

## Logging Messages in Structured-Data Format

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In JUNOS 8.3 and later, you can log messages to a file in structured-data format instead of the standard JUNOS format. Structured-data format provides more information without adding significant length, and makes it easier for automated applications to extract information from a message.

The structured-data format complies with Internet draft draft-ietf-syslog-protocol-21.txt. The draft establishes a standard message format regardless of the source or transport protocol for logged messages.

To output messages to a file in structured-data format, include the **structured-data** statement at the [edit system syslog file *filename*] hierarchy level:

```
[edit system syslog file filename]  
  facility severity;  
  structured-data {  
    brief;  
  }
```

The optional **brief** statement suppresses the English-language text that appears by default at the end of a message to describe the error or event. For information about the fields in a structured-data-format message, see Displaying a Log File from a Single-Chassis System.

The structured format is used for all messages logged to the file that are generated by a JUNOS process or software library.



**NOTE:** If you include either or both of the **explicit-priority** and **time-format** statements along with the **structured-data** statement, they are ignored. These statements apply to the standard JUNOS system log format, not to structured-data format.

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