

Lab with IPv6 Tunnel

This document explains how to bring IPv6 Internet connectivity to a lab platform using tunnels. This scenario is useful whenever IPv6 is not enabled on the Internet access of your Lab.

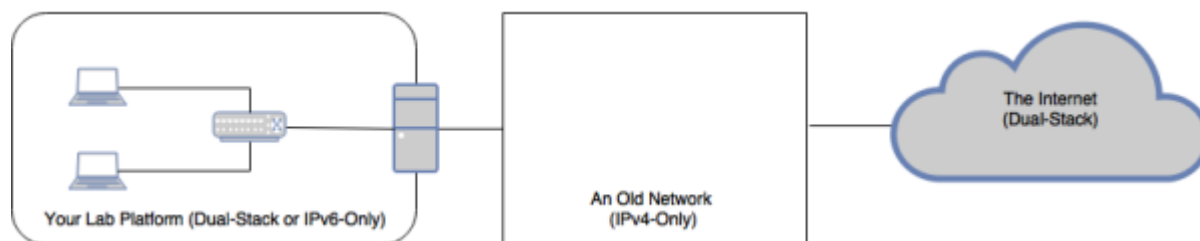
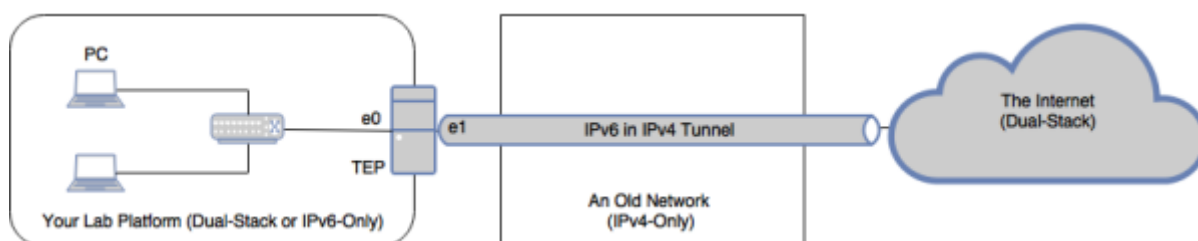


Figure 1. Internet connectivity and IPv6 support

As shown in Figure 1, we suppose that your lab is equipped with either dual-stack (support IPv4 and IPv6) devices or IPv6 only devices. In order to get IPv6 connectivity to your lab, you need to traverse an IPv4 only network. This is still unfortunately the case for many internet service providers in the world.

[RFC 7059](#) presents an overview of tunnel mechanisms. In this document, you will use a static 6in4 tunnel.

Hurricane Electric provides a free service for 6in4 tunnels. Subscription is available on <https://tunnelbroker.net>. You will need to create a Regular Tunnel.



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