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Redfish Ethernet Switch Proposal Readme

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Foreword

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The DMTF released the "YANG-to-Redfish Mapping Specification" as work-in-progress in October 2016. The document specifies how to convert a YANG model to a Redfish model.

This proposal was produced by mapping of the following OpenConfig YANG modules.

- openconfig-acl
- openconfig-interfaces
- openconfig-lacp
- openconfig-lldp
- openconfig-local-routing
- openconfig-network-instance
- openconfig-qos
- openconfig-vlan

When Redfish CSDL is generated from YANG modules, there are some salient differences:

- The Redfish metafile name are not in Pascal case. The capitalizations from the YANG module statements are used.
- The Redfish metafile includes multiple entities.

Redfish Work-in-Progress Schemas

The following new schema files are released as Work In Progress documents.

Schema File	Version	Date	Description
RedfishYangExtensions	1.0.0c	2020-10-09	Initial release. Definitions specific to the schema generated from YANG models.

1. Primary YANG modules

Schema File	Version	Date	Description
openconfig_acl	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-acl.yang.
openconfig_interfaces	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-interfaces.yang.
openconfig_lacp	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-lacp.yang.
openconfig_lld	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-lldp.yang.
openconfig_local_routing	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-local-routing.yang.
openconfig_network_instance	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-network-instance.yang.
openconfig_qos	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-qos.yang.
openconfig_vlan	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-vlan.yang.

2. Referenced YANG modules

Schema File	Version	Date	Description
ietf_inet_types	1.0.0c	2020-09-25	Initial release. Mapped from ietf-inet-types.yang.
ietf_yang_types	1.0.0c	2020-09-25	Initial release. Mapped from ietf-yang-types.yang.
minimal	1.0.0c	2020-09-25	Initial release.
minimal_base	1.0.0c	2020-09-25	Initial release.

Schema File	Version	Date	Description
openconfig_extensions	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-extensions.yang.
openconfig_inet_types	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-inet-types.yang.
openconfig_network_instance_types	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-network-instance-types.yang.
openconfig_policy_types	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-policy-types.yang.
openconfig_types	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-types.yang.
openconfig_vlan	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-vlan.yang.
openconfig_vlan_types	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-vlan-types.yang.
openconfig_yang_types	1.0.0c	2020-09-25	Initial release. Mapped from openconfig-yang-types.yang.