

Chapter 34

DTD for J20 GGSN Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-ggsn.dtd`, which lists the JUNOS XML tags that contain J20 gateway GPRS support node (GGSN) information. The associated XML namespace is `http://xml.juniper.net/junos/9.4R1/junos-ggsn`. To review reference pages for the tags, see “Summary of J20 GGSN Response Tags” on page 971.

```
<!-- Copyright (c) 2000-2008, Juniper Networks, Inc. -->
```

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

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

```
<!ELEMENT accounting-failure (#PCDATA)>
```

```
<!ELEMENT activation-bearer-ctrl-accept (#PCDATA)>
```

```
<!ELEMENT activation-bearer-ctrl-downgrade (#PCDATA)>
```

```
<!ELEMENT activation-bearer-ctrl-reject (#PCDATA)>
```

```
<!ELEMENT activation-bearer-ctrl-upgrade (#PCDATA)>
```

```
<!ELEMENT activation-no-bearer-ctrl-accept (#PCDATA)>
```

```
<!ELEMENT activation-no-bearer-ctrl-downgrade (#PCDATA)>
```

```
<!ELEMENT activation-no-bearer-ctrl-reject (#PCDATA)>
```

```
<!ELEMENT active-predifened-charging-rulbases (#PCDATA)>
```

```
<!ELEMENT active-predifened-charging-rules (#PCDATA)>
```

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

```
<!ELEMENT active-time (#PCDATA)>
```

```
<!ELEMENT active-tunnels (#PCDATA)>
```

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

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

```
<!ELEMENT apn-pdp-context-deletion-results (apn-name | user-category |  
interface-pdp-context-deletion-information)*>
```

```
<!ELEMENT apn-statistics (name | pdp-context-statistics | gtp-error-statistics | uplink |
downlink | ggsn-pdp-per-user-category | radius-statistics-information |
rulespace-based-charging-statistics | signalling | tft-filter-count |
neighbor-solicitation-req-received | neighbor-solicitation-req-responded |
router-solicitation-req-received | router-solicitation-req-responded)*>
```

```
<!ELEMENT apn-statistics-information (apn-statistics | sbcc-statistics-information |
service-based-charging-for-gx)*>
```

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

```
<!ELEMENT authorization-discard-information (authorization-discard-statistics)*>
```

```
<!ELEMENT authorization-discard-statistics (service-class-source | packets | bytes)*>
```

```
<!ELEMENT authorization-failure (#PCDATA)>
```

```
<!ELEMENT billing-gateway (address | time-connected)*>
```

```
<!ELEMENT bytes (#PCDATA)>
```

```
<!ELEMENT bytes-ipv6 (#PCDATA)>
```

```
<!ELEMENT call-trace (imsi | msisdn | time-started | nsapi-information)*>
```

```
<!ELEMENT call-trace-information (number-enabled | number-active | call-trace)*>
```

```
<!ELEMENT ccas-authorization-failure (#PCDATA)>
```

```
<!ELEMENT ccas-cc-not-applicable (#PCDATA)>
```

```
<!ELEMENT ccas-identifier (#PCDATA)>
```

```
<!ELEMENT ccas-information (ccas-statistics)*>
```

```
<!ELEMENT ccas-start-request (#PCDATA)>
```

```
<!ELEMENT ccas-start-request-failed (#PCDATA)>
```

```
<!ELEMENT ccas-statistics (ccas-identifier | ccas-start-request |
ccas-start-request-failed | ccas-update-request | ccas-update-request-failed |
ccas-stop-request | ccas-stop-request-failed | ccas-user-service-denied |
ccas-user-unknown | ccas-authorization-failure | ccas-cc-not-applicable)*>
```

```
<!ELEMENT ccas-stop-request (#PCDATA)>
```

```
<!ELEMENT ccas-stop-request-failed (#PCDATA)>
```

```
<!ELEMENT ccas-update-request (#PCDATA)>
```

```
<!ELEMENT ccas-update-request-failed (#PCDATA)>
```

```
<!ELEMENT ccas-user-service-denied (#PCDATA)>
```

```
<!ELEMENT ccas-user-unknown (#PCDATA)>
```

```
<!ELEMENT ccr-identifier (#PCDATA)>
```

```

<!ELEMENT ccr-statistics (ccr-identifier | authorization-failure | authentication-failure |
session-failure)*>

<!ELEMENT charging-identifier (#PCDATA)>

<!ELEMENT charging-statistics-information (encoded-cdrs | failed-encoded-cdrs |
generated-ftp-cdrs | generated-gtpp-cdrs | gtpp-log-cdrs | gtpp-send-attempted-cdrs |
gtpp-send-failed-cdrs)*>

<!ELEMENT control-rx-packets (#PCDATA)>

<!ELEMENT control-tx-packets (#PCDATA)>

<!ELEMENT cpu-id (#PCDATA)>

<!ELEMENT cpu-info (cpu-id | cpu-load)*>

<!ELEMENT cpu-load (#PCDATA)>

<!ELEMENT create-request-received (#PCDATA)>

<!ELEMENT create-response-transmitted (#PCDATA)>

<!ELEMENT created-tunnels (#PCDATA)>

<!ELEMENT credit-start-request-attempted (#PCDATA)>

<!ELEMENT credit-start-request-failed (#PCDATA)>

<!ELEMENT credit-stop-request-attempted (#PCDATA)>

<!ELEMENT credit-stop-request-failed (#PCDATA)>

<!ELEMENT credit-update-request-attempted (#PCDATA)>

<!ELEMENT credit-update-request-failed (#PCDATA)>

<!ELEMENT daemon-name (#PCDATA)>

<!ELEMENT das-identifier (#PCDATA)>

<!ELEMENT das-information (das-statistics)*>

<!ELEMENT das-statistics (das-identifier | request)*>

<!ELEMENT data-record-transfer-statistics (request-transmitted | response-received |
request-accepted | error-no-resources | error-service-unsupported | error-system-failure |
error-invalid-request-format | error-version-unsupported | error-request-unfulfilled |
error-decoding-error | error-already-fulfilled | error-duplicate-packet-fulfilled |
send-data-record-packet)*>

<!ELEMENT data-rx-packets (#PCDATA)>

<!ELEMENT data-tx-packets (#PCDATA)>

<!ELEMENT default-apn-invalid (#PCDATA)>

