

Chapter 29

DTD for IDP Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-idp.dtd`, which lists the JUNOS XML tags that contain information about IDP support. The associated XML namespace is `http://xml.juniper.net/junos/9.4R1/junos-idp`. To review reference pages for the tags, see “Summary of IDP Response Tags” on page 729.

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<!-- Copyright (c) 2000-2008, Juniper Networks, Inc. -->
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<!-- junos-idp.dtd -->

<!ELEMENT active-sessions (#PCDATA)>

<!ELEMENT attack-id (#PCDATA)>

<!ELEMENT attack-name (#PCDATA)>

<!ELEMENT attack-service-name (#PCDATA)>

<!ELEMENT auxiliary-flow (#PCDATA)>

<!ELEMENT average-latency-time (#PCDATA)>
<!-- ATTENTION: average-latency-time junos:seconds CDATA #IMPLIED -->

<!ELEMENT average-time (#PCDATA)>

<!ELEMENT cache-entries (#PCDATA)>

<!ELEMENT clear-idp-ssl-session-cache-information
(cleared-ssl-session-cache-count)*>

<!ELEMENT cleared-ssl-session-cache-count (#PCDATA)>

<!ELEMENT context-direction (#PCDATA)>

<!ELEMENT context-name (#PCDATA)>

<!ELEMENT current-icmp-flow-count (#PCDATA)>

<!ELEMENT current-other-flow-count (#PCDATA)>

<!ELEMENT current-tcp-flow-count (#PCDATA)>

<!ELEMENT current-udp-flow-count (#PCDATA)>
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<!ELEMENT date-time (#PCDATA)>
<!ATTLIST date-time junos:seconds CDATA #IMPLIED>

<!ELEMENT desc (#PCDATA)>

<!ELEMENT destination-address (#PCDATA)>

<!ELEMENT destination-port (#PCDATA)>

<!ELEMENT detector-version (#PCDATA)>

<!ELEMENT direction (#PCDATA)>

<!ELEMENT from-zone (#PCDATA)>

<!ELEMENT fw-service (#PCDATA)>

<!ELEMENT get-idp-ssl-session-cache-information (idp-ssl-session-cache-count |
idp-ssl-session-cache-entry)*>

<!ELEMENT icmp-packet-count (#PCDATA)>

<!ELEMENT icmp-session-count (#PCDATA)>

<!ELEMENT idp-anomaly (attack-service-name | service-id | attack-name | attack-id)*>

<!ELEMENT idp-anomaly-list (idp-anomaly)*>

<!ELEMENT idp-application-system-cache-information
(idp-application-system-cache-statistics)*>

<!ELEMENT idp-application-system-cache-statistics (virtual-system-identifier |
ip-address | port | protocol | idp-service)*>

<!ELEMENT idp-attack-information (idp-attack-statistics)*>

<!ELEMENT idp-attack-statistics (name | value)*>

<!ELEMENT idp-cache-aggregate-statistics (total-memory-used | cache-entries |
single-rules | multiple-rules)*>

<!ELEMENT idp-cache-rule (rule-pointer | rule-number | idp-service | protocol | direction |
auxiliary-flow | line-separator | memory-bytes)*>

<!ELEMENT idp-cache-rule-statistics (idp-cache-rule)*>

<!ELEMENT idp-cache-service (idp-service | memory-in-kb)*>

<!ELEMENT idp-cache-service-memory-statistics (idp-cache-service)*>

<!ELEMENT idp-cache-statistics (idp-cache-rule-statistics |
idp-cache-service-memory-statistics | idp-cache-aggregate-statistics)*>

<!ELEMENT idp-context-list (idp-contexts)*>

<!ELEMENT idp-contexts (service-name | context-name | offset-id | context-direction)*>

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<!ELEMENT idp-counter-information (idp-counter-statistics)*>

<!ELEMENT idp-counter-statistics (name | value)*>

<!ELEMENT idp-detector-version (#PCDATA)>

<!ELEMENT idp-icmp-flow-count (current-icmp-flow-count | maximum-icmp-flow-count |
maximum-icmp-flow-count-time | date-time)*>

<!ELEMENT idp-kbits-per-second (#PCDATA)>

<!ELEMENT idp-kbits-per-second-information (idp-kbits-per-second |
idp-peak-kbits-per-second | date-time)*>

<!ELEMENT idp-latency (minimum-latency-time | maximum-latency-time |
average-latency-time)*>

