

## Chapter 15

# DTD for Chassis Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-chassis.dtd`, which lists the JUNOS XML tags that contain information about the routing platform chassis. The associated XML namespace is `http://xml.juniper.net/junos/9.4R1/junos-chassis`. To review reference pages for the tags, see “Summary of Chassis Response Tags” on page 535.

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<!-- Copyright (c) 2000-2008, Juniper Networks, Inc. -->
<!-- All rights reserved. -->
<!-- junos-chassis.dtd -->

<!ELEMENT ac-input (#PCDATA)>

<!ELEMENT activate-count (#PCDATA)>

<!ELEMENT active-led EMPTY>

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

<!ELEMENT actual-voltage (#PCDATA)>

<!ELEMENT address (#PCDATA)>

<!ELEMENT alarm-indicators (red-led | yellow-led | major-alarm-relay |
minor-alarm-relay)*>

<!ELEMENT altitude (#PCDATA)>
<!ATTLIST altitude junos:format CDATA #IMPLIED>

<!ELEMENT amber-led EMPTY>

<!ELEMENT asic-information (#PCDATA)>

<!ELEMENT asic-name (#PCDATA)>

<!ELEMENT asic-type (#PCDATA)>

<!ELEMENT assembly-flags (#PCDATA)>

<!ELEMENT assembly-identifier (#PCDATA)>

<!ELEMENT assembly-version (#PCDATA)>

<!ELEMENT automatic-switching (#PCDATA)>

<!ELEMENT bad-fan-red-alarm (#PCDATA)>
<!ATTLIST bad-fan-red-alarm junos:celsius CDATA #IMPLIED>

<!ELEMENT bad-fan-yellow-alarm (#PCDATA)>
<!ATTLIST bad-fan-yellow-alarm junos:celsius CDATA #IMPLIED>

<!ELEMENT bios-date (#PCDATA)>

<!ELEMENT bios-id (#PCDATA)>

<!ELEMENT bios-version (#PCDATA)>

<!ELEMENT blue-led EMPTY>

<!ELEMENT board-information-record (#PCDATA)>

<!ELEMENT building (#PCDATA)>
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<!ELEMENT bus-revision (#PCDATA)>

<!ELEMENT cable-type (#PCDATA)>

<!ELEMENT cb (slot | amber-led | green-led | blue-led)*>

<!ELEMENT cb-panel (cb)*>

<!ELEMENT cb-slot (#PCDATA)>

<!ELEMENT chassis (hardware-incomplete | name | version | part-number |
serial-number | model-number | clei-code | description | i2c-information |
chassis-module)*>
<!ATTLIST chassis junos:style CDATA #IMPLIED>

<!ELEMENT chassis-inventory (chassis)*>

<!ELEMENT chassis-location (chassis-location-information)*>

<!ELEMENT chassis-location-fpc (chassis-location-fpc-information)*>

<!ELEMENT chassis-location-fpc-information (global-fpc-number | lcc-number |
local-fpc-number)*>

<!ELEMENT chassis-location-information (country-code | postal-code | npa-nxx | latitude
| longitude | altitude | lata | vcoord | hcoord | building | floor | rack)*>

<!ELEMENT chassis-module (name | version | part-number | serial-number |
model-number | clei-code | description | i2c-information | firmware | chassis-sub-module
| chassis-re-disk-module | chassis-re-usb-module)*>

<!ELEMENT chassis-re-disk-module (name | model | serial-number | disk-size |
description)*>

<!ELEMENT chassis-re-usb-module (name | product | product-number | vendor |
description)*>

<!ELEMENT chassis-sub-module (name | version | part-number | serial-number |
model-number | clei-code | description | i2c-information | firmware |
chassis-sub-sub-module)*>

<!ELEMENT chassis-sub-sub-module (name | version | part-number | serial-number |
model-number | clei-code | description)*>

<!ELEMENT chassisd-database-memory-usage (database-memory-usage)*>

<!ELEMENT class (#PCDATA)>

<!ELEMENT clei-code (#PCDATA)>

<!ELEMENT clock-fru (#PCDATA)>

<!ELEMENT clock-state (#PCDATA)>

<!ELEMENT clock-synchronization (clock-fru | mastership-state | signal-type |
switching-mode | line-termination | transmit | validation-interval | automatic-switching |
marked-as-failed-source-list | synchronization-source-list)*>

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<!ELEMENT clock-synchronization-information (clock-synchronization)*>

<!ELEMENT cmb-revision (#PCDATA)>

<!ELEMENT comment (#PCDATA)>

<!ELEMENT configured-mode (#PCDATA)>

<!ELEMENT configured-source (source-priority | source-name | deviation | last-deviation
| status)*>

<!ELEMENT configured-source-list (configured-source)*>

<!ELEMENT connected-fpcs (#PCDATA)>
<!--ATTLIST connected-fpcs junos:format CDATA #IMPLIED-->

<!ELEMENT connectivity-led0 (#PCDATA)>

<!ELEMENT connectivity-led1 (#PCDATA)>

<!ELEMENT connectivity-led2 (#PCDATA)>

<!ELEMENT connectivity-led3 (#PCDATA)>

<!ELEMENT connectivity-led4 (#PCDATA)>

<!ELEMENT connectivity-led5 (#PCDATA)>

<!ELEMENT control-plane-cpu-count (#PCDATA)>

<!ELEMENT controller-guardband (#PCDATA)>

<!ELEMENT controller-information (controller-number | controller-maxpower |
controller-power | controller-guardband | controller-management)*>

<!ELEMENT controller-management (#PCDATA)>

<!ELEMENT controller-maxpower (#PCDATA)>

<!ELEMENT controller-number (#PCDATA)>

<!ELEMENT controller-power (#PCDATA)>

<!ELEMENT country-code (#PCDATA)>

<!ELEMENT cpu-background (#PCDATA)>

<!ELEMENT cpu-idle (#PCDATA)>

<!ELEMENT cpu-interrupt (#PCDATA)>

<!ELEMENT cpu-less-info-str (#PCDATA)>

<!ELEMENT cpu-real-time (#PCDATA)>

<!ELEMENT cpu-rom-version (#PCDATA)>

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<!ELEMENT cpu-sw-version (#PCDATA)>

<!ELEMENT cpu-system (#PCDATA)>

<!ELEMENT cpu-temperature (#PCDATA)>

<!ELEMENT cpu-total (#PCDATA)>

<!ELEMENT cpu-total-rt (#PCDATA)>

<!ELEMENT cpu-total-ukern (#PCDATA)>

<!ELEMENT cpu-user (#PCDATA)>

<!ELEMENT craft-information (front-panel | mcs-panel | sfm-panel | pcg-panel | cb-panel |
sib-panel | scg-panel | feb-panel | power-supply-panel | fan-tray-panel | output)*>

<!ELEMENT current-source (clock-state | up-time | active-time | deviation |
last-deviation)*>

<!ELEMENT data (#PCDATA)>

<!ELEMENT data-plane-cpu-count (#PCDATA)>

<!ELEMENT database-allocated-size (#PCDATA)>

<!ELEMENT database-free-size (#PCDATA)>

<!ELEMENT database-memory-usage (database-size | database-allocated-size |
database-free-size)*>

<!ELEMENT database-size (#PCDATA)>

<!ELEMENT dc-current (#PCDATA)>

<!ELEMENT dc-detail (dc-device | dc-voltage | dc-current | dc-power | dc-load)*>

<!ELEMENT dc-device (#PCDATA)>

<!ELEMENT dc-information (dc-input | dc-output | dc-detail)*>

<!ELEMENT dc-input (#PCDATA)>

<!ELEMENT dc-load (#PCDATA)>

<!ELEMENT dc-output (#PCDATA)>

<!ELEMENT dc-power (#PCDATA)>

<!ELEMENT dc-voltage (#PCDATA)>

<!ELEMENT description (#PCDATA)>

<!ELEMENT deviation (#PCDATA)>

<!ELEMENT disk-size (#PCDATA)>

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<!ELEMENT display-line (#PCDATA)>

