

OMA-SUP-MO_DiagMon-V1_0-20090414-C.ddf.txt
<?xml version="1.0" encoding="UTF-8"?>

<!--
FILE INFORMATION:

OMA DM Diagnostics and Monitoring (DiagMon) V1.0, 14 April 2009.

This DDF prototype describes DiagMon Management Object Parameters and conforms to the DDF document type definition, version 1.2.

OMA Permanent Document
File: OMA-SUP-MO_DiagMon-V1_0-20090414-C.ddf
Type: Text

Public Reachable Information
Path: http://www.openmobilealliance.org/tech/omna/dm_mo/
Name: mo_diagmon-v1_0.ddf

NORMATIVE INFORMATION

Information about this file can be found in

OMA-TS-DiagMon-V1_0

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-->

```
<!DOCTYPE MgmtTree PUBLIC "-//OMA//DTD-DM-DDF 1.2//EN"
"http://www.openmobilealliance.org/tech/DTD/DM_DDF-V1_2.dtd"
[<?oma-dm-ddf-ver supported-versions="1.2"?>]>
<MgmtTree>
  <!--Source specification: OMA-TS-DiagMon-V1_0-20081013-D.doc
  -->
  <!--Created: 2008-10-13 -->
  <VerDTD>1.2</VerDTD>
  <Node>
    <NodeName />
    <!--Status: Required-->
    <DFProperties>
      <AccessType>
        <Get />
      </AccessType>
      <DFFormat>
        <node />
      </DFFormat>
      <Occurrence>
        <One />
      </Occurrence>
      <DFTitle>This interior node groups together the parameters of a DiagMon
Framework Management Object.</DFTitle>
      <DFType>
        <DDFName>urn:oma:mo:oma-diagmon:1.0</DDFName>
      </DFType>
    </DFProperties>
  <Node>
    <NodeName>DFID</NodeName>
    <!--Status: Required-->
    <DFProperties>
      <AccessType>
        <Get />
      </AccessType>
      <DFFormat>
        <chr />
      </DFFormat>
      <Occurrence>
        <One />
      </Occurrence>
      <DFTitle>This leaf node is used to contain a unique identifier that
identifies the Diagnostics and Monitoring function. The value of the leaf node
is a unique registered identifier.</DFTitle>
      <DFType>
        <MIME>text/plain</MIME>
      </DFType>
    </DFProperties>
  </Node>
  <Node>
    <NodeName>ServerID</NodeName>
```

```

<!--Status: Required-->
<DFProperties>
  <AccessType>
    <Get />
  </AccessType>
  <DFFormat>
    <chr />
  </DFFormat>
  <Occurrence>
    <ZeroOrOne />
  </Occurrence>
  <DFTitle>This leaf node is used to identify the DiagMon server where
the alert and collected Diagnostics and Monitoring data is sent if the node is
present.</DFTitle>
  <DFType>
    <MIME>text/plain</MIME>
  </DFType>
</DFProperties>
</Node>
<Node>
  <NodeName>Description</NodeName>
  <!--Status: Optional-->
  <DFProperties>
    <AccessType>
      <Get />
    </AccessType>
    <DFFormat>
      <chr />
    </DFFormat>
    <Occurrence>
      <ZeroOrOne />
    </Occurrence>
    <DFTitle>This optional leaf node provides a description of the
Diagnostics and Monitoring function.</DFTitle>
    <DFType>
      <MIME>text/plain</MIME>
    </DFType>
  </DFProperties>
</Node>
<Node>
  <NodeName>DiagMonConfig</NodeName>
  <!--Status: Optional-->
  <DFProperties>
    <AccessType>
      <Get />
    </AccessType>
    <DFFormat>
      <node />
    </DFFormat>
    <Occurrence>
      <ZeroOrOne />
    </Occurrence>
    <DFTitle>This interior node is a placeholder for the Diagnostics and
Monitoring configuration information.</DFTitle>
  </DFProperties>
  <Node>
    <NodeName>ConfigParms</NodeName>
    <!--Status: Optional-->
    <DFProperties>
      <AccessType>
        <Get />
      </AccessType>
      <DFFormat>
        <node />
      </DFFormat>
      <Occurrence>
        <One />
      </Occurrence>
    </DFProperties>
  </Node>

```

<DFTitle>This interior node is a placeholder for one or more parameters related to the Diagnostics and Monitoring function.</DFTitle>

</DFProperties>

</Node>

<Node>

<nodeName>DiagDataURL</nodeName>

<!--Status: Optional-->

<DFProperties>

<AccessType>

<Get />

</AccessType>

<DFFormat>

<chr />

</DFFormat>

<Occurrence>

<ZeroOrOne />

</Occurrence>

<DFTitle>This leaf node contains the URL [RFC3986] of an alternate data server that the client MAY use to deliver the Diagnostics and Monitoring data.</DFTitle>