<!ELEMENT idp-memory-information (idp-memory-per-spu-information)*>

<!ELEMENT idp-memory-per-spu-information (pic-name |
total-idp-data-plane-memory-in-mb | total-idp-data-plane-memory-used-in-mb |
total-idp-data-plane-memory-used-in-kb | total-idp-data-plane-memory-available-in-mb |
total-idp-data-plane-memory-available-in-kb)*>

<!ELEMENT idp-other-flow-count (current-other-flow-count | maximum-other-flow-count |
maximum-other-flow-count-time | date-time)*>

<!ELEMENT idp-packet-count (icmp-packet-count | tcp-packet-count | udp-packet-count |
other-packet-count)*>

<!ELEMENT idp-packets-per-second (#PCDATA)>

<!ELEMENT idp-packets-per-second-information (idp-packets-per-second |
idp-peak-packets-per-second | date-time)*>

<!ELEMENT idp-peak-kbits-per-second (#PCDATA)>

<!ELEMENT idp-peak-packets-per-second (#PCDATA)>

<!ELEMENT idp-policy (policy-load-templates)*>

<!ELEMENT idp-policy-name (#PCDATA)>

<!ELEMENT idp-protocol-list (idp-protocols)*>

<!ELEMENT idp-protocols (protocol-name | protocol-type | port-number | line-seperator |
scope)*>

<!ELEMENT idp-qmodule (name | minimum-time | maximum-time | average-time |
number-of-packets | number-of-packets-dropped | number-of-error-packets)*>

<!ELEMENT idp-qmodule-information (idp-qmodule)*>

<!ELEMENT idp-rule-information (idp-rule-name | idp-rulebase-type)*>

<!ELEMENT idp-rule-name (#PCDATA)>

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<!ELEMENT idp-rulebase (idp-rule-information)*>

<!ELEMENT idp-rulebase-type (idp-rulebase-type-name | number-of-rules)*>

<!ELEMENT idp-rulebase-type-name (#PCDATA)>

<!ELEMENT idp-security-package-information (security-package-version |
detector-version | policy-template-version)*>

<!ELEMENT idp-service (#PCDATA)>

<!ELEMENT idp-session (session-identifier | source-address | source-port |
destination-address | destination-port | from-zone | to-zone | protocol | idp-service |
fw-service | timeout | maximum-timeout)*>

<!ELEMENT idp-session-count (icmp-session-count | tcp-session-count |
udp-session-count | other-session-count)*>

<!ELEMENT idp-session-information (idp-session)*>

<!ELEMENT idp-session-summary-information (idp-session-summary-per-pic-information
| total-sessions)*>

<!ELEMENT idp-session-summary-per-pic-information (pic-name | maximum-sessions |
active-sessions)*>

<!ELEMENT idp-sigdb-version (#PCDATA)>

<!ELEMENT idp-ssl-key-count (#PCDATA)>

<!ELEMENT idp-ssl-key-information (idp-ssl-key-count | idp-ssl-per-key-information)*>

<!ELEMENT idp-ssl-per-key-information (key-name | destination-address)*>

<!ELEMENT idp-ssl-session-cache-count (#PCDATA)>

<!ELEMENT idp-ssl-session-cache-entry (ssl-session-identifier)*>

<!ELEMENT idp-ssl-session-information (ssl-session-count)*>

<!ELEMENT idp-status (#PCDATA)>

<!ELEMENT idp-status-information (idp-uptime | idp-packets-per-second-information |
idp-kbits-per-second-information | idp-latency | idp-packet-count | idp-icmp-flow-count |
idp-tcp-flow-count | idp-udp-flow-count | idp-other-flow-count | idp-session-count |
idp-ssl-session-information)*>

<!ELEMENT idp-tcp-flow-count (current-tcp-flow-count | maximum-tcp-flow-count |
maximum-tcp-flow-count-time | date-time)*>

<!ELEMENT idp-udp-flow-count (current-udp-flow-count | maximum-udp-flow-count |
maximum-udp-flow-count-time | date-time)*>

<!ELEMENT idp-uptime (idp-status | date-time | time-length)*>

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<!ELEMENT idp-version-information (idp-policy-name | idp-detector-version |
idp-sigdb-version)*>

<!ELEMENT ip-address (#PCDATA)>

<!ELEMENT key-name (#PCDATA)>

<!ELEMENT key-number (#PCDATA)>

<!ELEMENT line-separator (#PCDATA)>

<!ELEMENT line-seperator (#PCDATA)>

<!ELEMENT maximum-icmp-flow-count (#PCDATA)>

<!ELEMENT maximum-icmp-flow-count-time (#PCDATA)>
<!ATTLIST maximum-icmp-flow-count-time junos:seconds CDATA #IMPLIED>