<!ELEMENT display-panel (display-line)*>

<!ELEMENT eeprom-version (#PCDATA)>

<!ELEMENT environment-component-information (environment-component-item)*>

<!ELEMENT environment-component-item (name | state | temperature-reading |
bus-revision | cmb-revision | fpga-revision | fpga-revision-detail | slave-revision | reason |
revision | slave-registers-information | fpga-registers | power-information | frequency |
pcg-frequency | dc-information | load | ac-input)*>

<!ELEMENT environment-information (environment-item)*>

<!ELEMENT environment-item (class | name | status | temperature | comment)*>

<!ELEMENT error-code (#PCDATA)>

<!ELEMENT exhaust-a-temperature (#PCDATA)>

<!ELEMENT exhaust-b-temperature (#PCDATA)>

<!ELEMENT exhaust-temperature (#PCDATA)>

<!ELEMENT fabric-plane-number (#PCDATA)>

<!ELEMENT fabric-plane-status (#PCDATA)>

<!ELEMENT fail-led EMPTY>

<!ELEMENT failover-count (#PCDATA)>

<!ELEMENT fan-high-speed (#PCDATA)>
<!ATTLIST fan-high-speed junos:celsius CDATA #IMPLIED>

<!ELEMENT fan-information (name | status | rpm | comment | fan-information-item)*>

<!ELEMENT fan-information-item (#PCDATA)>

<!ELEMENT fan-normal-speed (#PCDATA)>
<!ATTLIST fan-normal-speed junos:celsius CDATA #IMPLIED>

<!ELEMENT fan-tray (slot | red-led | green-led)*>

<!ELEMENT fan-tray-panel (fan-tray)*>

<!ELEMENT fchip-id (#PCDATA)>

<!ELEMENT feb (slot | ok-led | fail-led | active-led)*>

<!ELEMENT feb-active-led (#PCDATA)>

<!ELEMENT feb-fail-led (#PCDATA)>

<!ELEMENT feb-harderror-state (#PCDATA)>

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<!ELEMENT feb-led (feb-slot | feb-state | feb-ok-led | feb-fail-led | feb-active-led |
connectivity-led0 | connectivity-led1 | connectivity-led2 | connectivity-led3 |
connectivity-led4 | connectivity-led5)*>

<!ELEMENT feb-led-information (feb-led)*>

<!ELEMENT feb-ok-led (#PCDATA)>

<!ELEMENT feb-panel (feb)*>

<!ELEMENT feb-redundancy-autofailover (#PCDATA)>

<!ELEMENT feb-redundancy-error-information (feb-redundancy-group-errors)*>

<!ELEMENT feb-redundancy-group-description (#PCDATA)>

<!ELEMENT feb-redundancy-group-errors (feb-redundancy-group-name |
feb-redundancy-group-description | feb-redundancy-group-feb-errors)*>

<!ELEMENT feb-redundancy-group-feb-errors (feb-slot | feb-state | feb-harderror-state |
feb-redundancy-group-feb-fpc-errors | feb-redundancy-group-feb-fabric-plane-errors)*>

<!ELEMENT feb-redundancy-group-feb-fabric-plane-errors (fabric-plane-number |
fabric-plane-status)*>

<!ELEMENT feb-redundancy-group-feb-fpc-errors (fpc-slot | fpc-link-status)*>

<!ELEMENT feb-redundancy-group-information (feb-redundancy-group-name |
feb-redundancy-group-description | feb-redundancy-group-information-item |
feb-redundancy-autofailover | feb-redundancy-switch-reason)*>

<!ELEMENT feb-redundancy-group-information-item (feb-slot | feb-state |
redundancy-priority | connected-fpcs | redundancy-state |
redundancy-state-description)*>

<!ELEMENT feb-redundancy-group-name (#PCDATA)>

<!ELEMENT feb-redundancy-information (feb-redundancy-group-information)*>

<!ELEMENT feb-redundancy-switch-reason (#PCDATA)>

<!ELEMENT feb-slot (#PCDATA)>

<!ELEMENT feb-state (#PCDATA)>

<!ELEMENT fiber-mode (#PCDATA)>

<!ELEMENT firmware (type | firmware-version)*>

<!ELEMENT firmware-action (#PCDATA)>

<!ELEMENT firmware-information (chassis)*>

<!ELEMENT firmware-name (#PCDATA)>

<!ELEMENT firmware-revision (#PCDATA)>

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<!ELEMENT firmware-revision-available (#PCDATA)>

