Design and Implementation of a Virtual Local Area Network with using Cisco Operating System

User Manual

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- Open .pkt file on Cisco Packet Tracer simulation software.

- Fast forward Time button is start and optimized devices very quick.

- Every device has CLI (Command Line Interface). Click the device and click CLI button up of the device window. Our final commands of project available in GitHub. All commands can be try inputted again on CLI.

- Cisco Packet Tracer have closed letter icon on right of the window. That is a package send button and very important. All network working can be controlled with package sending. Also simulation mode selectable in right bottom of the window. In simulation mode all network working and all steps of the package easily observable with package sending.

- IP Phones connected to each other. For starting a IP Phone call, clicked one of the phones and input other ones IP Phone number. The other phone is ringing same time, open the other phone.

- In management PC have special connection on network. That is a Telnet Remote Connection. In command prompt of the management PC "telnet 192.168.99.2" command enter connected switch's management.