```

```

<!ELEMENT default-apn-selected (#PCDATA)>

<!ELEMENT delete-request-received (#PCDATA)>

<!ELEMENT delete-request-transmitted (#PCDATA)>

<!ELEMENT delete-response-received (#PCDATA)>

<!ELEMENT delete-response-transmitted (#PCDATA)>

<!ELEMENT destination-port-range (#PCDATA)>

<!ELEMENT diffserv-code-point (#PCDATA)>

<!ELEMENT discard-rx-packets (#PCDATA)>

<!ELEMENT discard-tx-packets (#PCDATA)>

<!ELEMENT discarded-downlink (#PCDATA)>

<!ELEMENT discarded-uplink (#PCDATA)>

<!ELEMENT downlink (packets | packets-ipv6 | bytes | bytes-ipv6 | dropped-packets |
dropped-packets-ipv6 | dropped-bytes | dropped-bytes-ipv6)*>

<!ELEMENT downlink-bitrate (#PCDATA)>

<!ELEMENT downlink-bytes (#PCDATA)>

<!ELEMENT downlink-packets (#PCDATA)>

<!ELEMENT downlink-statistics (#PCDATA)>

<!ELEMENT dropped-bytes (#PCDATA)>

<!ELEMENT dropped-bytes-ipv6 (#PCDATA)>

<!ELEMENT dropped-packets (#PCDATA)>

<!ELEMENT dropped-packets-ipv6 (#PCDATA)>

<!ELEMENT duration-time (#PCDATA)>

<!ELEMENT dynamic-charging-rules (#PCDATA)>

<!ELEMENT echo-request-statistics (request-received | request-transmitted |
response-received | response-transmitted)*>

<!ELEMENT encoded-cdrs (#PCDATA)>

<!ELEMENT error-access-denied (#PCDATA)>

<!ELEMENT error-already-activated (#PCDATA)>

<!ELEMENT error-already-fulfilled (#PCDATA)>

