

Interface and IP configuration

draft-ietf-netmod-interfaces-cfg-12

draft-ietf-netmod-iana-if-type-07

draft-ietf-netmod-ip-cfg-11

IETF 88

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Current Status

Went through WGLC and IETF LC. Sent back to the WG; separated configuration from operational state.

Next WGLC drew the attention to the interface type. Feedback from an implementor suggested that the current design with the IANA maintained enumeration might not work for configuration purposes.

Proposal: use a YANG identity as interface type

Current leaf:

```
leaf type {  
    type ianaift:iana-if-type;  
    ...  
}
```

Proposal:

```
identity interface-type;  
  
leaf type {  
    type identityref {  
        base interface-type;  
    }  
    ...  
}
```

IANA ifType definitions registry

Switch to identities in this YANG module:

```
identity ethernetCsmacd {  
  base iana-interface-type;  
  description  
    "For all ethernet-like interfaces, regardless of speed,  
    as per RFC3635.";  
  reference  
    "RFC 3635 - Definitions of Managed Objects for the  
    Ethernet-like Interface Types.";  
}
```