

CIS 150 Encryption, Web and FTP Project

5/16/18

Equipment List and Parameters:

- Four PC's for practicing and project grading.
- Group Size = 4 people per group (Or less based on Professor's adjustment for class size).
- Total Time = 45 minutes (Automatic ZERO after time).

Notes:

- ☐ **Note 1** = Working without a group renders a score of "0".
- ☐ **Note 2** = Score deductions **can equal more than 100 points**.
- ☐ **Note 3** = Complete all work before asking to be graded. Changes will not be allowed.
- ☐ **Note 4** = Notes may be used on this project.
- ☐ **Note 5** = You may need to delete the "Server2012" and "Ubuntu" partitions to get more space.
- ☐ **Note 6** = To earn the listed points, group members must perform requested actions or commands related to the tasks in front of professor. No other student can assist.

Required Tasks:

- ☐ Create one project "virtual" computer as a Web Server with the following:
 - **(-0 Points)** = Open website with message and ¼ size centered picture.
 - **(-0 Points)** = Secure "non-common port" website with message and centered ¼ page picture.
- ☐ Configure another project "virtual" computer as an FTP Server with the following:
 - **(-0 Points)** = Has FTP share for up/downloads and PKI encryption files.
- ☐ **(-30 Points)** = Enable "IP" access to the secured website from any computer.
- ☐ **(-30 Points)** = Enable project "virtual" computers to access the open website using an FQDN/URL.
- ☐ **(-30 Points)** = Be able to use command line from any computer to upload and download files to the project "virtual" FTP computer.
- ☐ **(-30 Points)** = Enable "CCP1" and "CCP2" on all project virtual computers to be able to encrypt/decrypt files from any computer without configuration.

Total Group Grade: _____

Member #1 _____ Member #2 _____

Member #3 _____ Member #4 _____