```

<!ELEMENT error-authentication-failed (#PCDATA)>
<!ELEMENT error-decoding-error (#PCDATA)>
<!ELEMENT error-duplicate-packet-fulfilled (#PCDATA)>
<!ELEMENT error-indication-received (#PCDATA)>
<!ELEMENT error-indication-transmitted (#PCDATA)>
<!ELEMENT error-invalid-request-format (#PCDATA)>
<!ELEMENT error-invalid-request-format-when-delete (#PCDATA)>
<!ELEMENT error-invalid-request-format-when-update (#PCDATA)>
<!ELEMENT error-mandatory-ie-invalid (#PCDATA)>
<!ELEMENT error-mandatory-ie-invalid-when-delete (#PCDATA)>
<!ELEMENT error-mandatory-ie-invalid-when-update (#PCDATA)>
<!ELEMENT error-mandatory-ie-missing (#PCDATA)>
<!ELEMENT error-mandatory-ie-missing-when-delete (#PCDATA)>
<!ELEMENT error-mandatory-ie-missing-when-update (#PCDATA)>
<!ELEMENT error-no-dynamic-address-available (#PCDATA)>
<!ELEMENT error-no-memory (#PCDATA)>
<!ELEMENT error-no-resources (#PCDATA)>
<!ELEMENT error-optional-ie-invalid (#PCDATA)>
<!ELEMENT error-optional-ie-invalid-when-delete (#PCDATA)>
<!ELEMENT error-optional-ie-invalid-when-update (#PCDATA)>
<!ELEMENT error-packet-filter-semantic (#PCDATA)>
<!ELEMENT error-packet-filter-semantic-when-update (#PCDATA)>
<!ELEMENT error-packet-filter-syntax (#PCDATA)>
<!ELEMENT error-packet-filter-syntax-when-update (#PCDATA)>
<!ELEMENT error-reference-invalid (#PCDATA)>
<!ELEMENT error-reference-invalid-when-delete (#PCDATA)>
<!ELEMENT error-reference-invalid-when-update (#PCDATA)>
<!ELEMENT error-request-unfulfilled (#PCDATA)>
<!ELEMENT error-service-unsupported (#PCDATA)>

```

<!ELEMENT error-system-failure (#PCDATA)>

<!ELEMENT error-system-failure-when-update (#PCDATA)>

<!ELEMENT error-tft-error-semantic (#PCDATA)>

<!ELEMENT error-tft-error-semantic-when-update (#PCDATA)>

<!ELEMENT error-tft-error-syntax (#PCDATA)>

<!ELEMENT error-tft-error-syntax-when-update (#PCDATA)>

<!ELEMENT error-unknown-apn (#PCDATA)>

<!ELEMENT error-unknown-pdp-address-or-type (#PCDATA)>

<!ELEMENT error-version-unsupported (#PCDATA)>

<!ELEMENT evaluation-precedence (#PCDATA)>

<!ELEMENT external-address (#PCDATA)>

<!ELEMENT external-credit-update (#PCDATA)>

<!ELEMENT external-credit-update-no-match (#PCDATA)>

<!ELEMENT external-prs-update (#PCDATA)>

<!ELEMENT external-prs-update-no-match (#PCDATA)>

<!ELEMENT external-update-failed (#PCDATA)>

<!ELEMENT failed-encoded-cdrs (#PCDATA)>

<!ELEMENT flow-label (#PCDATA)>

<!ELEMENT gate-discarded-downlink (#PCDATA)>

<!ELEMENT gate-discarded-uplink (#PCDATA)>

<!ELEMENT generated-ftp-cdrs (#PCDATA)>

<!ELEMENT generated-gtpp-cdrs (#PCDATA)>

<!ELEMENT ggsn-interface (service-interface | weighted-pdp-context-load-in-payload |
weighted-pdp-context-load-in-control | external-address | internal-address |
operating-function | hardware-version | software-version | pdp | resources | tft-statistics |
time-started | sbcc-statistics-information)*>

<!ELEMENT ggsn-interface-information (ggsn-interface)*>

<!ELEMENT ggsn-pdp-per-user-category (user-category-line)*>

```

```

<!ELEMENT ggsn-statistics (time-started | pdp-context-statistics |
interface-pdp-context-statistics-information | subscriber-count | uplink | downlink |
tft-filter-count | wlan-pdp-context-activation-procedures | wlan-processed-uplink-bytes |
wlan-dropped-uplink-packets | wlan-processed-uplink-packets |
wlan-completed-pdp-context-activations | wlan-active-pdp-contexts |
wlan-processed-downlink-bytes | wlan-dropped-downlink-packets |
wlan-processed-downlink-packets | weighted-pdp-context-load |
sbcc-statistics-information | charging-statistics-information |
radius-statistics-information)*>

<!ELEMENT gi-diffserv-code-point (#PCDATA)>

<!ELEMENT gn-diffserv-code-point (#PCDATA)>

<!ELEMENT gtp-error-statistics (request-accepted | error-indication-received |
error-indication-transmitted | error-version-unsupported | error-invalid-request-format |
error-invalid-request-format-when-update | error-invalid-request-format-when-delete |
error-no-resources | error-no-dynamic-address-available | error-no-memory |
error-unknown-apn | error-unknown-pdp-address-or-type | error-authentication-failed |
error-system-failure | error-system-failure-when-update | error-tft-error-semantic |
error-tft-error-semantic-when-update | error-tft-error-syntax |
error-tft-error-syntax-when-update | error-packet-filter-semantic |
error-packet-filter-semantic-when-update | error-packet-filter-syntax |
error-packet-filter-syntax-when-update | error-mandatory-ie-missing |
error-mandatory-ie-missing-when-update | error-mandatory-ie-missing-when-delete |
error-mandatory-ie-invalid | error-mandatory-ie-invalid-when-update |
error-mandatory-ie-invalid-when-delete | error-optional-ie-invalid |
error-optional-ie-invalid-when-update | error-optional-ie-invalid-when-delete |
error-reference-invalid | error-reference-invalid-when-update |
error-reference-invalid-when-delete | error-service-unsupported | error-already-activated |
error-access-denied)*>

<!ELEMENT gtp-prime-error-statistics (error-mandatory-ie-missing |
error-mandatory-ie-invalid | error-optional-ie-invalid | error-reference-invalid)*>

<!ELEMENT gtp-prime-statistics (service-interface | echo-request-statistics |
version-unsupported-statistics | node-alive-request-statistics |
redirection-request-statistics | data-record-transfer-statistics |
gtp-prime-error-statistics)*>

<!ELEMENT gtp-prime-statistics-information (billing-gateway | gtp-prime-statistics)*>

<!ELEMENT gtp-statistics (service-interface | uplink-packets | uplink-bytes |
downlink-packets | downlink-bytes | dropped-packets | active-tunnels | created-tunnels |
echo-request-statistics | version-unsupported-statistics | pdp-request-statistics |
gtp-error-statistics)*>

<!ELEMENT gtp-statistics-information (gtp-statistics)*>

<!ELEMENT gtp-log-cdrs (#PCDATA)>

<!ELEMENT gtp-send-attempted-cdrs (#PCDATA)>

<!ELEMENT gtp-send-failed-cdrs (#PCDATA)>

<!ELEMENT hardware-version (#PCDATA)>

