



XML Support for ABM and LM in N3500

This chapter contains XML and CLI supported 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_samplng>
  <ROW_samplng>
    <sampling_interval>200</sampling_interval>
  </ROW_samplng>
</TABLE_samplng>
</__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>
                    <__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>
                </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>

```



```
< __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://ww.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>
                      <brief_5min_util>N/A</brief_5min_util>
                      <brief_1hr_util>N/A</brief_1hr_util>
                      <brief_util_name>Ethernet1/46</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>
                      <brief_5min_util>N/A</brief_5min_util>
                      <brief_1hr_util>N/A</brief_1hr_util>
                      <brief_util_name>Ethernet1/47</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>
                      <brief_5min_util>N/A</brief_5min_util>
                      <brief_1hr_util>N/A</brief_1hr_util>
                      <brief_util_name>Ethernet1/48</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>
                      <brief_5min_util>N/A</brief_5min_util>
                      <brief_1hr_util>N/A</brief_1hr_util>
                      <brief_util_name>Ethernet1/21</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>
                      <brief_5min_util>N/A</brief_5min_util>
                      <brief_1hr_util>N/A</brief_1hr_util>
                      <brief_util_name>Ethernet1/22</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>
```

```

<brief_5min_util>N/A</brief_5min_util>
<brief_1hr_util>N/A</brief_1hr_util>
<brief_util_name>Ethernet1/23</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>
<brief_5min_util>N/A</brief_5min_util>
<brief_1hr_util>N/A</brief_1hr_util>
<brief_util_name>Ethernet1/24</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>
<brief_5min_util>N/A</brief_5min_util>
<brief_1hr_util>N/A</brief_1hr_util>
<brief_util_name>Ethernet1/9</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>
<brief_5min_util>N/A</brief_5min_util>
<brief_1hr_util>N/A</brief_1hr_util>
<brief_util_name>Ethernet1/10</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>
<brief_5min_util>N/A</brief_5min_util>
<brief_1hr_util>N/A</brief_1hr_util>
<brief_util_name>Ethernet1/11</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>
<brief_5min_util>N/A</brief_5min_util>
<brief_1hr_util>N/A</brief_1hr_util>
<brief_util_name>Ethernet1/12</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>
<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://w
ww.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>
]]>]]>
```

