

CIS 751 Lecture Assignment 10

Chuck Zumbaugh

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1 Encrypting files using OpenSSL

We can encrypt files using OpenSSL with AES, CBC mode using the following command:

openssl aes-256-cbc -a -salt -in secret.txt -out secret.enc

Which will prompt us for a password to use for encryption. If the original file contained the text "Secret", the secret.enc file may contain, for example, U2FsdGVkX184g5nMLj9uu5cD+nOFC0VbQuMyH5K39As= (using the password: Password).