```

```

<!ELEMENT ims-dedicated-completed-activation (#PCDATA)>

<!ELEMENT ims-dedicated-failed-activation (#PCDATA)>

<!ELEMENT ims-general-active-failed-activation (#PCDATA)>

<!ELEMENT ims-general-completed-activation (#PCDATA)>

<!ELEMENT ims-general-failed-activation (#PCDATA)>

<!ELEMENT ims-signalling-packets-drops (#PCDATA)>

<!ELEMENT imsi (#PCDATA)>

<!ELEMENT incoming (packets | bytes)*>

<!ELEMENT inspection-information (packet-inspection)*>

<!ELEMENT interface-action (#PCDATA)>

<!ELEMENT interface-action-results (interface-action | service-interface |
daemon-name)*>

<!ELEMENT interface-pdp-context-deletion (pdp-deleted | service-interface)*>

<!ELEMENT interface-pdp-context-deletion-information
(interface-pdp-context-deletion)*>

<!ELEMENT interface-pdp-context-statistics (service-interface | pdp-context-statistics)*>

<!ELEMENT interface-pdp-context-statistics-information
(interface-pdp-context-statistics)*>

<!ELEMENT internal-address (#PCDATA)>

<!ELEMENT l2tp-tunnel-packet-statistics (control-tx-packets | control-rx-packets |
data-tx-packets | data-rx-packets | discard-tx-packets | discard-rx-packets)*>

<!ELEMENT l2tp-tunnel-statistics (local-tid | remote-tid | local-ip | remote-ip |
active-sessions | l2tp-tunnel-packet-statistics)*>

<!ELEMENT l2tp-tunnel-statistics-information (l2tp-tunnel-statistics)*>

<!ELEMENT local-ip (#PCDATA)>

<!ELEMENT local-tid (#PCDATA)>

<!ELEMENT logical-apn-statistics (name | pdp-attempted-activation | pdp-blocked |
default-apn-selected | default-apn-invalid | username-based-apn-selected |
username-based-apn-invalid)*>

<!ELEMENT logical-apn-statistics-information (logical-apn-statistics)*>

<!ELEMENT maximum-tft-filter-depth (#PCDATA)>

<!ELEMENT mean-tft-filter-depth (#PCDATA)>

```



```

<!ELEMENT memory-total (#PCDATA)>

<!ELEMENT memory-used (#PCDATA)>

<!ELEMENT mobile-user (imsi | msisdn | pdp-context-information)*>

<!ELEMENT mobile-user-information (mobile-user)*>

<!ELEMENT modification-bearer-ctrl-accept (#PCDATA)>

<!ELEMENT modification-bearer-ctrl-deactivate (#PCDATA)>

<!ELEMENT modification-bearer-ctrl-downgrade (#PCDATA)>

<!ELEMENT modification-bearer-ctrl-upgrade (#PCDATA)>

<!ELEMENT modification-no-bearer-ctrl-accept (#PCDATA)>

<!ELEMENT modification-no-bearer-ctrl-deactivate (#PCDATA)>

<!ELEMENT modification-no-bearer-ctrl-downgrade (#PCDATA)>

<!ELEMENT msisdn (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT neighbor-solicitation-req-received (#PCDATA)>

<!ELEMENT neighbor-solicitation-req-responded (#PCDATA)>

<!ELEMENT node-action (#PCDATA)>

<!ELEMENT node-action-results (node-action)*>

<!ELEMENT node-alive-request-statistics (request-received | request-transmitted |
response-received | response-transmitted)*>

<!ELEMENT nsapi (#PCDATA)>

<!ELEMENT nsapi-information (nsapi)*>

<!ELEMENT nsapi-linked (#PCDATA)>

<!ELEMENT number-active (#PCDATA)>

<!ELEMENT number-enabled (#PCDATA)>

<!ELEMENT operating-function (#PCDATA)>

<!ELEMENT outgoing (packets | bytes)*>

<!ELEMENT packet-filter (evaluation-precedence | source-address | source-mask |
source-port-range | destination-port-range | diffserv-code-point | flow-label | spi |
protocol)*>

<!ELEMENT packet-filter-information (packet-filter)*>

