

## Chapter 45

# DTD for PGM Response Tags

This chapter contains the Extensible Markup Language (XML) document type definition (DTD) called `junos-pgm.dtd`, which lists the JUNOS XML tags that contain Pragmatic General Multicast (PGM) protocol information. The associated XML namespace is `http://xml.juniper.net/junos/9.4R1/junos-pgm`. To review reference pages for the tags, see “Summary of Pragmatic General Multicast Response Tags” on page 1134.

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

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

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

```
<!ELEMENT bad-checksum (#PCDATA)>
```

```
<!ELEMENT bad-nak-family (#PCDATA)>
```

```
<!ELEMENT bad-nak-length (#PCDATA)>
```

```
<!ELEMENT bad-ncf-family (#PCDATA)>
```

```
<!ELEMENT bad-ncf-length (#PCDATA)>
```

```
<!ELEMENT bad-rdata-length (#PCDATA)>
```

```
<!ELEMENT bad-spm-family (#PCDATA)>
```

```
<!ELEMENT bad-spm-length (#PCDATA)>
```

```
<!ELEMENT bad-tsdu-length (#PCDATA)>
```

```
<!ELEMENT clear-pgm-nak EMPTY>
```

```
<!ELEMENT clear-pgm-spm EMPTY>
```

```
<!ELEMENT clear-pgm-statistics EMPTY>
```

```
<!ELEMENT errors (short-pgm-header | bad-checksum | zero-checksum | bad-tsdu-length  
| bad-spm-length | bad-spm-family | bad-nak-length | bad-nak-family | nak-unknown-tsi |  
nak-throttled | bad-ncf-length | bad-ncf-family | ncf-unknown-tsi | bad-rdata-length |  
rdata-unknown-tsi | odata-with-ra)*>
```

```
<!ELEMENT nak (received | sent)*>
```

```
<!ELEMENT nak-throttled (#PCDATA)>
```

```

<!ELEMENT nak-unknown-tsi (#PCDATA)>

<!ELEMENT ncf (received | sent)*>

<!ELEMENT ncf-unknown-tsi (#PCDATA)>

<!ELEMENT nullnak (received | sent)*>

<!ELEMENT odata-with-ra (#PCDATA)>

<!ELEMENT other (received | sent)*>

<!ELEMENT packet-counters (spm | poll | polr | rdata | nak | nullnak | ncf | spmr | other |
errors)*>

<!ELEMENT pgm-nak-group (#PCDATA)>

<!ELEMENT pgm-nak-interface (pgm-nak-interface-name | pgm-nak-interface-sender)*>

<!ELEMENT pgm-nak-interface-name (#PCDATA)>

<!ELEMENT pgm-nak-interface-sender (#PCDATA)>

<!ELEMENT pgm-nak-sequence (#PCDATA)>

<!ELEMENT pgm-nak-source (#PCDATA)>

<!ELEMENT pgm-spm-gsid (#PCDATA)>

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

<!ELEMENT pgm-spm-lead (#PCDATA)>

<!ELEMENT pgm-spm-nak (pgm-nak-sequence | pgm-nak-source | pgm-nak-group |
pgm-nak-interface)*>

<!ELEMENT pgm-spm-nla (#PCDATA)>

<!ELEMENT pgm-spm-seq (#PCDATA)>

<!ELEMENT pgm-spm-sport (#PCDATA)>

<!ELEMENT pgm-spm-trail (#PCDATA)>

<!ELEMENT pgm-spm-tsi (pgm-spm-gsid | pgm-spm-sport | pgm-spm-seq | pgm-spm-trail
| pgm-spm-lead | pgm-spm-nla | pgm-spm-nak)*>

<!ELEMENT pgm-statistics-information (packet-counters)*>

<!ELEMENT poll (received | sent)*>

<!ELEMENT polr (received | sent)*>

<!ELEMENT rdata (received | sent)*>

```

<!ELEMENT rdata-unknown-tsi (#PCDATA)>

<!ELEMENT received (#PCDATA)>

<!ELEMENT sent (#PCDATA)>

<!ELEMENT short-pgm-header (#PCDATA)>

<!ELEMENT spm (received | sent)\*>

<!ELEMENT spmr (received | sent)\*>

<!ELEMENT zero-checksum (#PCDATA)>

