EasyOpenVPN

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Project Proposal

Project Scope:

Project objectives: to create an easy, user friendly way to setup an OpenVPN server and/or client on a machine.

Goals: - create a bash script to aid in the setup of OpenVPN server

- create a bash script to aid int the setup of OpenVPN client

Tasks: - select specific OS to setup OpenVPN server on (client can be any OS)

- determine steps/commands to install and setup an OpenVPN server/client

- compile steps/commands into a server/client bash script

Resources: - CentOS7, Debian, OpenVPN software

Schedule: - Project time period: March 9 - April 26

- March 9: Project Overview

- March 16: Project Scope

- March 23: Project Research

- March 30: Project Development Begin

- April 06: Project Dev. Cont'd

- April 13: Project Dev. Debug

- April 20: Project Finalization

- April 26: Project Complete and Summission

Tools/Techniques/Technology used:

Technology used in the development of this project are:

* CentOS7
* Debian

Hardware/Software Specs:

* CentOS7 ver. 7.10
* Debian

Project Planning:

Schedule: - Project time period: March 9 - April 26

- March 9: Project Overview

This outline what the project is and should be about. To install/setup an OpenVPN server/client with a user friendly bash script is the main idea of the project.

- March 16: Project Scope

Determining the project scope is critical and helps to put the work entailed into perspective. This will help to distribute the work load per team member.

- March 23: Project Research

Project research is essential. Finding and determine the proper tools and technology to use to complete this project will aid in the efficiency of the end product.

- March 30: Project Development Begin

Project development begins.

- April 06: Project Dev. Cont'd

Continuation of project development.

- April 13: Project Dev. Debug

Finding any bugs in the code and creating patches to ensure smooth service delivery.

- April 20: Project Finalization

Finilization of the project. Proper documentation and user friendly introduction to how to use the service.

- April 26: Project Complete and Summission

There will be viva session for all students in first 90 minutes and demonstration session next 90 minutes.

* Project Proposal (Just attach to your report if you have already emailed it to me)
  + Tools/Techniques/Technology used:
  + Hardware/Software Specs:
  + Project Planning:
* Introduction of your project
* Tell us about platform used in your project (hardware/OS/Applications)
* Source code (scripts, instructions, methods, functions, references)
* Implementation steps / HowTo / Methodology
* Flow chart (display how your code or service is working)
* Create one table which has Layer1 to Layer 7 and add information relevant to your project
* Your report should be properly formatted and structured.
* I encourage creativity, feel free to add extra spice to your code.
* Put the snapshot of your steps in the report
* You should put every possible detail to prove that this work is original and done by you.
* If possible you can create a video demonstration and embed on your soft copy report (PDF/DOCX)
* Prepare and list down all the items you will demonstrate.