
Stream: Internet Engineering Task Force (IETF)
RFC: [0000](#)
Category: Standards Track
Published: April 2020
ISSN: 2070-1721
Authors:
T. Saad *Juniper Networks* R. Gandhi *Cisco Systems, Inc.* X. Liu *Volta Networks* V. Beeram *Juniper Networks* I. Bryskin *Individual*

RFC 0000

Traffic Engineering Common YANG Types

Abstract

This document defines a collection of common data types and groupings in YANG data modeling language. These derived common types and groupings are intended to be imported by modules that model Traffic Engineering (TE) configuration and state capabilities.

Status of This Memo

This is an Internet Standards Track document.

This document is a product of the Internet Engineering Task Force (IETF). It represents the consensus of the IETF community. It has received public review and has been approved for publication by the Internet Engineering Steering Group (IESG). Further information on Internet Standards is available in Section 2 of RFC 7841.

Information about the current status of this document, any errata, and how to provide feedback on it may be obtained at <https://www.rfc-editor.org/info/rfc0000>.

Copyright Notice

Copyright (c) 2020 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to BCP 78 and the IETF Trust's Legal Provisions Relating to IETF Documents (<https://trustee.ietf.org/license-info>) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Simplified BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

Table of Contents

[1. Introduction](#)

[Authors' Addresses](#)

1. Introduction

YANG configuration data, state data, Remote Procedure Calls, and notifications for network management protocols such as the Network Configuration Protocol (NETCONF). The YANG language supports a small set of built-in data types and provides mechanisms to derive other types from the built-in types.

This document introduces a collection of common data types derived from the built-in YANG data types. The derived types and groupings are designed to be the common types applicable for modeling Traffic Engineering (TE) features in model(s) defined outside of this document.

Authors' Addresses

Tarek Saad

Juniper Networks

Email: tsaad@juniper.net

Rakesh Gandhi

Cisco Systems, Inc.

Email: rgandhi@cisco.com

Xufeng Liu

Volta Networks

Email: xufeng.liu.ietf@gmail.com

Vishnu Pavan Beeram

Juniper Networks

Email: vbeeram@juniper.net

Igor Bryskin

Individual

Email: i_bryskin@yahoo.com