```

```
<!ELEMENT packet-inspection (#PCDATA)>
<!ELEMENT packets (#PCDATA)>
<!ELEMENT packets-ipv6 (#PCDATA)>
<!ELEMENT pdp (pdp-state | pdp-assigned | pdp-capacity)*>
<!ELEMENT pdp-active (#PCDATA)>
<!ELEMENT pdp-active-background (#PCDATA)>
<!ELEMENT pdp-active-conversational (#PCDATA)>
<!ELEMENT pdp-active-imsi (#PCDATA)>
<!ELEMENT pdp-active-interactive (#PCDATA)>
<!ELEMENT pdp-active-ipv6 (#PCDATA)>
<!ELEMENT pdp-active-l2tp-sessions (#PCDATA)>
<!ELEMENT pdp-active-l2tp-tunnels (#PCDATA)>
<!ELEMENT pdp-active-msisdn (#PCDATA)>
<!ELEMENT pdp-active-streaming (#PCDATA)>
<!ELEMENT pdp-apn-by-logical-apn-default (#PCDATA)>
<!ELEMENT pdp-apn-by-logical-apn-selection (#PCDATA)>
<!ELEMENT pdp-assigned (#PCDATA)>
<!ELEMENT pdp-assigned-msisdn (#PCDATA)>
<!ELEMENT pdp-assigned-shared-msisdn (#PCDATA)>
<!ELEMENT pdp-attempted-activation (#PCDATA)>
<!ELEMENT pdp-attempted-activation-dhcp (#PCDATA)>
<!ELEMENT pdp-attempted-activation-dynamic (#PCDATA)>
<!ELEMENT pdp-attempted-activation-ipv6 (#PCDATA)>
<!ELEMENT pdp-attempted-activation-local-pool (#PCDATA)>
<!ELEMENT pdp-attempted-activation-radius (#PCDATA)>
<!ELEMENT pdp-attempted-authentication-activation (#PCDATA)>
<!ELEMENT pdp-attempted-deactivation (#PCDATA)>
<!ELEMENT pdp-attempted-mobile-activation (#PCDATA)>
<!ELEMENT pdp-attempted-mobile-deactivation (#PCDATA)>
```

```

<!ELEMENT pdp-attempted-mobile-sgsn-update (#PCDATA)>
<!ELEMENT pdp-attempted-node-deactivation (#PCDATA)>
<!ELEMENT pdp-blocked (#PCDATA)>
<!ELEMENT pdp-capacity (#PCDATA)>
<!ELEMENT pdp-completed-activation (#PCDATA)>
<!ELEMENT pdp-completed-activation-dhcp (#PCDATA)>
<!ELEMENT pdp-completed-activation-dynamic (#PCDATA)>
<!ELEMENT pdp-completed-activation-ipv6 (#PCDATA)>
<!ELEMENT pdp-completed-activation-local-pool (#PCDATA)>
<!ELEMENT pdp-completed-activation-radius (#PCDATA)>
<!ELEMENT pdp-completed-authentication-activation (#PCDATA)>
<!ELEMENT pdp-completed-deactivation (#PCDATA)>
<!ELEMENT pdp-completed-idle-deactivation (#PCDATA)>
<!ELEMENT pdp-completed-mobile-activation (#PCDATA)>
<!ELEMENT pdp-completed-mobile-deactivation (#PCDATA)>
<!ELEMENT pdp-completed-mobile-sgsn-update (#PCDATA)>
<!ELEMENT pdp-completed-node-deactivation (#PCDATA)>
<!ELEMENT pdp-completed-session-deactivation (#PCDATA)>
<!ELEMENT pdp-context (nsapi | nsapi-linked | apn-name | sgsn-address | address |
charging-identifier | quality-of-service | traffic-flow-template-information)*>
<!ELEMENT pdp-context-deletion-results (mobile-user)*>
<!ELEMENT pdp-context-information (pdp-context)*>

