

## Chapter 23

# Tag Elements Beginning with W

This chapter lists the configuration tag elements that have names beginning with the letter *w*. The tag names are in alphabetical order. For information about the notation used in this chapter, see Table 2 on page *cdv*.

For information about the tag elements that client applications use to request, change, and commit configuration information, see the *JUNOScript API Guide* and *NETCONF API Guide*.



**NOTE:** Every tag element in this chapter optionally accepts the `<apply-groups>` or `<apply-groups-except>` tag element and the `<apply-macro>` tag element as children. For brevity, the reference entries do not list these tag elements as children. For information about these tag elements, see `<apply-groups>` on page 606, `<apply-groups-except>` on page 606, and `<apply-macro>` on page 607.

### **<watchdog> (configuration/services/ggsn/service-based-charging/diameter-peer)**

<b>Usage</b>	<pre>&lt;configuration&gt;   &lt;services&gt;     &lt;ggsn&gt;       &lt;service-based-charging&gt;         &lt;diameter-peer&gt;           &lt;watchdog&gt;             &lt;timeout&gt;seconds&lt;/timeout&gt;           &lt;/watchdog&gt;         &lt;/diameter-peer&gt;       &lt;/service-based-charging&gt;     &lt;/ggsn&gt;   &lt;/services&gt; &lt;/configuration&gt;</pre>
<b>Description</b>	No documentation is available yet.
<b>Contents</b>	<code>&lt;timeout&gt;</code> —Period between device watch dog requests.

**<watchdog> (configuration/system/processes)**

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<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;system&gt;     &lt;processes&gt;       &lt;watchdog&gt;         &lt;enable/&gt;         &lt;disable/&gt;         &lt;timeout&gt;seconds&lt;/timeout&gt;       &lt;/watchdog&gt;     &lt;/processes&gt;   &lt;/system&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Watchdog timer.
<b>Contents</b>	<p>&lt;disable&gt;—Disable watchdog timer.</p> <p>&lt;enable&gt;—Enable watchdog timer.</p> <p>&lt;timeout&gt;—Watchdog timer value.</p>

**<web-authentication> (configuration/dynamic-profiles/interfaces/interface/unit/family/inet/address)**

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;dynamic-profiles&gt;     &lt;interfaces&gt;       &lt;interface&gt;         &lt;unit&gt;           &lt;family&gt;             &lt;inet&gt;               &lt;address&gt;                 &lt;web-authentication&gt;                   &lt;http/&gt;                 &lt;/web-authentication&gt;               &lt;/address&gt;             &lt;/inet&gt;           &lt;/family&gt;         &lt;/unit&gt;       &lt;/interface&gt;     &lt;/interfaces&gt;   &lt;/dynamic-profiles&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Parameters for web-based firewall-user authentication.
<b>Contents</b>	<http>—Enable authentication via HTTP.

## **<web-authentication> (configuration/interfaces/interface/unit/family/inet/address)**

---

**Usage** <configuration>  
           <interfaces>  
             <interface>  
               <unit>  
                 <family>  
                   <inet>  
                     <address>  
                       **<web-authentication>**  
                       <http/>  
                       **</web-authentication>**  
                     </address>  
                   </inet>  
                 </family>  
               </unit>  
             </interface>  
           </interfaces>  
         </configuration>

**Description** Parameters for web-based firewall-user authentication.

**Contents** <http>—Enable authentication via HTTP.

## **<web-authentication> (configuration/logical-systems/interfaces/interface/unit/family/inet/address)**

---

**Usage** <configuration>  
           <logical-systems>  
             <interfaces>  
               <interface>  
                 <unit>  
                   <family>  
                     <inet>  
                       <address>  
                       **<web-authentication>**  
                       <http/>  
                       **</web-authentication>**  
                     </address>  
                   </inet>  
                 </family>  
               </unit>  
             </interface>  
           </logical-systems>  
         </configuration>

**Description** Parameters for web-based firewall-user authentication.

**Contents** <http>—Enable authentication via HTTP.

**<web-management> (configuration/system/processes)**

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;system&gt;     &lt;processes&gt;       &lt;web-management&gt;         &lt;disable/&gt;         &lt;failover&gt;failover-choice&lt;/failover&gt;       &lt;/web-management&gt;     &lt;/processes&gt;   &lt;/system&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Web management process.
<b>Contents</b>	<p>&lt;disable&gt;—Disable web management process.</p> <p>&lt;failover&gt;—How to handle failure of web management process.</p> <ul style="list-style-type: none"> <li>■ alternate-media—On failure, reboot off alternate media.</li> <li>■ other-routing-engine—On failure, switch mastership to other Routing Engine.</li> </ul>

