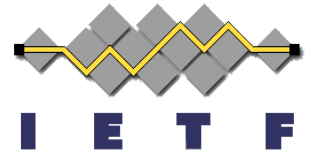


YANG model classification draft

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

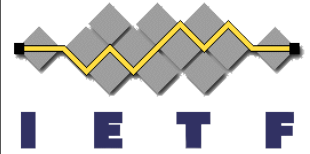
Authors:

D. Bogdanovic, B. Claise, C. Moberg



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

```
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
```

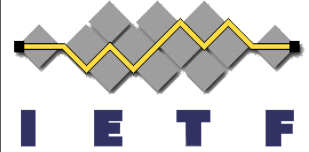
"Base identity for the module category. It is expected that publishing organizations will define additional derived identities to describe their categorization scheme.";

```
}  
identity module-subcategory-base {  
  description
```

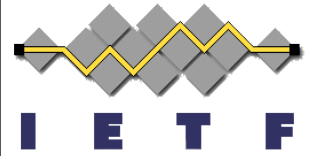
"Base identity for the module subcategory. It is expected that publishing organizations will define additional derived identities to describe their categorization scheme.";

```
}
```

L2VPN service catalog entry example



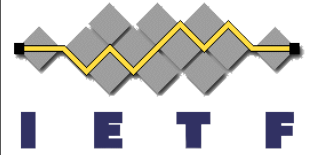
```
<?xml version='1.0' encoding='UTF-8'?>
<data xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
<organizations xmlns="http://openconfig.net/yang/module-catalog">
<organization>
  <name>NewCo</name>
  <type>commercial</type>
  <modules>
    <module>
      <name>NewCo_L2VPN</name>
      <namespace>http://newco.com/yang/catalog/services/newco_l2vpn</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