```

```

<!ELEMENT pdp-context-statistics (pdp-active | pdp-active-conversational |
pdp-active-streaming | pdp-active-interactive | pdp-active-background | pdp-active-ipv6 |
pdp-active-imsi | pdp-active-msisdn | pdp-blocked | pdp-apn-by-logical-apn-selection |
pdp-apn-by-logical-apn-default | pdp-assigned-msisdn | pdp-assigned-shared-msisdn |
pdp-attempted-activation | pdp-attempted-activation-ipv6 | pdp-completed-activation |
pdp-completed-activation-ipv6 | pdp-attempted-activation-dhcp |
pdp-completed-activation-dhcp | pdp-attempted-activation-radius |
pdp-completed-activation-radius | pdp-attempted-activation-local-pool |
pdp-completed-activation-local-pool | pdp-attempted-activation-dynamic |
pdp-completed-activation-dynamic | pdp-attempted-mobile-activation |
pdp-completed-mobile-activation | pdp-attempted-deactivation |
pdp-completed-deactivation | pdp-attempted-node-deactivation |
pdp-completed-node-deactivation | pdp-completed-idle-deactivation |
pdp-completed-session-deactivation | pdp-attempted-mobile-deactivation |
pdp-completed-mobile-deactivation | pdp-attempted-authentication-activation |
pdp-completed-authentication-activation | pdp-attempted-mobile-sgsn-update |
pdp-completed-mobile-sgsn-update | pdp-created | pdp-created-ipv6 | pdp-create-failed |
pdp-create-failed-ipv6 | pdp-secondary-created | pdp-secondary-created-ipv6 |
pdp-secondary-create-failed | pdp-secondary-attempted-ipv6 |
pdp-secondary-completed-ipv6 | pdp-last-create | pdp-secondary-create-failed-ipv6 |
pdp-updates | pdp-update-failed | pdp-deleted | pdp-deleted-by-idle-supervision |
pdp-deleted-by-session-supervision | pdp-deleted-by-command | pdp-deleted-by-failure |
pdp-delete-failed | pdp-last-delete | pdp-successful-deactivations |
pdp-failed-deactivations | pdp-maximum | pdp-minimum | pdp-mean |
pdp-active-l2tp-tunnels | pdp-active-l2tp-sessions | pdp-maximum-active-l2tp-tunnels |
pdp-maximum-active-l2tp-sessions | ims-dedicated-completed-activation |
ims-dedicated-failed-activation | ims-general-completed-activation |
ims-general-failed-activation | ims-general-active-failed-activation |
ims-signalling-packets-drops)*>

```

```

<!ELEMENT pdp-create-failed (#PCDATA)>

```

```

<!ELEMENT pdp-create-failed-ipv6 (#PCDATA)>

```

```

<!ELEMENT pdp-created (#PCDATA)>

```

```

<!ELEMENT pdp-created-ipv6 (#PCDATA)>

```

```

<!ELEMENT pdp-delete-failed (#PCDATA)>

```

```

<!ELEMENT pdp-deleted (#PCDATA)>

```

```

<!ELEMENT pdp-deleted-by-command (#PCDATA)>

```

```

<!ELEMENT pdp-deleted-by-failure (#PCDATA)>

```

```

<!ELEMENT pdp-deleted-by-idle-supervision (#PCDATA)>

```

```

<!ELEMENT pdp-deleted-by-session-supervision (#PCDATA)>

```

```

<!ELEMENT pdp-diagnostics-per-apn (pdp-id)*>

```

```

<!ELEMENT pdp-failed-deactivations (#PCDATA)>

```

```

<!ELEMENT pdp-id (#PCDATA)>

```

```

<!ELEMENT pdp-initiated-deactivation (#PCDATA)>

```

```

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

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

<!ELEMENT pdp-maximum (#PCDATA)>

<!ELEMENT pdp-maximum-active-l2tp-sessions (#PCDATA)>

<!ELEMENT pdp-maximum-active-l2tp-tunnels (#PCDATA)>

<!ELEMENT pdp-mean (#PCDATA)>

<!ELEMENT pdp-minimum (#PCDATA)>

<!ELEMENT pdp-request-statistics (create-request-received |
create-response-transmitted | update-request-received | update-request-transmitted |
update-response-received | update-response-transmitted | delete-request-received |
delete-request-transmitted | delete-response-received | delete-response-transmitted)*>

<!ELEMENT pdp-secondary-attempted-ipv6 (#PCDATA)>

<!ELEMENT pdp-secondary-completed-ipv6 (#PCDATA)>

<!ELEMENT pdp-secondary-create-failed (#PCDATA)>

<!ELEMENT pdp-secondary-create-failed-ipv6 (#PCDATA)>

<!ELEMENT pdp-secondary-created (#PCDATA)>

<!ELEMENT pdp-secondary-created-ipv6 (#PCDATA)>

<!ELEMENT pdp-state (#PCDATA)>

<!ELEMENT pdp-successful-deactivations (#PCDATA)>

<!ELEMENT pdp-update-failed (#PCDATA)>

<!ELEMENT pdp-updates (#PCDATA)>

<!ELEMENT pras-identifier (#PCDATA)>

<!ELEMENT pras-information (pras-statistics)*>

<!ELEMENT pras-start-request (#PCDATA)>

<!ELEMENT pras-start-request-failed (#PCDATA)>

<!ELEMENT pras-statistics (pras-identifier | pras-start-request | pras-start-request-failed
| pras-update-request | pras-update-request-failed | pras-stop-request |
pras-stop-request-failed | pras-user-service-denied | pras-user-unknown)*>

<!ELEMENT pras-stop-request (#PCDATA)>

<!ELEMENT pras-stop-request-failed (#PCDATA)>