**<web-management> (configuration/system/services)**

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;system&gt;     &lt;services&gt;       &lt;web-management&gt;         &lt;http&gt;...&lt;/http&gt;         &lt;https&gt;...&lt;/https&gt;         &lt;control&gt;...&lt;/control&gt;         &lt;session&gt;...&lt;/session&gt;       &lt;/web-management&gt;     &lt;/services&gt;   &lt;/system&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Web management configuration.
<b>Contents</b>	<p>&lt;control&gt;—Control of the web management process.</p> <p>&lt;http&gt;—Unencrypted HTTP connection settings.</p> <p>&lt;https&gt;—Encrypted HTTPS connections.</p> <p>&lt;session&gt;—Session parameters.</p>

## **<weighted-averaged> (configuration/chassis/fpc/pic/red-buffer-occupancy)**

---

**Usage**   <configuration>  
           <chassis>  
           <fpc>  
           <pic>  
           <red-buffer-occupancy>  
             **<weighted-averaged>**  
               <instant-usage-weight-exponent>*instant-usage-weight-exponent*  
               </instant-usage-weight-exponent>  
             **</weighted-averaged>**  
           </red-buffer-occupancy>  
         </pic>  
       </fpc>  
     </chassis>  
 </configuration>

**Description**   Weighted-average computation.

**Contents**   <instant-usage-weight-exponent>—Weight for instant buffer usage (negative exponent of 2).

## **<weighted-averaged> (configuration/chassis/lcc/fpc/pic/red-buffer-occupancy)**

---

**Usage**   <configuration>  
           <chassis>  
           <lcc>  
           <fpc>  
           <pic>  
           <red-buffer-occupancy>  
             **<weighted-averaged>**  
               <instant-usage-weight-exponent>*instant-usage-weight-exponent*  
               </instant-usage-weight-exponent>  
             **</weighted-averaged>**  
           </red-buffer-occupancy>  
         </pic>  
       </fpc>  
     </lcc>  
   </chassis>  
</configuration>

**Description**   Weighted-average computation.

**Contents**   <instant-usage-weight-exponent>—Weight for instant buffer usage (negative exponent of 2).

## **<wins-server> (configuration/access/address-assignment/pool/family/inet/dhcp-attributes)**

---

**Usage** <configuration>  
     <access>  
         <address-assignment>  
             <pool>  
                 <family>  
                     <inet>  
                         <dhcp-attributes>  
                             **<wins-server>**  
                                 <name>name</name>   <!-- identifier -->  
                             **</wins-server>**  
                         </dhcp-attributes>  
                     </inet>  
                 </family>  
             </pool>  
         </address-assignment>  
     </access>  
 </configuration>

**Description** WINS name servers.

**Contents** <name>—WINS server's IPv4 address.

## **<wins-server> (configuration/logical-systems/access/address-assignment/pool/family/inet/dhcp-attributes)**

---

**Usage** <configuration>  
     <logical-systems>  
         <access>  
             <address-assignment>  
                 <pool>  
                     <family>  
                         <inet>  
                             <dhcp-attributes>  
                                 **<wins-server>**  
                                     <name>name</name>   <!-- identifier -->  
                                 **</wins-server>**  
                             </dhcp-attributes>  
                         </inet>  
                     </family>  
                 </pool>  
             </address-assignment>  
         </access>  
     </logical-systems>  
 </configuration>

**Description** WINS name servers.

**Contents** <name>—WINS server's IPv4 address.

## **<wins-server> (configuration/logical-systems/routing-instances/instance/access/address-assignment/pool/family/inet/dhcp-attributes)**

---

**Usage**   <configuration>  
           <logical-systems>  
           <routing-instances>  
           <instance>  
           <access>  
           <address-assignment>  
           <pool>  
           <family>  
           <inet>  
           <dhcp-attributes>  
           **<wins-server>**  
             <name>*name*</name>   <!-- identifier -->  
           **</wins-server>**  
           </dhcp-attributes>  
           </inet>  
           </family>  
           </pool>  
           </address-assignment>  
           </access>  
           </instance>  
           </routing-instances>  
           </logical-systems>  
           </configuration>

