

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 cdxiii.

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 631, `<apply-groups-except>` on page 631, and `<apply-macro>` on page 632.

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

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

<watchdog> (configuration/system/processes)

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

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

Usage	<pre> <configuration> <dynamic-profiles> <interfaces> <interface> <unit> <family> <inet> <address> <web-authentication> <http/> </web-authentication> </address> </inet> </family> </unit> </interface> </interfaces> </dynamic-profiles> </configuration> </pre>
Description	Parameters for web-based firewall-user authentication.
Contents	<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)

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

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

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

<west-interface> (configuration/logical-systems/protocols/protection-group/ethernet-ring)

Usage <configuration>
 <logical-systems>
 <protocols>
 <protection-group>
 <ethernet-ring>
 <west-interface>
 <control-channel>...</control-channel>
 <ring-protection-link-end/>
 </west-interface>
 </ethernet-ring>
 </protection-group>
 </protocols>
 </logical-systems>
 </configuration>

Description West interface configuration.

Contents <control-channel>—Contro channel of ring port.

<ring-protection-link-end>—Port is connecting to ring protection link.

<west-interface> (configuration/protocols/protection-group/ethernet-ring)

Usage <configuration>
 <protocols>
 <protection-group>
 <ethernet-ring>
 <west-interface>
 <control-channel>...</control-channel>
 <ring-protection-link-end/>
 </west-interface>
 </ethernet-ring>
 </protection-group>
 </protocols>
 </configuration>

Description West interface configuration.

Contents <control-channel>—Contro channel of ring port.

<ring-protection-link-end>—Port is connecting to ring protection link.

<window-scale> (configuration/security/idp/custom-attack/attack-type/chain/member/attack-type/signature/protocol/tcp)

Usage <configuration>
 <security>
 <idp>
 <custom-attack>
 <attack-type>
 <chain>
 <member>
 <attack-type>
 <signature>
 <protocol>
 <tcp>
 <window-scale>
 <match>*match-choice*</match> <!-- mandatory -->
 <value>*value*</value> <!-- mandatory -->
 </window-scale>
 </tcp>
 </protocol>
 </signature>
 </attack-type>
 </member>
 </chain>
 </attack-type>
 </custom-attack>
 </idp>
 </security>
 </configuration>

Description Window scale.

Contents <match>—Match condition.

- equal—Match when value in packet is exact match.
 - greater-than—Match when value in packet is greater.
 - less-than—Match when value in packet is less.
 - not-equal—Match when value in packet is not exact match.
- <value>—Match value.

<window-scale> (configuration/security/idp/custom-attack/attack-type/signature/protocol/tcp)

Usage

```

<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <tcp>
                <window-scale>
                  <match>match-choice</match>    <!-- mandatory -->
                  <value>value</value>          <!-- mandatory -->
                </window-scale>
              </tcp>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>

```

Description Window scale.

Contents <match>—Match condition.

- equal—Match when value in packet is exact match.
- greater-than—Match when value in packet is greater.
- less-than—Match when value in packet is less.
- not-equal—Match when value in packet is not exact match.

<value>—Match value.

<window-size> (configuration/security/idp/custom-attack/attack-type/chain/member/attack-type/signature/protocol/tcp)

Usage <configuration>
 <security>
 <idp>
 <custom-attack>
 <attack-type>
 <chain>
 <member>
 <attack-type>
 <signature>
 <protocol>
 <tcp>
 <window-size>
 <match>*match-choice*</match> <!-- mandatory -->
 <value>*value*</value> <!-- mandatory -->
 </window-size>
 </tcp>
 </protocol>
 </signature>
 </attack-type>
 </member>
 </chain>
 </attack-type>
 </custom-attack>
 </idp>
 </security>
 </configuration>

Description Window Size.

Contents <match>—Match condition.

- equal—Match when value in packet is exact match.
 - greater-than—Match when value in packet is greater.
 - less-than—Match when value in packet is less.
 - not-equal—Match when value in packet is not exact match.
- <value>—Match value.

<window-size> (configuration/security/idp/custom-attack/attack-type/signature/protocol/tcp)

Usage

```

<configuration>
  <security>
    <idp>
      <custom-attack>
        <attack-type>
          <signature>
            <protocol>
              <tcp>
                <window-size>
                  <match>match-choice</match>    <!-- mandatory -->
                  <value>value</value>          <!-- mandatory -->
                </window-size>
              </tcp>
            </protocol>
          </signature>
        </attack-type>
      </custom-attack>
    </idp>
  </security>
</configuration>

```

Description Window Size.

Contents <match>—Match condition.

- equal—Match when value in packet is exact match.
- greater-than—Match when value in packet is greater.
- less-than—Match when value in packet is less.
- not-equal—Match when value in packet is not exact match.

<value>—Match value.

<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)

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

Description NetBIOS name servers.

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

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

Usage <configuration>
 <system>
 <services>
 <dhcp>
 <static-binding>
 <wins-server>
 <name>*name*</name> <!-- identifier -->
 </wins-server>
 </static-binding>
 </dhcp>
 </services>
 </system>
 </configuration>

Description NetBIOS name servers.

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

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

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

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

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