```

```

<!ELEMENT pras-update-request (#PCDATA)>

<!ELEMENT pras-update-request-failed (#PCDATA)>

<!ELEMENT pras-user-service-denied (#PCDATA)>

<!ELEMENT pras-user-unknown (#PCDATA)>

<!ELEMENT prepaid-context (#PCDATA)>

<!ELEMENT prepaid-pdp-creates-attempted (#PCDATA)>

<!ELEMENT prepaid-pdp-creates-failed (#PCDATA)>

<!ELEMENT prepaid-request (#PCDATA)>

<!ELEMENT prepaid-user (#PCDATA)>

<!ELEMENT protocol (#PCDATA)>

<!ELEMENT quality-of-service (gi-diffserv-code-point | gn-diffserv-code-point |
downlink-bitrate)*>

<!ELEMENT radius-authentication-failure (#PCDATA)>

<!ELEMENT radius-statistics-information (radius-authentication-failure |
accounting-failure)*>

<!ELEMENT rate-group-identifier (#PCDATA)>

<!ELEMENT rate-group-information (rate-group-statistics)*>

<!ELEMENT rate-group-statistics (rate-group-identifier | transactions-start |
transactions-success)*>

<!ELEMENT rating-initial-request-attempted (#PCDATA)>

<!ELEMENT rating-initial-request-failed (#PCDATA)>

<!ELEMENT rating-request (#PCDATA)>

<!ELEMENT rating-update-request-attempted (#PCDATA)>

<!ELEMENT rating-update-request-failed (#PCDATA)>

<!ELEMENT redirection-request-statistics (request-received | request-transmitted |
response-received | response-transmitted)*>

<!ELEMENT remote-ip (#PCDATA)>

<!ELEMENT remote-tid (#PCDATA)>

<!ELEMENT request (#PCDATA)>

<!ELEMENT request-accepted (#PCDATA)>

```

```

<!ELEMENT request-received (#PCDATA)>

<!ELEMENT request-transmitted (#PCDATA)>

<!ELEMENT resources (cpu-info | memory-total | memory-used)*>

<!ELEMENT response-received (#PCDATA)>

<!ELEMENT response-transmitted (#PCDATA)>

<!ELEMENT router-solicitation-req-received (#PCDATA)>

<!ELEMENT router-solicitation-req-responded (#PCDATA)>

<!ELEMENT rs-identifier (#PCDATA)>

<!ELEMENT rs-statistics (rs-identifier | uplink-statistics | downlink-statistics |
service-instances | discarded-uplink | discarded-downlink | gate-discarded-uplink |
gate-discarded-downlink)*>

<!ELEMENT rulespace-based-charging-statistics (rs-statistics)*>

<!ELEMENT sbcc-statistics-information (prepaid-request | rating-request | prepaid-user |
prepaid-context | prepaid-pdp-creates-attempted | prepaid-pdp-creates-failed |
pdp-initiated-deactivation | credit-start-request-attempted | credit-start-request-failed |
rating-initial-request-attempted | rating-initial-request-failed |
rating-update-request-attempted | rating-update-request-failed |
credit-update-request-attempted | credit-update-request-failed |
credit-stop-request-attempted | credit-stop-request-failed | external-prs-update |
external-prs-update-no-match | external-credit-update | external-credit-update-no-match |
external-update-failed | duration-time | activation-bearer-ctrl-accept |
activation-bearer-ctrl-reject | activation-bearer-ctrl-upgrade |
activation-bearer-ctrl-downgrade | modification-bearer-ctrl-accept |
modification-bearer-ctrl-deactivate | modification-bearer-ctrl-upgrade |
modification-bearer-ctrl-downgrade | activation-no-bearer-ctrl-accept |
activation-no-bearer-ctrl-reject | activation-no-bearer-ctrl-downgrade |
modification-no-bearer-ctrl-accept | modification-no-bearer-ctrl-deactivate |
modification-no-bearer-ctrl-downgrade | das-information | pras-information |
ccas-information | service-class-information | service-identifier-information |
rate-group-information | authorization-discard-information)*>

<!ELEMENT send-data-record-packet (#PCDATA)>

<!ELEMENT service-based-charging-for-gx (ccr-statistics | dynamic-charging-rules |
active-predifened-charging-rules | active-predifened-charging-rulbases)*>

<!ELEMENT service-class-identifier (#PCDATA)>

<!ELEMENT service-class-information (service-class-statistics)*>

<!ELEMENT service-class-source (#PCDATA)>

<!ELEMENT service-class-statistics (service-class-identifier | uplink-bytes |
downlink-bytes | active-time)*>

<!ELEMENT service-id-identifier (#PCDATA)>

