

Chapter 47

DTD for PPP Response Tag Elements

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-ppp.dtd`, which lists the JUNOS XML tag elements that contain Point-to-Point Protocol (PPP) information. The associated XML namespace is `http://xml.juniper.net/junos/9.4R1/junos-ppp`. To review reference pages for the tag elements, see “Summary of PPP Response Tags” on page 1148.

```
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```

```
<!-- All rights reserved. -->
```

```
<!-- junos-ppp.dtd -->
```

```
<!ELEMENT assigned-address-list (pool-address-assignment)*>
```

```
<!ELEMENT assigned-addresses (#PCDATA)>
```

```
<!ELEMENT authentication-algorithm (#PCDATA)>
```

```
<!ELEMENT authentication-protocol-name (#PCDATA)>
```

```
<!ELEMENT bcp-mac-support (#PCDATA)>
```

```
<!ELEMENT bcp-tagged-frame (#PCDATA)>
```

```
<!ELEMENT bundles-pending (#PCDATA)>
```

```
<!ELEMENT configured-addresses (#PCDATA)>
```

```
<!ELEMENT endpoint-discriminator-class (#PCDATA)>
```

```
<!ELEMENT endpoint-discriminator-identifier (#PCDATA)>
```

```
<!ELEMENT high-address (#PCDATA)>
```

```
<!ELEMENT interface-name (#PCDATA)>
```

```
<!ELEMENT ipcp-address (local-address | remote-address)*>
```

```
<!ELEMENT ipcp-compression-protocol EMPTY>
```

```
<!ELEMENT ipcp-primary-dns (#PCDATA)>
```

```
<!ELEMENT ipcp-primary-wins (#PCDATA)>
```

```
<!ELEMENT ipcp-secondary-dns (#PCDATA)>
```

```

<!ELEMENT ipcp-secondary-wins (#PCDATA)>

<!ELEMENT ipv6cp-interface-identifier (local-interface-identifier |
remote-interface-identifier)*>

<!ELEMENT lcp-address-compression-field-compression EMPTY>

<!ELEMENT lcp-async-map EMPTY>

<!ELEMENT lcp-authentication-protocol (authentication-protocol-name |
authentication-algorithm)*>

<!ELEMENT lcp-endpoint-discriminator (endpoint-discriminator-class |
endpoint-discriminator-identifier)*>

<!ELEMENT lcp-magic-number (#PCDATA)>

<!ELEMENT lcp-mrru (#PCDATA)>

<!ELEMENT lcp-mru (#PCDATA)>

<!ELEMENT lcp-multilink-header (multilink-header-code |
multilink-header-suspendable-classes)*>

<!ELEMENT lcp-protocol-field-compression EMPTY>

<!ELEMENT lcp-short-sequence EMPTY>

<!ELEMENT local-address (#PCDATA)>

<!ELEMENT local-interface-identifier (#PCDATA)>

<!ELEMENT low-address (#PCDATA)>

<!ELEMENT multilink-header-code (#PCDATA)>

<!ELEMENT multilink-header-suspendable-classes (#PCDATA)>

<!ELEMENT pool-address (#PCDATA)>

<!ELEMENT pool-address-assignment (pool-address | session-name |
pool-address-blocked)*>

<!ELEMENT pool-address-blocked EMPTY>

<!ELEMENT pool-address-list (pool-address)*>

<!ELEMENT pool-name (#PCDATA)>

<!ELEMENT pool-range (low-address | high-address)*>

<!ELEMENT ppp-address-pool-information (pool-name | assigned-addresses |
configured-addresses | pool-range | pool-address-list | assigned-address-list)*>

<!ELEMENT ppp-auth-proto (#PCDATA)>

```

```

<!ELEMENT ppp-auth-protocol-information (ppp-state | ppp-last-started |
ppp-last-completed | ppp-auth-proto)*>
<!ATTLIST ppp-auth-protocol-information junos:style CDATA #IMPLIED>

<!ELEMENT ppp-destination-profile (pool-name)*>

<!ELEMENT ppp-interface-information (interface-name | ppp-session)*>
<!ATTLIST ppp-interface-information junos:style CDATA #IMPLIED>