<DFType>

<MIME>text/plain</MIME>

</DFType>

</DFProperties>

</Node>

<Node>

<nodeName>DefDuration</nodeName>

<!--Status: Optional-->

<DFProperties>

<AccessType>

<Get />

</AccessType>

<DFFormat>

<int />

</DFFormat>

<Occurrence>

<ZeroOrOne />

</Occurrence>

<DFTitle>This optional node will stop the Diagnostics and Monitoring function if a time-limit threshold is reached.</DFTitle>

<DFType>

<MIME>text/plain</MIME>

</DFType>

</DFProperties>

</Node>

<Node>

<nodeName>DefMemory</nodeName>

<!--Status: Optional-->

<DFProperties>

<AccessType>

<Get />

</AccessType>

<DFFormat>

<int />

</DFFormat>

<Occurrence>

<ZeroOrOne />

</Occurrence>

<DFTitle>This optional node will stop the Diagnostics and Monitoring function if a memory-size-limit threshold is reached.</DFTitle>

<DFType>

<MIME>text/plain</MIME>

</DFType>

</DFProperties>

</Node>

<Node>

<nodeName>ReportCondition</nodeName>

<!--Status: Optional-->

```

<DFProperties>
  <AccessType>
    <Get />
  </AccessType>
  <DFFormat>
    <node />
  </DFFormat>
  <Occurrence>
    <ZeroOrOne />
  </Occurrence>
  <DFTitle>This interior node acts as a placeholder to contain different
reporting conditions which indicates when Diagnostics and Monitoring data is
reported back to the Diagnostics and Monitoring System.</DFTitle>
</DFProperties>
<Node>
  <NodeName>Frequency</NodeName>
  <!--Status: Optional-->
  <DFProperties>
    <AccessType>
      <Get />
    </AccessType>
    <DFFormat>
      <int />
    </DFFormat>
    <Occurrence>
      <ZeroOrOne />
    </Occurrence>
    <DFTitle>This leaf node contains an integer value indicating the
frequency at which alert about Diagnostics and Monitoring data is reported back
to the Diagnostics and Monitoring System.</DFTitle>
    <DFType>
      <MIME>text/plain</MIME>
    </DFType>
  </DFProperties>
</Node>
</Node>
</Node>
<Node>
  <NodeName>DiagMonData</NodeName>
  <!--Status: Required-->
  <DFProperties>
    <AccessType>
      <Get />
    </AccessType>
    <DFFormat>
      <node />
    </DFFormat>
    <Occurrence>
      <One />
    </Occurrence>
    <DFTitle>This node identifies the collected Diagnostics and Monitoring
data.</DFTitle>
  </DFProperties>
</Node>
<Node>
  <NodeName>Operations</NodeName>
  <!--Status: Optional-->
  <DFProperties>
    <AccessType>
      <Get />
    </AccessType>
    <DFFormat>
      <node />
    </DFFormat>
    <Occurrence>
      <One />
    </Occurrence>
    <DFTitle>This node is a placeholder for operations that can be executed

```

to start or stop Diagnostics and Monitoring function.</DFTitle>

</DFProperties>

<Node>

<NodeName>Start</NodeName>

<!--Status: Required-->

<DFProperties>

<AccessType>

<Get />

</AccessType>

<DFFormat>

<null />

</DFFormat>

<Occurrence>

<One />

</Occurrence>

<DFTitle>This leaf node is the target of an Exec command to start the Diagnostics and Monitoring function resident on the device.</DFTitle>

</DFProperties>

</Node>

<Node>

<NodeName>Stop</NodeName>

<!--Status: Required-->

<DFProperties>

<AccessType>

<Get />

</AccessType>

<DFFormat>

<null />

</DFFormat>

<Occurrence>

<ZeroOrOne />

</Occurrence>

<DFTitle>This leaf node is the target of an Exec command to stop the Diagnostics and Monitoring function resident on the device.</DFTitle>

</DFProperties>

</Node>

</Node>

<Node>

<NodeName>Status</NodeName>

<!--Status: Required-->

<DFProperties>

<AccessType>

<Get />

</AccessType>

<DFFormat>

<chr />

</DFFormat>

<Occurrence>

<One />

</Occurrence>

<DFTitle>This leaf node specifies the operational state of the Diagnostics and Monitoring function.</DFTitle>

</DFProperties>

</Node>

<Node>

<NodeName>Ext</NodeName>

<!--Status: Optional-->

<DFProperties>

<AccessType>

<Get />

</AccessType>

<DFFormat>

<node />

</DFFormat>

<Occurrence>

<ZeroOrOne />

</Occurrence>

<DFTitle>This optional interior node designates a branch of the DiagMon

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root into which platform or vendor extensions MAY be added, permanently or dynamically.</DFTitle>

<DFType>

<MIME>text/plain</MIME>

</DFType>

</DFProperties>

</Node>

</Node>

</MgmtTree>