```

```

<!ELEMENT service-id-information (service-id-statistics)*>

<!ELEMENT service-id-statistics (service-id-identifier | uplink-bytes | downlink-bytes |
transactions-charged | transactions-failed | transactions-start |
transactions-success)*>

<!ELEMENT service-identifier-information (#PCDATA)>

<!ELEMENT service-instances (#PCDATA)>

<!ELEMENT service-interface (#PCDATA)>

<!ELEMENT session-failure (#PCDATA)>

<!ELEMENT sgsn-address (#PCDATA)>

<!ELEMENT sgsn-statistics (address | pdp-context-statistics | uplink | downlink |
gtp-error-statistics)*>

<!ELEMENT sgsn-statistics-information (sgsn-statistics)*>

<!ELEMENT signalling (incoming | outgoing)*>

<!ELEMENT software-action-message (#PCDATA)>

<!ELEMENT software-action-results (software-action-message)*>

<!ELEMENT software-version (#PCDATA)>

<!ELEMENT source-address (#PCDATA)>

<!ELEMENT source-mask (#PCDATA)>

<!ELEMENT source-port-range (#PCDATA)>

<!ELEMENT spi (#PCDATA)>

<!ELEMENT subscriber-count (#PCDATA)>

<!ELEMENT tft-filter-count (#PCDATA)>

<!ELEMENT tft-statistics (maximum-tft-filter-depth | mean-tft-filter-depth)*>

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

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

<!ELEMENT traffic-flow-template (packet-filter-information)*>

<!ELEMENT traffic-flow-template-information (traffic-flow-template)*>

<!ELEMENT transactions-charged (#PCDATA)>

<!ELEMENT transactions-failed (#PCDATA)>

```



```

<!ELEMENT transactions-start (#PCDATA)>

<!ELEMENT transactions-success (#PCDATA)>

<!ELEMENT update-request-received (#PCDATA)>

<!ELEMENT update-request-transmitted (#PCDATA)>

<!ELEMENT update-response-received (#PCDATA)>

<!ELEMENT update-response-transmitted (#PCDATA)>

<!ELEMENT uplink (packets | packets-ipv6 | bytes | bytes-ipv6 | dropped-packets |
dropped-packets-ipv6 | dropped-bytes | dropped-bytes-ipv6)*>

<!ELEMENT uplink-bytes (#PCDATA)>

<!ELEMENT uplink-packets (#PCDATA)>

<!ELEMENT uplink-statistics (#PCDATA)>

<!ELEMENT user-category (#PCDATA)>

<!ELEMENT user-category-line (user-category | pdp-active)*>

<!ELEMENT username-based-apn-invalid (#PCDATA)>

<!ELEMENT username-based-apn-selected (#PCDATA)>

<!ELEMENT version-unsupported-received (#PCDATA)>

<!ELEMENT version-unsupported-statistics (version-unsupported-received |
version-unsupported-transmitted)*>

<!ELEMENT version-unsupported-transmitted (#PCDATA)>

<!ELEMENT weighted-pdp-context-load (weighted-pdp-context-load-in-control |
weighted-pdp-context-load-in-payload)*>

<!ELEMENT weighted-pdp-context-load-in-control (#PCDATA)>

<!ELEMENT weighted-pdp-context-load-in-payload (#PCDATA)>

<!ELEMENT wlan-active-pdp-contexts (#PCDATA)>

<!ELEMENT wlan-completed-pdp-context-activations (#PCDATA)>

<!ELEMENT wlan-dropped-downlink-packets (#PCDATA)>

<!ELEMENT wlan-dropped-uplink-packets (#PCDATA)>

<!ELEMENT wlan-pdp-context-activation-procedures (#PCDATA)>

<!ELEMENT wlan-processed-downlink-bytes (#PCDATA)>

```

<!ELEMENT wlan-processed-downlink-packets (#PCDATA)>

<!ELEMENT wlan-processed-uplink-bytes (#PCDATA)>

<!ELEMENT wlan-processed-uplink-packets (#PCDATA)>