YANG model classification draft
draft-ietf-netmod-yang-model-classification-01

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Posted late

- Missed the window
- Posted this morning
Quick overview

- Two dimensions
  - Layers
  - Model types
- Dimension 1
  - Network element
  - Network service
- Dimension 2
  - Standard
  - Vendor-specific
  - Vendor-specific Extensions
Changes from -00

- Adding models to catalog
  - Supporting draft-openconfig-netmod-model-catalog-00
  - Ask to the draft authors to add leafs for model classification to their openconfig-module-catalog.yang in container classification

```yang
leaf model-layer{
  type enum {
    device
    service
  }
  description "...";
}
leaf model-type {
  type enum {
    standard
    vendor-specific
    vendor-specific-extension
  }
  description "...";
```
Changes from -00 cont’d

- Could we use in openconfig-module-catalog.yang leafs category and subcategory for this purpose based on the description of it

```
identity module-category-base {
  description

    "Base identity for the module category. It is expected that publishing organizations will define additional derived identities to describe their categorization scheme."
}

identity module-subcategory-base {
  description

    "Base identity for the module subcategory. It is expected that publishing organizations will define additional derived identities to describe their categorization scheme."
}
```
L2VPN service catalog entry example

```xml
<?xml version='1.0' encoding='UTF-8'?>
<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
<organizations xmlns="http://openconfig.net/yang/module-catalog">
<organization>
  <name>NewCo</name>
  <type>commercial</type>
  <modules>
    <module>
      <name>NewCo_L2VPN</name>
      <namespace>http://newco.com/yang/catalog/services/newco_l2vpn</namespace>
      <prefix>newco_l2vpn</prefix>
      <summary>A catalog entry example</summary>
      <module-version>1.0</module-version>
      <classification>
        <status>experimental</status>
        <model-layer>service</model-layer>
        <model-type>vendor-specific</model-type>
      </classification>
    </module>
  </modules>
</organization>
</organizations>
</data>
```
Changes cont’d

- Added text about benefits of classification
Questions

- Please read the draft and comment