UNIVERSIDAD DISTRITAL FRANCISCO JOSÉ DE CALDAS

COMPUTER NETWORKING

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Workshop No. 1 – Packet Tracer Basics

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Computer Engineering
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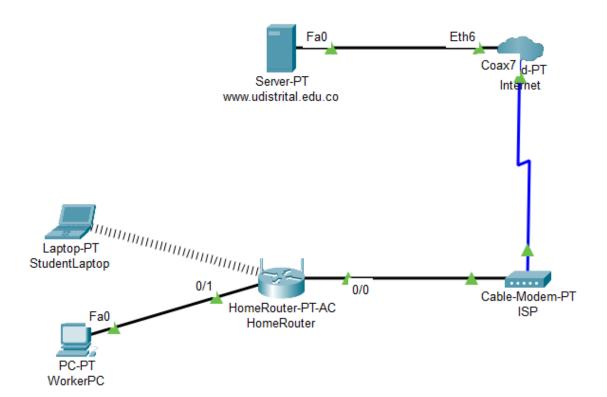
This report details the results of a networking workshop conducted using Cisco Packet Tracer. The objective of this workshop was to provide experience in designing and implementing a functional network infrastructure, utilizing a variety of networking components and concepts.

The workshop focused on the step by step construction of a network that incorporated servers, cloud connectivity, cable modems, routers, laptops, and personal computers, offering valuable insights into network architecture and configuration.

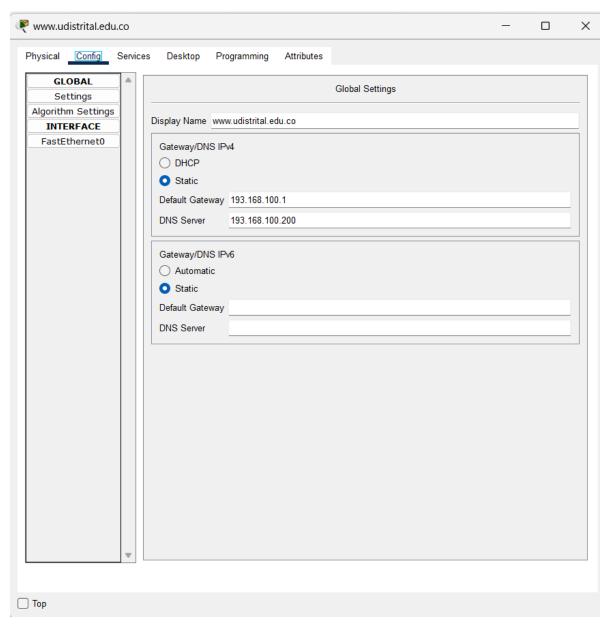
Finally, in this workshop was the successful creation of a fully functional network capable of hosting and accessing a website.

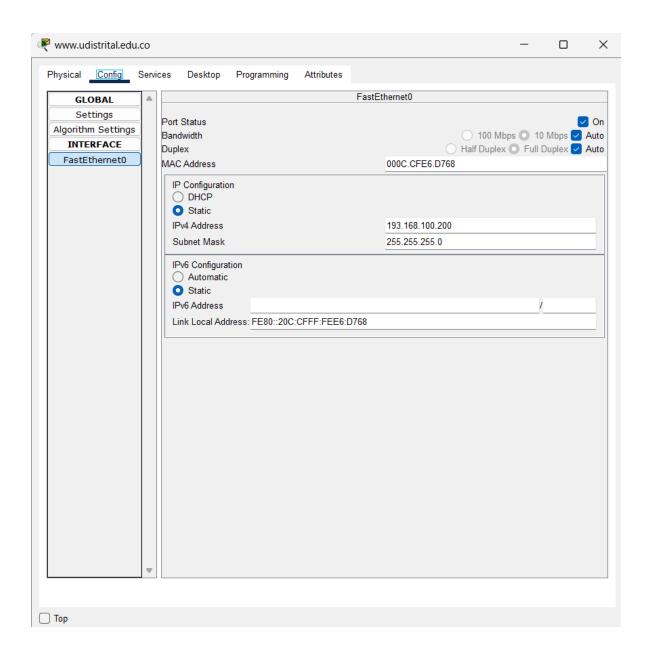
This report will provide a detailed analysis of the network design process, including technical decisions made, configuration steps taken, and the results of various tests conducted to ensure network functionality and performance. The following sections will offer an in depth look at each component of the network:

The network:

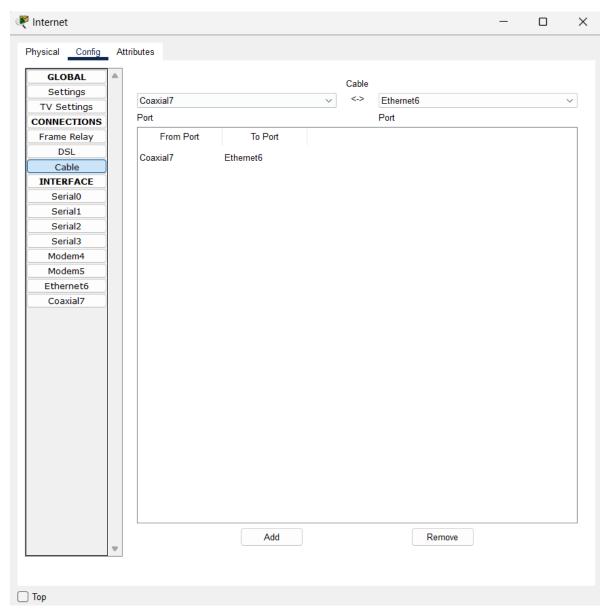


Server configurations:





Cloud configurations:



Router configurations:

