

Abstract

IPv6 as the new Internet protocol has become a solver of IPv4 limitedness on the diminish address; but the transition are needed in order to IPv6 transition. With no exception, the campus network as one of the network area needs a transition scenario to be able to work on its own without disturbing any other existing network.

The scenario would be made and analyzed in this final project. It is going to accommodate how the existing network support IPv6 and how to transit its network component. This scenario is implemented in the STT Telkom's informatics network. The performance of this implementation is tested by accessing IPv4 services. The result shows that the access performance from IPv6 to IPv4 is lower than IPv4 to IPv4.

Keywords: IPv4/IPv6 transition, transition scenario, campus network, performance