<!ELEMENT firmware-status (#PCDATA)>

<!ELEMENT firmware-tag (#PCDATA)>

<!ELEMENT firmware-type (#PCDATA)>

<!ELEMENT firmware-version (#PCDATA)>

<!ELEMENT firmware-version-mismatch (routing-engine-software-version |
jfirmware-version)*>

<!ELEMENT floor (#PCDATA)>

<!ELEMENT fm-fpc-ln (slot | fm-pfe-ln)*>

<!ELEMENT fm-fpc-state-information (fm-fpc-ln)*>
<!ATTLIST fm-fpc-state-information junos:style CDATA #IMPLIED>

<!ELEMENT fm-pfe-ln (pfe-slot | fm-sib-ln)*>

<!ELEMENT fm-sib-ln (sib-slot | sib-fm-state)*>

<!ELEMENT fm-sib-state-information (fms-sib-ln)*>
<!ATTLIST fm-sib-state-information junos:style CDATA #IMPLIED>

<!ELEMENT fms-fpc-ln (slot | fms-pfe-ln)*>

<!ELEMENT fms-lcc-link-state (#PCDATA)>

<!ELEMENT fms-lcc-ln (lcc-slot | fms-lcc-link-state)*>

<!ELEMENT fms-pfe-link-state (#PCDATA)>

<!ELEMENT fms-pfe-ln (pfe-slot | fms-pfe-link-state)*>

<!ELEMENT fms-scc-link-state (#PCDATA)>

<!ELEMENT fms-scc-ln (fms-scc-link-state)*>

<!ELEMENT fms-sib-ln (sib-slot | sib-fm-state | fms-fpc-ln | fms-lcc-ln | fms-scc-ln)*>

<!ELEMENT fpc (slot | logical-slot | state | description | error-code | temperature |
cpu-total | cpu-interrupt | cpu-less-info-str | memory-dram-size | memory-sram-size |
memory-sdram-size | memory-rldram-size | memory-ddr-dram-size |
memory-notification-sdram-size | memory-heap-utilization | memory-buffer-utilization |
asic-information | start-time | up-time | comment | pic | pic-detail | red-led | green-led)*>

<!ELEMENT fpc-feb-connectivity (fpc-feb-connectivity-item)*>

<!ELEMENT fpc-feb-connectivity-item (fpc-slot | fpc-type | fpc-state | feb-slot | no-feb-slot
| feb-state | fpc-link-status)*>

<!ELEMENT fpc-information (fpc)*>
<!ATTLIST fpc-information junos:style CDATA #IMPLIED>

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<!ELEMENT fpc-link-status (#PCDATA)>

<!ELEMENT fpc-number (#PCDATA)>

<!ELEMENT fpc-panel (fpc)*>

<!ELEMENT fpc-slot (#PCDATA)>

<!ELEMENT fpc-state (#PCDATA)>

<!ELEMENT fpc-type (#PCDATA)>

<!ELEMENT fpga-registers (fpga-registers-name | fpga-registers-value)*>

<!ELEMENT fpga-registers-name (#PCDATA)>

<!ELEMENT fpga-registers-value (#PCDATA)>

<!ELEMENT fpga-revision (#PCDATA)>

<!ELEMENT fpga-revision-detail (fpga-revision-name | fpga-revision-value)*>

<!ELEMENT fpga-revision-name (#PCDATA)>

<!ELEMENT fpga-revision-value (#PCDATA)>

<!ELEMENT frequency (#PCDATA)>

<!ELEMENT front-panel (display-panel | re-panel | alarm-indicators | fpc-panel)*>

<!ELEMENT fru (slot | state | up-time | comment)*>

<!ELEMENT fru-information (fru)*>
<!ATTLIST fru-information junos:style CDATA #IMPLIED>

<!ELEMENT fru-name (#PCDATA)>

<!ELEMENT fru-reason (#PCDATA)>

<!ELEMENT fru-status (#PCDATA)>

<!ELEMENT global-fpc-number (#PCDATA)>

<!ELEMENT green-led EMPTY>

<!ELEMENT hardware-incomplete EMPTY>

<!ELEMENT hcoord (#PCDATA)>

<!ELEMENT i2c-data (#PCDATA)>

<!ELEMENT i2c-identifier (#PCDATA)>

<!ELEMENT i2c-information (jedec-code | eeprom-version | part-number | serial-number |
model-number | clei-code | assembly-identifier | assembly-version | manufacture-date |
assembly-flags | i2c-version | i2c-identifier | i2c-data | board-information-record)*>

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<!ELEMENT i2c-version (#PCDATA)>

<!ELEMENT in-service-upgrade-fru-status (fru-name | fru-status | fru-reason |
in-service-upgrade-pic-status)*>

<!ELEMENT in-service-upgrade-pic-status (fru-name | fru-status | fru-reason)*>

<!ELEMENT in-service-upgrade-status (in-service-upgrade-fru-status)*>

<!ELEMENT intake-temperature (#PCDATA)>

<!ELEMENT interface-class (#PCDATA)>

<!ELEMENT interface-class-detail (#PCDATA)>

<!ELEMENT interface-enabled (#PCDATA)>

<!ELEMENT interface-enabled-detail (#PCDATA)>

<!ELEMENT interface-information (interface-name | interface-enabled | interface-status |
interface-power-limit | interface-priority | interface-power | interface-class)*>

<!ELEMENT interface-information-detail (interface-name-detail | interface-enabled-detail
| interface-status-detail | interface-power-limit-detail | interface-priority-detail |
interface-power-detail | interface-class-detail)*>

<!ELEMENT interface-name (#PCDATA)>

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

<!ELEMENT interface-power (#PCDATA)>

<!ELEMENT interface-power-detail (#PCDATA)>

<!ELEMENT interface-power-limit (#PCDATA)>

<!ELEMENT interface-power-limit-detail (#PCDATA)>

<!ELEMENT interface-priority (#PCDATA)>

<!ELEMENT interface-priority-detail (#PCDATA)>

<!ELEMENT interface-status (#PCDATA)>

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

<!ELEMENT ioc-npc-connectivity (ioc-npc-connectivity-item)*>

<!ELEMENT ioc-npc-connectivity-item (ioc-slot | ioc-type | ioc-state | npc-slot | no-npc-slot
| npc-state | fpc-link-status)*>

<!ELEMENT ioc-slot (#PCDATA)>

<!ELEMENT ioc-state (#PCDATA)>

<!ELEMENT ioc-type (#PCDATA)>

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<!ELEMENT jedec-code (#PCDATA)>

<!ELEMENT jfirmware-version (#PCDATA)>

<!ELEMENT last-deviation (#PCDATA)>

<!ELEMENT last-reboot-reason (#PCDATA)>

<!ELEMENT lata (#PCDATA)>

<!ELEMENT latitude (#PCDATA)>

<!ELEMENT lcc (slot | state | up-time | comment)*>

<!ELEMENT lcc-information (lcc)*>
<!ATTLIST lcc-information junos:style CDATA #IMPLIED>

<!ELEMENT lcc-number (#PCDATA)>

<!ELEMENT lcc-slot (#PCDATA)>

<!ELEMENT line-termination (#PCDATA)>

<!ELEMENT load (#PCDATA)>

<!ELEMENT load-average-fifteen (#PCDATA)>

<!ELEMENT load-average-five (#PCDATA)>

<!ELEMENT load-average-one (#PCDATA)>

<!ELEMENT local-fpc-number (#PCDATA)>

<!ELEMENT logical-slot (#PCDATA)>

<!ELEMENT longitude (#PCDATA)>

<!ELEMENT major-alarm-relay EMPTY>

<!ELEMENT manufacture-date (#PCDATA)>

<!ELEMENT marked-as-failed-source (source-name)*>

<!ELEMENT marked-as-failed-source-list (marked-as-failed-source)*>

<!ELEMENT master-led EMPTY>

<!ELEMENT mastership-priority (#PCDATA)>

<!ELEMENT mastership-state (#PCDATA)>

<!ELEMENT mcs (slot | amber-led | green-led | blue-led)*>

<!ELEMENT mcs-panel (mcs)*>

<!ELEMENT memory-buffer-utilization (#PCDATA)>

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<!ELEMENT memory-ddr-dram-size (#PCDATA)>

