



## XML Support for ABM and LM in N3500

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### XML Support for ABM and LM in N3500

The following commands show XML Output for ABM and LM:

#### **show hardware profile buffer monitor sampling**

**CLI :**

```
MTC-8(config)# show hardware profile buffer monitor sampling
```

```
Sampling CLI issued at: 05/25/2016 04:18:56
```

```
Sampling interval: 200
```

**XML :**

```
MTC-8(config)# show hardware profile buffer monitor sampling | xml
```

```
<?xml version="1.0" encoding="ISO-8859-1"?>
```

```
<nf:rpc-reply xmlns:nf="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns="http://www.cisco.com/nxos:1.0:mtc_usd_cli">
```

```
<nf:data>
```

```
<show>
```

```
<hardware>
```

```
<profile>
```

```
<buffer>
```

```
<monitor>
```

```
<__XML__BLK_Cmd_show_hardware_profile_buffer_monitor_summary>
```

```
<__XML__OPT_Cmd_show_hardware_profile_buffer_monitor__readonly__>
```

```
<__readonly__>
```

```
<cmd_name>Sampling CLI</cmd_name>
```

```

<cmd_issue_time>05/25/2016 04:19:12</cmd_issue_time>

<TABLE_sampling>

  <ROW_sampling>

    <sampling_interval>200</sampling_interval>

  </ROW_sampling>

</TABLE_sampling>

</__readonly__>

</__XML__OPT_Cmd_show_hardware_profile_buffer_monitor__readonly__>

</__XML__BLK_Cmd_show_hardware_profile_buffer_monitor_summary>

</monitor>

</buffer>

</profile>

</hardware>

</show>

</nf:data>

</nf:rpc-reply>

]]>]]>

```

### show hardware profile buffer monitor detail | xml

**XML :**

```

<show>
  <hardware>
    <profile>
      <buffer>
        <monitor>
          <__XML__BLK_Cmd_show_hardware_profile_buffer_monitor_summary>
            <__XML__OPT_Cmd_show_hardware_profile_buffer_monitor__readonly__>
              <__readonly__>
                <cmd_name>Detail CLI</cmd_name>
                <cmd_issue_time>10/02/2001 10:58:58</cmd_issue_time>
                <TABLE_detail_entry>
                  <ROW_detail_entry>
                    <detail_util_name>Ethernet1/1</detail_util_name>
                    <detail_util_state>Active</detail_util_state>
                  </ROW_detail_entry>
                <ROW_detail_entry>
                  <time_stamp>10/02/2001 10:58:58</time_stamp>
                  <__XML__DIGIT384k_util>0</__XML__DIGIT384k_util>
                  <__XML__DIGIT768k_util>0</__XML__DIGIT768k_util>
                  <__XML__DIGIT1152k_util>0</__XML__DIGIT1152k_util>
                  <__XML__DIGIT1536k_util>0</__XML__DIGIT1536k_util>
                  <__XML__DIGIT1920k_util>0</__XML__DIGIT1920k_util>
                  <__XML__DIGIT2304k_util>0</__XML__DIGIT2304k_util>
                  <__XML__DIGIT2688k_util>0</__XML__DIGIT2688k_util>
                  <__XML__DIGIT3072k_util>0</__XML__DIGIT3072k_util>
                  <__XML__DIGIT3456k_util>0</__XML__DIGIT3456k_util>
                </ROW_detail_entry>
              </__readonly__>
            </__XML__OPT_Cmd_show_hardware_profile_buffer_monitor__readonly__>
          </__XML__BLK_Cmd_show_hardware_profile_buffer_monitor_summary>
        </monitor>
      </buffer>
    </profile>
  </hardware>
</show>

```



```

</ROW_detail_entry>
<ROW_detail_entry>
  <time_stamp>10/02/2001 10:58:54</time_stamp>
  <__XML__DIGIT384k_util>0</__XML__DIGIT384k_util>
  <__XML__DIGIT768k_util>0</__XML__DIGIT768k_util>
  <__XML__DIGIT1152k_util>0</__XML__DIGIT1152k_util>
  <__XML__DIGIT1536k_util>0</__XML__DIGIT1536k_util>
  <__XML__DIGIT1920k_util>0</__XML__DIGIT1920k_util>
  <__XML__DIGIT2304k_util>0</__XML__DIGIT2304k_util>
  <__XML__DIGIT2688k_util>0</__XML__DIGIT2688k_util>
  <__XML__DIGIT3072k_util>0</__XML__DIGIT3072k_util>
  <__XML__DIGIT3456k_util>0</__XML__DIGIT3456k_util>
  <__XML__DIGIT3840k_util>0</__XML__DIGIT3840k_util>
  <__XML__DIGIT4224k_util>0</__XML__DIGIT4224k_util>
  <__XML__DIGIT4608k_util>0</__XML__DIGIT4608k_util>
  <__XML__DIGIT4992k_util>0</__XML__DIGIT4992k_util>
  <__XML__DIGIT5376k_util>0</__XML__DIGIT5376k_util>
  <__XML__DIGIT5760k_util>0</__XML__DIGIT5760k_util>
  <__XML__DIGIT6144k_util>0</__XML__DIGIT6144k_util>
</ROW_detail_entry>

