

# BMP YANG Module

## draft-ietf-grow-bmp-yang-01

Camilo Cardona, NTT

Paolo Lucente, NTT

Thomas Graf, Swisscom

Benoit Claise, Huawei

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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

```
<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-family>
```

```
        </address-family>
```

```
      </address-families>
```

```
    </adj-rib-in-pre>
```

```
  </network-instance>
```

```
</network-instances>
```

```
</bmp-route-monitoring>
```

# Example – different configuration for Network instances

```
<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