<!ELEMENT memory-dram-size (#PCDATA)>

<!ELEMENT memory-heap-utilization (#PCDATA)>

<!ELEMENT memory-notification-sdram-size (#PCDATA)>

<!ELEMENT memory-rldram-size (#PCDATA)>

<!ELEMENT memory-sdram-size (#PCDATA)>

<!ELEMENT memory-sram-size (#PCDATA)>

<!ELEMENT minor-alarm-relay EMPTY>

<!ELEMENT model (#PCDATA)>

<!ELEMENT model-number (#PCDATA)>

<!ELEMENT multi-routing-engine-item (re-name | chassis-location-information |
chassisd-database-memory-usage | chassis-inventory | environment-information |
fpc-information | spmb-information | sib-information | fm-fpc-state-information |
fm-sib-state-information | scb-information | route-engine-information |
firmware-information | system-firmware-information |
system-firmware-compatibility-information)*>

<!ELEMENT multi-routing-engine-results (multi-routing-engine-item)*>

<!ELEMENT name (#PCDATA)>

<!ELEMENT network-services (network-services-information)*>

<!ELEMENT network-services-information (name)*>

<!ELEMENT no-feb-slot EMPTY>

<!ELEMENT no-npc-slot EMPTY>

<!ELEMENT notification-information (fpc-number | notification-status)*>

<!ELEMENT notification-status (#PCDATA)>

<!ELEMENT npa-nxx (#PCDATA)>

<!ELEMENT npc-slot (#PCDATA)>

<!ELEMENT npc-state (#PCDATA)>

<!ELEMENT ok-led EMPTY>

<!ELEMENT output (#PCDATA)>

<!ELEMENT part-number (#PCDATA)>

<!ELEMENT pcg (slot | amber-led | green-led | blue-led)*>

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<!ELEMENT pcg-frequency (pcg-frequency-setting | pcg-frequency-measurement)*>

<!ELEMENT pcg-frequency-measurement (#PCDATA)>

<!ELEMENT pcg-frequency-setting (#PCDATA)>

<!ELEMENT pcg-panel (pcg)*>

<!ELEMENT pfe-slot (#PCDATA)>

<!ELEMENT physical-slot (#PCDATA)>

<!ELEMENT pic (pic-slot | pic-type | pic-state | comment)*>

<!ELEMENT pic-clock-sync (#PCDATA)>

<!ELEMENT pic-detail (slot | pic-slot | pic-type | asic-type | comment | pic-version | state
| cpu-total | cpu-interrupt | memory-buffer-utilization | memory-heap-utilization |
memory-dram-size | cpu-sw-version | cpu-rom-version | up-time | pic-package |
pic-clock-sync | configured-mode | port-information)*>

<!ELEMENT pic-package (#PCDATA)>

<!ELEMENT pic-slot (#PCDATA)>

<!ELEMENT pic-state (#PCDATA)>

<!ELEMENT pic-type (#PCDATA)>

<!ELEMENT pic-version (#PCDATA)>

<!ELEMENT poe (interface-information | interface-information-detail |
notification-information | controller-information | telemetries-information)*>

<!ELEMENT port (port-number | cable-type | fiber-mode | sfp-vendor-name |
sfp-vendor-pno | wavelength)*>

<!ELEMENT port-information (port)*>

<!ELEMENT port-number (#PCDATA)>

<!ELEMENT postal-code (#PCDATA)>

<!ELEMENT power-information (power-title | voltage-title | voltage)*>

<!ELEMENT power-management (power-mgmt-device | power-mgmt-low-power |
power-mgmt-high-power | power-mgmt-heat | power-mgmt-state)*>

<!ELEMENT power-management-information (power-management)*>

<!ELEMENT power-mgmt-device (#PCDATA)>

<!ELEMENT power-mgmt-heat (#PCDATA)>

<!ELEMENT power-mgmt-high-power (#PCDATA)>

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<!ELEMENT power-mgmt-low-power (#PCDATA)>

