

Application for the IP Watcher

Switching the digital output of a Web-IO in alarm situations

Switch an output on a digital Web-IO via TCP client message when a watched network component is no longer reachable. Deactivate the output when the watched device responds again. The commands for switching the output are sent to the HTTP port of the Web-IO in the form of parameterized command strings.

 <p>Once the IP-Watcher has been configured for your network and connected, the following steps are necessary:</p>	
<p>Enter the IP address of the device in the address line of your browser.</p> <p>Show the configuration menu.</p> <p>Select menu point Config and log in.</p>	
<p>Go to the page</p> <p>Config >> Device >> Basic Settings >> Network</p> <p>and enter any missing network parameters.</p>	
<p>On the page</p> <p>Config >> Device >> IP Watch List</p> <p>add the IP address you want to monitor to the list.</p>	<p>Config >> Device >> IP Watch List</p> <p>Editor : 001:192.168.1.50 : Methode = Ping: Broadcast</p> <p>Einfügen Scan Bearbeiten Löschen Alles löschen</p> <p>Freier Speicher: 42927 Bytes</p> <p>Logout</p>
<p>Go to page</p> <p>Config >> Device >> Alarm >> Alarm X</p> <p>and configure the points: Alarm Enable, IP Watch List, Trigger Count, Polling Rate and Interval to specify the alarm condition.</p> <p>Optionally you can assign a name to the alarm, which is displayed on the watch pages.</p>	<p>Alarm Enable : <input checked="" type="checkbox"/></p> <p>IP Watch List : <input checked="" type="checkbox"/> 10.40.27.99 : Methode = Ping: Broadcast</p> <p>Trigger Count : Anzahl der zulässigen Fehlversuche. 5</p> <p>Polling Rate : Intervall, in dem alle Teilnehmer einmal angesprochen werden. 5</p> <p>Interval : Sendezeitintervall in Minuten, E = Einmally (default), 0 oder leer= Aus E</p>

<p>Activate TCP Client enable and apply the changes by clicking on Apply.</p>	<p>Enable :</p> <ul style="list-style-type: none"> <input type="checkbox"/> Output switch enable <input type="checkbox"/> Mail enable <input type="checkbox"/> SNMP Trap enable <input type="checkbox"/> UDP Client enable <input checked="" type="checkbox"/> TCP Client enable <input type="checkbox"/> Syslog Messages enable <input type="checkbox"/> FTP Client enable
<p>On the bottom activate TCP under Enable Text these options: Alarm ON message and Trigger OFF message.</p> <p>For IP Addr enter the IP address of the Web-IO on which you want to switch an output.</p> <p>For Port enter the HTTP port of the remote Web-IO.</p>	<p>Enable Text :</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Alarm ON message <input type="checkbox"/> Re-Trigger ON message <input type="checkbox"/> Alarm ACK message <input checked="" type="checkbox"/> Trigger OFF message <p>IP Addr : Name oder IP-Adresse des TCP Servers im Format xxx.xxx.xxx.xxx. <input type="text" value="192.168.1.55"/></p> <p>Port : <input type="text" value="80"/></p>
<p>To activate the first output (Output 0) under Alarm Text enter the command string shown at right.</p> <p>The example assumes that the digital Web-IO is not password protected.</p>	<p>GET /outputaccess0?PW=&State=ON&</p>
<p>If the watched device can be reached again, the message appearing under Trigger OFF Text is sent.</p> <p>The command shown at right deactivates the previously activated digital output.</p> <p>Apply the changes by clicking on Apply the changes by clicking on, use Logout to log out and save all your changes.</p> <p>That's it!</p>	<p>GET /outputaccess0?PW=&State=OFF&</p>

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