

How to Disable Ping Sweeps

<https://campus.barracuda.com/doc/98217184/>

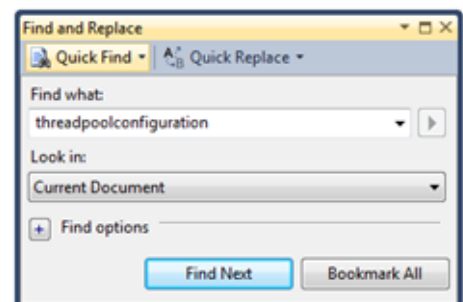
For our network discovery scan, we use a ping sweep to scan the network. We will scan multiple IP Addresses at once to see what devices are in the scan range. In some environments, this will be seen as a threat by network security or it could cause problems with network hardware.

To disable Ping Sweep you will need to edit C:\Program Files (x86)\Level Platforms\Onsite Manager\Bin\MWExpertSystem.exe.config using a text editor. Please make a backup of this file prior to proceeding.

1. Do the following:

- Search for <ThreadPoolConfiguration>

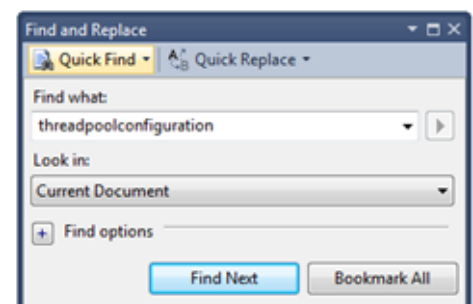
```
</Monitoring>
<ThreadPools>
  <ThreadPoolConfiguration>
    <ThreadPoolSettings Name="Network Scan">
      <ConfigurationValues>
        <add name="MaxThreadCount" value="50" />
        <add name="StartThreadCount" value="1" />
      </ConfigurationValues>
    </ThreadPoolSettings>
    <ThreadPoolSettings Name="Asset Scan">
      <ConfigurationValues>
        <add name="MaxThreadCount" value="10" />
        <add name="StartThreadCount" value="1" />
      </ConfigurationValues>
    </ThreadPoolSettings>
    <ThreadPoolSettings Name="Performance Counter">
      <ConfigurationValues>
        <add name="MaxThreadCount" value="300" />
        <add name="StartThreadCount" value="5" />
      </ConfigurationValues>
    </ThreadPoolSettings>
  </ThreadPoolConfiguration>
</ThreadPools>
```



- Add the following below it:

```
<ThreadPoolSettings Name="icmp legacy scanner">
<ConfigurationValues>
<add name="MaxThreadCount" value="10" />
<add name="StartThreadCount" value="10" />
</ConfigurationValues>
</ThreadPoolSettings>
```

```
</Monitoring>
<ThreadPools>
  <ThreadPoolConfiguration>
    <ThreadPoolSettings Name="icmp legacy scanner">
      <ConfigurationValues>
        <add name="MaxThreadCount" value="10" />
        <add name="StartThreadCount" value="10" />
      </ConfigurationValues>
    </ThreadPoolSettings>
    <ThreadPoolSettings Name="Network Scan">
      <ConfigurationValues>
        <add name="MaxThreadCount" value="50" />
        <add name="StartThreadCount" value="1" />
      </ConfigurationValues>
    </ThreadPoolSettings>
    <ThreadPoolSettings Name="Asset Scan">
      <ConfigurationValues>
        <add name="MaxThreadCount" value="10" />
        <add name="StartThreadCount" value="1" />
      </ConfigurationValues>
    </ThreadPoolSettings>
  </ThreadPoolConfiguration>
</ThreadPools>
```



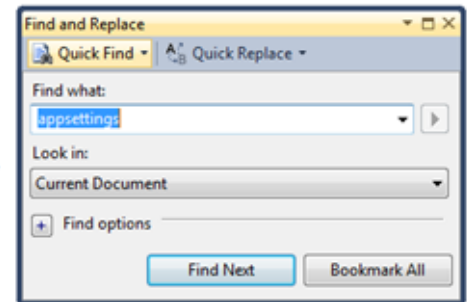
2. Then do the following:

- Search for <appSettings>

```

    <add name="Default" value="600" />
    <!--Default Timeout for a group of WMI queries such as getting software assets.-->
  </Timeouts>
</WmiSettings>
<appSettings>
  <add key="MwThreadPool_MaxNrThreads" value="700" />
  <add key="EventLog" value="Application" />
  <add key="EventSource" value="MwCheckupService" />
  <add key="BasePort" value="43830" />
  <add key="EnableLogging" value="1" />
  <add key="MwDataSource" value="" />
  <add key="DebugSvc" value="false" />
  <add key="MwServiceProfile" value="C:\Documents and Settings\%WMSERVICE%\ />
  <add key="SyslogMsgQueueInterval" value="60" />
  <!-- in second -->
  <add key="EnableJIT" value="false" />
  <add key="TaskRequestTimeout" value="240" />
  <add key="FilterOutServiceAccountAuditSuccessEvents" value="2" />
  <add key="DbProviderName" value="System.Data.SqlClient" />
  <!--<add key="WmiUseDcom" value="false" />-->

```



- Add the following below it:


```

<add key="UseFastIcmpSweep" value="false" />
</WmiSettings>
<appSettings>
  <add key="UseFastIcmpSweep" value="false" />
  <add key="MwThreadPool_MaxNrThreads" value="700" />
  <add key="EventLog" value="Application" />
  <add key="EventSource" value="MwCheckupService" />
  <add key="BasePort" value="43830" />
  <add key="EnableLogging" value="1" />
  <add key="MwDataSource" value="" />

```

3. Save the file and close it.
4. Restart the MWExpertSystem service

Figures

1. clipboard_edfb91a271ed4efdcf4fb35efd2617c41.png
2. 2.png
3. 3.png
4. 4.png

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.