<!ELEMENT power-mgmt-state (#PCDATA)>

<!ELEMENT power-state (#PCDATA)>

<!ELEMENT power-supply (slot | amber-led | green-led | blue-led)*>

<!ELEMENT power-supply-panel (power-supply)*>

<!ELEMENT power-title (power-type | power-state)*>

<!ELEMENT power-type (#PCDATA)>

<!ELEMENT product (#PCDATA)>

<!ELEMENT product-number (#PCDATA)>

<!ELEMENT psd (slot | description | state | up-time | comment)*>

<!ELEMENT psd-information (psd)*>
<!ATTLIST psd-information junos:style CDATA #IMPLIED>

<!ELEMENT rack (#PCDATA)>

<!ELEMENT re (slot | ok-led | fail-led | master-led)*>

<!ELEMENT re-name (#PCDATA)>

<!ELEMENT re-panel (re)*>

<!ELEMENT read-register (cb-slot | fchip-id | address | data)*>

<!ELEMENT reason (#PCDATA)>

<!ELEMENT red-alarm (#PCDATA)>
<!ATTLIST red-alarm junos:celsius CDATA #IMPLIED>

<!ELEMENT red-led EMPTY>

<!ELEMENT redundancy-priority (#PCDATA)>

<!ELEMENT redundancy-state (#PCDATA)>

<!ELEMENT redundancy-state-description (#PCDATA)>

<!ELEMENT reference-voltage (#PCDATA)>

<!ELEMENT reset-count (#PCDATA)>

<!ELEMENT revision (revision-name | revision-number)*>

<!ELEMENT revision-name (#PCDATA)>

<!ELEMENT revision-number (#PCDATA)>

<!ELEMENT route-engine (description | slot | physical-slot | mastership-state |

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mastership-priority | status | model | temperature | cpu-temperature | memory-dram-size
| memory-buffer-utilization | control-plane-cpu-count | data-plane-cpu-count | cpu-user |
cpu-real-time | cpu-background | cpu-system | cpu-interrupt | cpu-idle | serial-number |
start-time | up-time | last-reboot-reason | load-average-one | load-average-five |
load-average-fifteen | bios-version | bios-date | bios-id)*>

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<!ELEMENT route-engine-information (route-engine)*>

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<!ELEMENT routing-engine-software-version (#PCDATA)>

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<!ELEMENT rpm (#PCDATA)>

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<!ELEMENT scb (slot | state | failover-count | reset-count | activate-count | temperature
| intake-temperature | exhaust-temperature | exhaust-a-temperature |
exhaust-b-temperature | spp-temperature | spr-temperature | cpu-total | cpu-total-ukern |
cpu-total-rt | cpu-interrupt | memory-dram-size | memory-sram-size | memory-rldram-size |
memory-ddr-dram-size | memory-heap-utilization | memory-buffer-utilization | asic-name |
asic-information | start-time | up-time | comment)*>

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<!ELEMENT scb-information (scb-type | scb)*>

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<!ATTLIST scb-information junos:style CDATA #IMPLIED>

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<!ELEMENT scb-type (#PCDATA)>

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<!ELEMENT scg (slot | amber-led | green-led | blue-led)*>

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<!ELEMENT scg-panel (scg)*>

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<!ELEMENT serial-number (#PCDATA)>

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<!ELEMENT sfm (slot | amber-led | green-led | blue-led)*>

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<!ELEMENT sfm-panel (sfm)*>

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<!ELEMENT sfp-vendor-name (#PCDATA)>

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<!ELEMENT sfp-vendor-pno (#PCDATA)>

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<!ELEMENT sib (slot | state | up-time | comment | ok-led | fail-led | active-led)*>

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<!ELEMENT sib-fm-state (#PCDATA)>

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<!ELEMENT sib-information (sib)*>

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<!ATTLIST sib-information junos:style CDATA #IMPLIED>

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<!ELEMENT sib-panel (sib)*>

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<!ELEMENT sib-slot (#PCDATA)>

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<!ELEMENT signal-type (#PCDATA)>

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<!ELEMENT slave-registers (slave-registers-name | slave-registers-value)*>