**Description**   WINS name servers.

**Contents**    <name>—WINS server's IPv4 address.

## **<wins-server> (configuration/routing-instances/instance/access/address-assignment/pool/family/inet/dhcp-attributes)**

---

**Usage**

```

<configuration>
  <routing-instances>
    <instance>
      <access>
        <address-assignment>
          <pool>
            <family>
              <inet>
                <dhcp-attributes>
                  <wins-server>
                    <name>name</name>    <!-- identifier -->
                  </wins-server>
                </dhcp-attributes>
              </inet>
            </family>
          </pool>
        </address-assignment>
      </access>
    </instance>
  </routing-instances>
</configuration>

```

**Description** WINS name servers.

**Contents** <name>—WINS server's IPv4 address.

## **<wins-server> (configuration/system/services/dhcp)**

---

**Usage**

```

<configuration>
  <system>
    <services>
      <dhcp>
        <wins-server>
          <name>name</name>    <!-- identifier -->
        </wins-server>
      </dhcp>
    </services>
  </system>
</configuration>

```

**Description** NetBIOS name servers.

**Contents** <name>—WINS server's IPv4 address.



**<wins-server> (configuration/system/services/dhcp/pool)**

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;system&gt;     &lt;services&gt;       &lt;dhcp&gt;         &lt;pool&gt;           &lt;wins-server&gt;             &lt;name&gt;name&lt;/name&gt;    &lt;!-- identifier --&gt;           &lt;/wins-server&gt;         &lt;/pool&gt;       &lt;/dhcp&gt;     &lt;/services&gt;   &lt;/system&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	NetBIOS name servers.
<b>Contents</b>	<name>—WINS server's IPv4 address.

**<wins-server> (configuration/system/services/dhcp/static-binding)**

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;system&gt;     &lt;services&gt;       &lt;dhcp&gt;         &lt;static-binding&gt;           &lt;wins-server&gt;             &lt;name&gt;name&lt;/name&gt;    &lt;!-- identifier --&gt;           &lt;/wins-server&gt;         &lt;/static-binding&gt;       &lt;/dhcp&gt;     &lt;/services&gt;   &lt;/system&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	NetBIOS name servers.
<b>Contents</b>	<name>—WINS server's IPv4 address.

**<within> (configuration/event-options/policy)**

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;event-options&gt;     &lt;policy&gt;       &lt;within&gt;         &lt;name&gt;seconds&lt;/name&gt;    &lt;!-- identifier --&gt;         &lt;trigger&gt;...&lt;/trigger&gt;         &lt;events&gt;...&lt;/events&gt;         &lt;not&gt;...&lt;/not&gt;       &lt;/within&gt;     &lt;/policy&gt;   &lt;/event-options&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	List of events correlated with triggering events.
<b>Contents</b>	<p><b>&lt;events&gt;</b>—List of events that must occur within time interval.</p> <p><b>&lt;name&gt;</b>—Time within which correlated events must occur (or not).</p> <p><b>&lt;not&gt;</b>—Events must not occur within time interval.</p> <p><b>&lt;trigger&gt;</b>—Correlate events based on the number of occurrences.</p>

**<wsp> (configuration/services/ggsn/service-identification/http-wsp-rule/term/from)**

---

<b>Usage</b>	<pre> &lt;configuration&gt;   &lt;services&gt;     &lt;ggsn&gt;       &lt;service-identification&gt;         &lt;http-wsp-rule&gt;           &lt;term&gt;             &lt;from&gt;               &lt;wsp&gt;                 &lt;operation&gt;...&lt;/operation&gt;                 &lt;content-type&gt;...&lt;/content-type&gt;               &lt;/wsp&gt;             &lt;/from&gt;           &lt;/term&gt;         &lt;/http-wsp-rule&gt;       &lt;/service-identification&gt;     &lt;/ggsn&gt;   &lt;/services&gt; &lt;/configuration&gt; </pre>
<b>Description</b>	Match WSP sessions.
<b>Contents</b>	<p><b>&lt;content-type&gt;</b>—Content type contained in wsp body.</p> <p><b>&lt;operation&gt;</b>—Limit match to operation being performed.</p>