```

### show hardware profile buffer monitor brief

**XML :**

```

show hardware profile buffer monitor brief | xml
<?xml version="1.0" encoding="ISO-8859-1"?>
<nf:rpc-reply xmlns:nf="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns="http://www.cisco.com/nxos:1.0:mtc_usd_cli">
  <nf:data>
    <show>
      <hardware>
        <profile>
          <buffer>
            <monitor>
              <__XML__BLK_Cmd_show_hardware_profile_buffer_monitor_summary>
                <__XML__OPT_Cmd_show_hardware_profile_buffer_monitor__readonly__>
                  <__readonly__>
                    <cmd_name>Brief CLI</cmd_name>
                    <cmd_issue_time>03/21/2016 09:06:38</cmd_issue_time>
                    <TABLE_ucst_hdr>
                      <ROW_ucst_hdr>
                        <ucst_hdr_util_name>Buffer Block 1</ucst_hdr_util_name>
                        <ucst_hdr_1sec_util>0KB</ucst_hdr_1sec_util>
                        <ucst_hdr_5sec_util>0KB</ucst_hdr_5sec_util>
                        <ucst_hdr_60sec_util>N/A</ucst_hdr_60sec_util>
                        <ucst_hdr_5min_util>N/A</ucst_hdr_5min_util>
                        <ucst_hdr_1hr_util>N/A</ucst_hdr_1hr_util>
                        <ucst_hdr_total_buffer>Total Shared Buffer Available = 5397 Kbytes
                      </ucst_hdr_total_buffer>
                        <ucst_hdr_class_threshold>Class Threshold Limit = 5130 Kbytes
                      </ucst_hdr_class_threshold>
                    </ROW_ucst_hdr>
                  </TABLE_ucst_hdr>
                  <TABLE_brief_entry>
                    <ROW_brief_entry>
                      <brief_util_name>Ethernet1/45</brief_util_name>
                      <brief_1sec_util>0KB</brief_1sec_util>
                      <brief_5sec_util>0KB</brief_5sec_util>
                      <brief_60sec_util>N/A</brief_60sec_util>
                    </ROW_brief_entry>
                    <ROW_brief_entry>
                      <brief_util_name>Ethernet1/46</brief_util_name>
                      <brief_1sec_util>0KB</brief_1sec_util>
                    </ROW_brief_entry>
                  </TABLE_brief_entry>
                </__readonly__>
              </monitor>
            </buffer>
          </profile>
        </hardware>
      </show>
    </nf:data>
  </nf:rpc-reply>

```



```
<brief_5min_util>N/A</brief_5min_util>
<brief_1hr_util>N/A</brief_1hr_util>
```

### show hardware profile latency monitor sampling

#### CLI

```
MTC-8(config)# show hardware profile latency monitor sampling

Sampling CLI issued at: 05/25/2016 04:19:54

Sampling interval: 20
```

#### XML

```
MTC-8(config)# show hardware profile latency monitor sampling | xml

<?xml version="1.0" encoding="ISO-8859-1"?>

<nf:rpc-reply xmlns:nf="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns="http://www.cisco.com/nxos:1.0:mtc_usd_cli">

  <nf:data>

    <show>

      <hardware>

        <profile>

          <latency>

            <monitor>

              <__XML__BLK_Cmd_show_hardware_profile_latency_monitor_summary>

                <__XML__OPT_Cmd_show_hardware_profile_latency_monitor__readonly__>

                  <__readonly__>

                    <cmd_issue_time>05/25/2016 04:20:06</cmd_issue_time>

                    <device_instance>0</device_instance>

                    <TABLE_sampling>

                      <ROW_sampling>

                        <sampling_interval>20</sampling_interval>

                      </ROW_sampling>

                    </TABLE_sampling>

                  </__readonly__>

                </__XML__OPT_Cmd_show_hardware_profile_latency_monitor__readonly__>

              </__XML__BLK_Cmd_show_hardware_profile_latency_monitor_summary>

            </monitor>

          </latency>
```

```

    </profile>
  </hardware>
</show>
</nf:data>
</nf:rpc-reply>
]]>]]>

```

### show hardware profile latency monitor threshold

#### CLI

```
MTC-8(config)# show hardware profile latency monitor threshold
```

```
Sampling CLI issued at: 05/25/2016 04:20:53
```

```
Threshold Avg: 3000
```

```
Threshold Max: 300000
```

#### XML

```
MTC-8(config)# show hardware profile latency monitor threshold | xml
```

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<nf:rpc-reply xmlns:nf="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns="http://www.cisco.com/nxos:1.0:mtc_usd_cli">
  <nf:data>
    <show>
      <hardware>
        <profile>
          <latency>
            <monitor>
              <__XML__BLK_Cmd_show_hardware_profile_latency_monitor_summary>
                <__XML__OPT_Cmd_show_hardware_profile_latency_monitor__readonly__>
                  <__readonly__>
                    <cmd_issue_time>05/25/2016 04:21:04</cmd_issue_time>
                    <device_instance>0</device_instance>
                    <TABLE_threshold>
                      <ROW_threshold>
                        <threshold_avg>3000</threshold_avg>
                        <threshold_max>300000</threshold_max>
                      </ROW_threshold>
                    </TABLE_threshold>
                  </__readonly__>
                </__XML__OPT_Cmd_show_hardware_profile_latency_monitor__readonly__>
              </__XML__BLK_Cmd_show_hardware_profile_latency_monitor_summary>
            </monitor>
          </latency>
        </profile>
      </hardware>
    </show>
  </nf:data>
</nf:rpc-reply>

```

```
        </TABLE_threshold>
    </__readonly__>
    </__XML__OPT_Cmd_show_hardware_profile_latency_monitor__readonly__>
    </__XML__BLK_Cmd_show_hardware_profile_latency_monitor_summary>
</monitor>
</latency>
</profile>
</hardware>
</show>
</nf:data>
</nf:rpc-reply>
]]>]]>
```