<!ELEMENT maximum-latency-time (#PCDATA)>
<!ATTLIST maximum-latency-time junos:seconds CDATA #IMPLIED>

<!ELEMENT maximum-other-flow-count (#PCDATA)>

<!ELEMENT maximum-other-flow-count-time (#PCDATA)>
<!ATTLIST maximum-other-flow-count-time junos:seconds CDATA #IMPLIED>

<!ELEMENT maximum-sessions (#PCDATA)>

<!ELEMENT maximum-tcp-flow-count (#PCDATA)>

<!ELEMENT maximum-tcp-flow-count-time (#PCDATA)>
<!ATTLIST maximum-tcp-flow-count-time junos:seconds CDATA #IMPLIED>

<!ELEMENT maximum-time (#PCDATA)>

<!ELEMENT maximum-timeout (#PCDATA)>

<!ELEMENT maximum-udp-flow-count (#PCDATA)>

<!ELEMENT maximum-udp-flow-count-time (#PCDATA)>
<!ATTLIST maximum-udp-flow-count-time junos:seconds CDATA #IMPLIED>

<!ELEMENT memory-bytes (#PCDATA)>

<!ELEMENT memory-in-kb (#PCDATA)>

<!ELEMENT minimum-latency-time (#PCDATA)>
<!ATTLIST minimum-latency-time junos:seconds CDATA #IMPLIED>

<!ELEMENT minimum-time (#PCDATA)>

<!ELEMENT multiple-rules (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT number-of-error-packets (#PCDATA)>

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<!ELEMENT number-of-packets (#PCDATA)>

<!ELEMENT number-of-packets-dropped (#PCDATA)>

<!ELEMENT number-of-rules (#PCDATA)>

<!ELEMENT offset-id (#PCDATA)>

<!ELEMENT other-packet-count (#PCDATA)>

<!ELEMENT other-session-count (#PCDATA)>

<!ELEMENT pic-name (#PCDATA)>

<!ELEMENT policy-load-templates (desc)*>

<!ELEMENT policy-template-version (#PCDATA)>

<!ELEMENT port (#PCDATA)>

<!ELEMENT port-number (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT protocol-name (#PCDATA)>

<!ELEMENT protocol-type (#PCDATA)>

<!ELEMENT request-idp-ssl-key-add (#PCDATA)>

<!ELEMENT request-idp-ssl-key-delete (key-number | server-number)*>

<!ELEMENT rule-number (#PCDATA)>

<!ELEMENT rule-pointer (#PCDATA)>

<!ELEMENT scope (#PCDATA)>

<!ELEMENT secpack-download-status (secpack-download-status-detail)*>

<!ELEMENT secpack-download-status-detail (#PCDATA)>

<!ELEMENT secpack-status-detail (#PCDATA)>

<!ELEMENT secpack-update-status (secpack-status-detail)*>

<!ELEMENT security-package-version (#PCDATA)>

<!ELEMENT server-number (#PCDATA)>

<!ELEMENT service-id (#PCDATA)>

<!ELEMENT service-name (#PCDATA)>

<!ELEMENT session-identifier (#PCDATA)>

<!ELEMENT single-rules (#PCDATA)>

<!ELEMENT source-address (#PCDATA)>
<!ELEMENT source-port (#PCDATA)>
<!ELEMENT ssl-session-count (#PCDATA)>
<!ELEMENT ssl-session-identifier (#PCDATA)>
<!ELEMENT tcp-packet-count (#PCDATA)>
<!ELEMENT tcp-session-count (#PCDATA)>
<!ELEMENT time-length (#PCDATA)>
<!ATTLIST time-length junos:seconds CDATA #IMPLIED>
<!ELEMENT timeout (#PCDATA)>
<!ELEMENT to-zone (#PCDATA)>
<!ELEMENT total-idp-data-plane-memory-available-in-kb (#PCDATA)>
<!ELEMENT total-idp-data-plane-memory-available-in-mb (#PCDATA)>
<!ELEMENT total-idp-data-plane-memory-in-mb (#PCDATA)>
<!ELEMENT total-idp-data-plane-memory-used-in-kb (#PCDATA)>
<!ELEMENT total-idp-data-plane-memory-used-in-mb (#PCDATA)>
<!ELEMENT total-memory-used (#PCDATA)>
<!ELEMENT total-sessions (#PCDATA)>
<!ELEMENT udp-packet-count (#PCDATA)>
<!ELEMENT udp-session-count (#PCDATA)>
<!ELEMENT value (#PCDATA)>
<!ELEMENT virtual-system-identifier (#PCDATA)>

