Syslog Model
draft-wildes-netmod-syslog-model-01

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Motivation

- Create a common base syslog model that works for Brocade and Cisco, but Juniper's JunOS also taken into account.

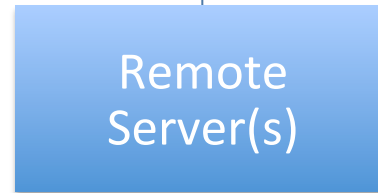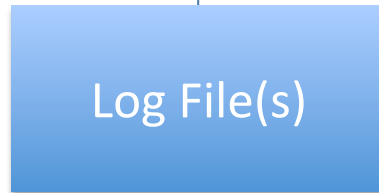- Create a model that can be extended: vendor specific features can be added through augmentation.

Design
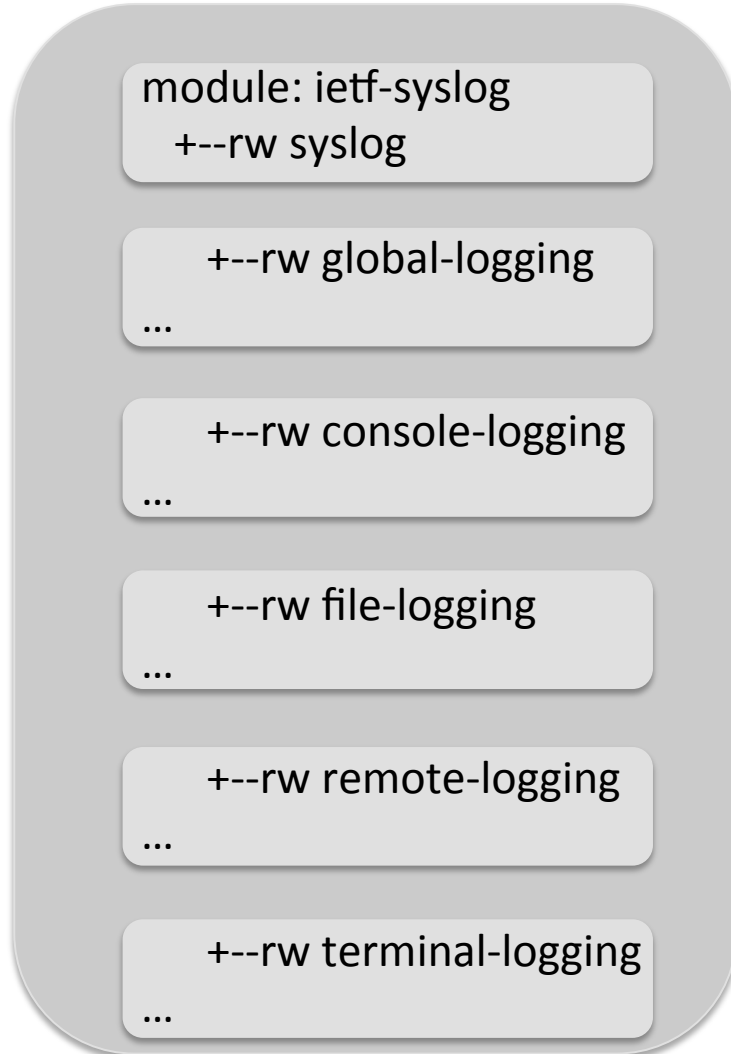
Message Producers

Group level
suppression

Message Distribution

Console

Log File(s)

Remote
Server(s)

User
Terminal(s)

Design cont'd

- ietf-syslog
  - base model
    - syslog container
    - five leaves covering a global syslog global filter and four distribution points
    - seven features for leaves that are not supported in all OSs'
      - global syslog filter
      - console facility – specification of facility for console
      - file logging
      - file logging facility – specification of facility for file logging
      - terminal facility – specification of facility for terminal logging
      - terminal facility for users specification of facility for users
      - vrf – specification of VRF

Design cont'd

```
module: ietf-syslog
  +--rw syslog

    +--rw global-logging
...

    +--rw console-logging
...

    +--rw file-logging
...

    +--rw remote-logging
...

    +--rw terminal-logging
...
```

Global logging leaf

Console logging leaf

File logging leaf

Remote server logging leaf

Terminal-user logging leaf

Status and Next steps

- Get some more reviews.
- Received good feedback from the YANG doctors during the Sunday session.
- For us, the model is ready.
  - We have a running proof of concept that this model works.
- Accept as a working group?