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<!ELEMENT slave-registers-information (slave-registers-title | slave-registers)*>

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<!ELEMENT slave-registers-name (#PCDATA)>

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<!ELEMENT slave-registers-title (#PCDATA)>

<!ELEMENT slave-registers-value (#PCDATA)>

<!ELEMENT slave-revision (#PCDATA)>

<!ELEMENT slot (#PCDATA)>

<!ELEMENT source-name (#PCDATA)>

<!ELEMENT source-priority (#PCDATA)>

<!ELEMENT spmb (slot | state | cpu-total | cpu-interrupt | memory-heap-utilization |
memory-buffer-utilization | start-time | up-time)*>

<!ELEMENT spmb-information (spmb)*>
<!ATTLIST spmb-information junos:style CDATA #IMPLIED>

<!ELEMENT spp-temperature (#PCDATA)>

<!ELEMENT spr-temperature (#PCDATA)>

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

<!ELEMENT state (#PCDATA)>

<!ELEMENT status (#PCDATA)>

<!ELEMENT switching-mode (#PCDATA)>

<!ELEMENT synchronization-source-list (current-source | configured-source-list)*>

<!ELEMENT system-firmware (firmware-name | firmware-type | firmware-tag |
firmware-revision | firmware-revision-available | firmware-status |
system-sub-module-firmware-list)*>

<!ELEMENT system-firmware-compatibility (firmware-name | firmware-type | firmware-tag
| firmware-revision | firmware-revision-available | firmware-status | firmware-action |
system-sub-module-firmware-compatibility-list)*>

<!ELEMENT system-firmware-compatibility-information (firmware-version-mismatch |
system-firmware-compatibility)*>

<!ELEMENT system-firmware-information (system-firmware)*>

<!ELEMENT system-sub-module-firmware (firmware-name | firmware-type | firmware-tag |
firmware-revision | firmware-revision-available | firmware-status)*>

<!ELEMENT system-sub-module-firmware-compatibility (firmware-name | firmware-type |
firmware-tag | firmware-revision | firmware-revision-available | firmware-status |
firmware-action)*>

<!ELEMENT system-sub-module-firmware-compatibility-list
(system-sub-module-firmware-compatibility)*>

<!ELEMENT system-sub-module-firmware-list (system-sub-module-firmware)*>

```



```

<!ELEMENT telemetries-index (#PCDATA)>

<!ELEMENT telemetries-information (telemetries-index | telemetries-timestamp |
telemetries-power | telemetries-voltage)*>

<!ELEMENT telemetries-power (#PCDATA)>

<!ELEMENT telemetries-timestamp (#PCDATA)>

<!ELEMENT telemetries-voltage (#PCDATA)>

<!ELEMENT temperature (#PCDATA)>
<!ATTLIST temperature junos:celsius CDATA #IMPLIED>
<!ATTLIST temperature junos:celsius CDATA #IMPLIED>

<!ELEMENT temperature-name (#PCDATA)>

<!ELEMENT temperature-reading (temperature-name | temperature)*>

<!ELEMENT temperature-threshold (name | fan-normal-speed | fan-high-speed |
yellow-alarm | bad-fan-yellow-alarm | red-alarm | bad-fan-red-alarm |
temperature-threshold-information-item)*>

<!ELEMENT temperature-threshold-information (temperature-threshold)*>

<!ELEMENT temperature-threshold-information-item (#PCDATA)>

<!ELEMENT transmit (#PCDATA)>

<!ELEMENT type (#PCDATA)>

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

<!ELEMENT validation-interval (#PCDATA)>

<!ELEMENT vcoord (#PCDATA)>

<!ELEMENT vendor (#PCDATA)>

<!ELEMENT version (#PCDATA)>

<!ELEMENT voltage (reference-voltage | actual-voltage)*>

<!ELEMENT voltage-title (#PCDATA)>

<!ELEMENT wavelength (#PCDATA)>

<!ELEMENT write-register (cb-slot | fchip-id | address | data)*>

<!ELEMENT yellow-alarm (#PCDATA)>
<!ATTLIST yellow-alarm junos:celsius CDATA #IMPLIED>

<!ELEMENT yellow-led EMPTY>

```