<!ELEMENT ppp-last-completed (#PCDATA)>
<!ATTLIST ppp-last-completed junos:seconds CDATA #IMPLIED>

<!ELEMENT ppp-last-started (#PCDATA)>
<!ATTLIST ppp-last-started junos:seconds CDATA #IMPLIED>

<!ELEMENT ppp-memory-statistics (ppp-memory-tag)*>

<!ELEMENT ppp-memory-tag (ppp-memory-tag-name | ppp-memory-tag-size |
ppp-memory-tag-active | ppp-memory-tag-free | ppp-memory-tag-maximum-free |
ppp-memory-tag-requests | ppp-memory-tag-failures | ppp-memory-tag-total)*>

<!ELEMENT ppp-memory-tag-active (#PCDATA)>

<!ELEMENT ppp-memory-tag-failures (#PCDATA)>

<!ELEMENT ppp-memory-tag-free (#PCDATA)>

<!ELEMENT ppp-memory-tag-maximum-free (#PCDATA)>

<!ELEMENT ppp-memory-tag-name (#PCDATA)>

<!ELEMENT ppp-memory-tag-requests (#PCDATA)>

<!ELEMENT ppp-memory-tag-size (#PCDATA)>

<!ELEMENT ppp-memory-tag-total (#PCDATA)>

<!ELEMENT ppp-negotiated-options (ipcp-address | ipcp-compression-protocol |
ipcp-primary-dns | ipcp-primary-wins | ipcp-secondary-dns | ipcp-secondary-wins |
ipv6cp-interface-identifier | bcp-mac-support | bcp-tagged-frame |
lcp-address-compression-field-compression | lcp-async-map | lcp-authentication-protocol
| lcp-endpoint-discriminator | lcp-magic-number | lcp-mrru | lcp-mru | lcp-multilink-header
| lcp-protocol-field-compression | lcp-short-sequence)*>

<!ELEMENT ppp-protocol (#PCDATA)>

<!ELEMENT ppp-session (session-name | session-type | session-phase | session-flags |
ppp-last-started | ppp-last-completed | ppp-auth-protocol-information |
ppp-session-protocol-information)*>

<!ELEMENT ppp-session-protocol-information (ppp-state | ppp-last-started |
ppp-last-completed | ppp-protocol | ppp-destination-profile | ppp-negotiated-options)*>
<!ATTLIST ppp-session-protocol-information junos:style CDATA #IMPLIED>

<!ELEMENT ppp-session-statistics (sessions-total | sessions-disabled |
sessions-establish | sessions-authenticate | sessions-network | bundles-pending)*>

```

```
<!ELEMENT ppp-state (#PCDATA)>

<!ELEMENT ppp-statistics-information (ppp-session-statistics |
ppp-memory-statistics)*>
<!ATTLIST ppp-statistics-information junos:style CDATA #IMPLIED>

<!ELEMENT ppp-summary-information (ppp-session)*>

<!ELEMENT remote-address (#PCDATA)>

<!ELEMENT remote-interface-identifier (#PCDATA)>

<!ELEMENT session-always-up EMPTY>

<!ELEMENT session-bundled EMPTY>

<!ELEMENT session-flags (session-bundled | session-ncp-only | session-always-up |
session-tcc | session-looped | session-monitored)*>

<!ELEMENT session-looped EMPTY>

<!ELEMENT session-monitored EMPTY>

<!ELEMENT session-name (#PCDATA)>

<!ELEMENT session-ncp-only EMPTY>

<!ELEMENT session-phase (#PCDATA)>

<!ELEMENT session-tcc EMPTY>

<!ELEMENT session-type (#PCDATA)>

<!ELEMENT sessions-authenticate (#PCDATA)>

<!ELEMENT sessions-disabled (#PCDATA)>

<!ELEMENT sessions-establish (#PCDATA)>

<!ELEMENT sessions-network (#PCDATA)>

<!ELEMENT sessions-total (#PCDATA)>
```