

## Technical reference guide for enabling Practice-Labs access when using a corporate Proxy Server

### The connection process

Practice-Labs operate by a client browser making a secured HTTPS connection to the Practice-Labs web service. When a connection to any lab device is initiated the request is tunnelled within this secure session enabling user interaction.

This type of connection works seamlessly in most environments without the need to make any internal amendments. In some configurations however this process may fail. For example, when a Proxy Server is in use or if there is no direct outbound connectivity to the internet.

If a Proxy Server is present some configuration adjustments may be required to ensure successful connectivity. This could include installing an advanced proxy client (example: Microsoft ISA Firewall Client) or making a firewall amendment to allow secure HTTPS connectivity to the Practice-Labs service.

### Technical detail

Practice-Labs network address range: **94.185.165.0 / 28**

Ports: **https** , (tcp 443) and tunnelled ssl applications if using a next-generation firewall

### Firewall rule example

Source: <Your network>

Destination: 94.185.165.0 / 28

Port: TCP 443

### Overview Diagram

