

# Brute force password protection

*The information on this page refers to LM-X v5.4.1 or newer, which added brute force password protection.*

The LMX server has brute-force password protection for all commands that use a password as a parameter. This protection uses escalating time delays to prevent brute-force attacks, as shown in the following table.

| Failed attempts | Delay      |
|-----------------|------------|
| 1 - 4           | None       |
| 5               | 1 minute   |
| 6               | 5 minutes  |
| 7 - 8           | 15 minutes |
| >= 9            | 1 hour     |