

Protocols

The license server runs over TCP protocol. LM-X supports IPv4/6 dual stack, which means that it is able to communicate in both IPv4 and IPv6 without having separate versions of the applications.

The license server also uses UDP protocol to allow applications to perform automatic server discovery on the network. Note: Automatic server discovery works only on local networks and will not work on WAN or VPN connections. Automatic server discovery is not guaranteed to work on all networks, particularly enterprise networks on which local firewalls or routers cut off UDP broadcast traffic.

When connecting client applications to IPv6 enabled servers, you must enclose the IP addresses in brackets [].

For example, to set environment variables for an IPv6 license server, you would enter:

`LMX_LICENSE_PATH = @[1:2:3:4:5:6:7:8]` or `LMX_LICENSE_PATH = @[::1]`

(For information about license file paths, see [Adding or removing license file paths.](#))