

1 IPv6 configuration

As part of this lab-task students are expected to learn IPv6 protocol and its various headers properly. They are also expected to be able to configure IPv6 addresses on interfaces, do static IPv6 routing and also to be able to setup IPv6 router for a link.

To help in achieving these goals, refer to lab material on ‘Basic IPv6 configuration’ hosted here.

As part of submission students are expected to submit the commands and IPv6 addresses of machines configured for achieving the output. The lab task has three parts:

1. Configuring IPv6 addresses on interfaces
2. Static IPv6 routing
3. Creating an IPv6 router

Students should submit network diagrams with proper IPv6 address labels and text files with commands used or configuration changes done to achieve the output.