BMP YANG Module
draft-ietf-grow-bmp-yang-01

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Draft repository

https://github.com/network-analytics/draft-ietf-grow-bmp-yang
Changes with respect to 00

• For the model:
  • Editorial changes
  • Removed the –idty to identity names
  • Reorganized some containers
  • Added a global network instance identifier
  • Removed peers and address-families references

• For the draft:
  • Editorial changes
  • Updated examples
Example – active connection to a station

<monitoring-station>
  <id>1</id>
  <connection>
    <active>
      <station-address>192.0.2.1</station-address>
      <station-port>57992</station-port>
      <local-address>192.0.2.2</local-address>
    </active>
  </connection>
  ...
</monitoring-station>
Example – passive connection from a station

<monitoring-station>
  <id>2</id>
  <connection>
    <passive>
      <network-instance>monitoring</network-instance>
      <station-address>192.0.2.3</station-address>
      <local-address>192.0.2.2</local-address>
      <local-port>57993</local-port>
    </passive>
  </connection>
  ...
</monitoring-station>
**Example – basic configuration for route monitoring**

```xml
<bmp-route-monitoring>
  <network-instances>
    <network-instance>
      <network-instance-id>bmp-ni-types-all-ni</network-instance-id>
      <adj-rib-in-pre>
        <address-families>
          <address-family>
            <address-family-id xmlns:bt="urn:ietf:params:xml:ns:yang:ietf-bgp-types">bt:ipv4-unicast</address-family-id>
            <peers>
              <peer>
                <peer-id>bmp-peer-types-all-peers</peer-id>
              </peer>
            </peers>
          </address-family>
        </address-families>
      </adj-rib-in-pre>
    </network-instance>
  </network-instances>
</bmp-route-monitoring>
```
Example – different configuration for Network instances

```xml
<bmp-route-monitoring>
  <network-instances>
    <network-instance>
      <network-instance-id>bmp-ni-types-all-ni</network-instance-id>
      ... Default configuration for all network instances ...
    </network-instance>

    <network-instance>
      <network-instance-id>bmp-ni-types-global-ni</network-instance-id>
      ... Configuration for the Global Network Instance ...
    </network-instance>

    <network-instance>
      <network-instance-id>monitoring</network-instance-id>
      <enabled>false</enabled>
    </network-instance>
  </network-instances>
</bmp-route-monitoring>
```
Questions & comments