### table

Retrieves the data stored in the table.

#### Syntax

table [OPTIONS] TABLE[, ... ]table [OPTIONS] meta("KEY\_VALUE\_EXPR"[, "TABLE", ... ])

Required Parameter

**TABLE, ...**

List of tables, separated by a comma (,).

If you put a question mark (?) after the table name, no error occurs even if the table does not exist. For example, the table test query fails if test table does not exist. But if you execute the query table test?, the query returns an empty result without an error.

You can use a wildcard (\*) in the table name. For example, if you execute the query command table sys\_\*, all tables starting with sys\_ are retrieved. Tables that you do not have read permissions for are excluded from the search. After executing a query, you can see the table name in the **\_table** field.

**meta("KEY\_VALUE\_EXPR"[, "TABLE", ...])**

Metadata of the table to look up. The meta() function returns tables that match attributes specified by the KEY\_VALUE\_EXPR option.

**KEY\_VALUE\_EXPR**

Comparison expression in the form of "KEY == VALUE" or "KEY != VALUE". You can use it with logical operators such as and or or, or with the not unary negation operator.

**KEY**

Key name of the table metadata

**VALUE**

Value of the table metadata (a wildcard pattern can be used)

**[ "TABLE", "TABLE", ... ]**

Table name of the table with names containing specific string patterns. If you don't specify the table, the command attempts to execute a metadata conditional expression on every table.

For ENT and STD, you can specify table metadata in **TABLE > (Select a table) [General]**. The metadata key for parser settings is logparser.

Optional Parameter

If you do not use duration, from or to, all logs are searched.

**duration=INT{mon|w|d|h|m|s}**

Time range to search the previous data based on the current time. You can specify the time in units of mon (month), w (week), d (day), h (hour), m (minute), and s (second). For example, 10s refers to "the last 10 seconds" based on the time the query is executed. This option cannot be used with from, to or window.

**from=yyyyMMddHHmmss**

Start date and time of the search period in the form of yyyyMMddHHmmss. The time period for the search includes the specified time point. If you provide only the first part, the command recognizes the remaining digits as 0. For example, if you provide 20130605, the command recognizes it as 20130605000000 (June 5, 2013, 00:00:00). This option can be used with to, but cannot be used with duration and window.

**to=yyyyMMddHHmmss**

End date and time of the search period in the form of yyyyMMddHHmmss. The time period for the search does not include the specified time point. The input format is the same as from. This option can be used with from, but cannot be used with duration and window.

**window=INT{y|mon|w|d|h|m|s}**

Period of time for which to receive data in real time from the time the query is executed. You can specify the time in units of y (year), mon (month), w (week), d (day), h (hour), m (minute), and s (second). When the unit is y, only 1y is allowed. For example, 10s refers to "the next 10 seconds" from the time the query was executed. This option cannot be used with duration, from or to.

**limit=INT**

Maximum number of records to load (default: unlimited).

**offset=INT**

Number of records to skip (default: 0).

**order=STR**

Sorting order of the records (default: desc).

1. asc: Sorts in ascending order, the oldest at the top.
2. desc: Sortes in descending order, the latest records at the top.

#### Usage

Read the last 100 logs from the sys\_cpu\_logs table

table limit=100 sys\_cpu\_logs

Read logs for the last 10 minutes from the sys\_cpu\_logs table.

table duration=10m sys\_cpu\_logs

Read all logs corresponding to the date of June 5, 2013, from the sys\_cpu\_logs table.

table from=20130605 to=20130606 sys\_cpu\_logs

Read all logs from the sys\_cpu\_logs and sys\_mem\_logs tables in sequence.

table sys\_cpu\_logs, sys\_mem\_logs

Read data from tables which have parser metadata with the value of openssh.

table meta("parser==openssh")