

QoS YANG Model

<http://www.ietf.org/id/draft-ietf-rtgwg-qos-model-09>

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Status

- Added iana-qos-types module
- Added action statement to clear QoS counters
- Added Security Consideration Section
- Enhanced configuration examples in Appendix B
- Inline filters as presence container
- Addressed numerous YANG doctor comments
- Revised version:

<https://tools.ietf.org/html/draft-ietf-rtgwg-qos-model-09>

Classifier Configuration Example

```
<classifiers>
  <classifier>
    <name>my-classifier</name>
    <filter-operation>match-all</filter-operation>
    <filter>
      <type>dscp</type> <logical-not> true </logical-not>
      <dscp> <min>11</min> <max>13</max> </dscp>
    </filter>
    <filter>
      <type>source-port</type> <logical-not> false </logical-not>
      <source-port > <min>10000</min> <max>10300</max> </source-port>
      <source-port> <min>17500</min> <max>19800</max> </source-port>
    </filter>
  </classifier>
</classifiers>
```

Policy Configuration Example

```
<policies>
  <policy>
    <name>my-policy</name>
    <type>diffserv-policy-type</type>
    <classifier>
      <name>my-classifier</name>
      <inline>
        <filter>
          <type>dscp</type> <logical-not> false </logical-not>
          <dscp> <min>21</min> <max>22</max> </dscp>
        </filter>
      </inline>
      <action>
        <type>dscp-marking</type>
        <dscp> <dscp>23</dscp> </dscp>
      </action>
    </classifier>
  </policy>
</policies>
```

Next Steps

- Address remaining YANG Doctors comments received in the WG