github.com/jorgelopezdevergara>