

retry-options

Syntax retry-options {
 backoff-threshold *number*;
 backoff-factor *seconds*;
 maximum-time *seconds*;
 minimum-time *seconds*;
 tries-before-disconnect *number*;
}

Hierarchy Level [edit system login]

Release Information Statement introduced in JUNOS Release 8.0.
Statement introduced in JUNOS Release 9.0 for EX Series switches.
maximum-time option introduced in JUNOS Release 9.6.
maximum-time option introduced in JUNOS Release 9.6 for EX Series switches.

Description Maximum number of times a user can attempt to enter a password while logging in through SSH or Telnet before being disconnected.

Options backoff-threshold *number*—Threshold for the number of failed login attempts before the user experiences a delay when attempting to reenter a password. Use the backoff-factor option to specify the length of delay, in seconds.

Range: 1 through 3

Default: 2

backoff-factor *seconds*—Length of delay after each failed login attempt. The length of delay increases by this value for each subsequent login attempt after the value specified in the backoff-threshold option.

Range: 5 through 10

Default: 5

maximum-time *seconds*—Maximum length of time that the connection remains open for the user to enter a username and password to log in. If the user remains idle and does not enter a username and password within the configured maximum-time, the connection is closed.

Range: 20 through 300

Default: 120

minimum-time *seconds*—Minimum length of time that the connection remains open while the user is attempting to enter a password to log in.

Range: 20 through 60

Default: 20

tries-before-disconnect *number*—Maximum number of times a user is allowed to attempt to enter a password to log in through SSH or Telnet.

Range: 1 through 10

Default: 10

Required Privilege Level admin—To view this statement in the configuration.
admin-control—To add this statement to the configuration.

- Related Topics**
- Limiting the Number of User Login Attempts for SSH and Telnet Sessions
 - rate-limit

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