

# BSCH4 - NS

## Assignment 2

### Crypto time!

Doo ri wkh iroorzlqj txhvwlrqv kdyh ehhq hqfubswhg xvlqj fodvvlfd hqfubswlrq whfkqltxhv glvfxvvhg lq fodvv. Hdfk txhvwlrq lv d gliihuhqw whfkqltxh dqg hdfk txhvwlrq frqwdlqv d foxh wr vroylqj dqrwkhu txhvwlrq. Rk ghdu lw orrnv olnh L kdyh dovr hqfubswhg wkh lqvwuxfwlrqv. rk zhoo, jxhvv lw phdqv wkdw L fdqqrw xv h wkh vwdqgdug Fdhvdu flskhu lq wkh txhvwlrqv qrz zklfk zloo mxvw pdnh wklqjv pruh gliilfxow. Expphu. L kdyh dovr lqfoxghg vrph xvixo olvvw wkdw duh uhihuhqfhg lq wkh txhvwlrqv. Wkhvh duh ohiw xqhqbubswhg ehfdxvh wkdw zrxog mxvw eh wrr fuxho. Jxhvv L kdg ehwwhu lqfoxgh d foxh khuh vr, wkh ohiw urwdwlrq xv h lq wkh qrw Fdhvdu flskhu urwdwlrq hqfubswhg txhvwlrq lv juhdwhu wkdw wkuhh exw ohvv wkdw wkh qxpehu ri Nhuvfkrii sulqflsohv pxowlsolhg eb wzr. Hqmr. dqg uhphpehu wkdw brxu judgh lv edvhg rq brxu dqvzhuv dqg qrw wkh ghfubswlrq.

#### Useful resources:

##### **A. Wordlist**

- |               |              |             |               |
|---------------|--------------|-------------|---------------|
| 1. Frozen     | 6. Joplin    | 11. Context | 16. Guideline |
| 2. Skittle    | 7. Offensive | 12. Yellow  | 17. Pad       |
| 3. Abacus     | 8. Ingrained | 13. Monitor | 18. Compliant |
| 4. Trombone   | 9. Ratchet   | 14. Fair    | 19. Asian     |
| 5. Chopsticks | 10. Moist    | 15. Time    | 20. Anchor    |

##### **B. Passwords**

1. Password1
2. P4sswOrdOn3!
3. This20is21my22Passphrase23!!24
4. passcode

### **C. Hashes**

1. 8fc42c6ddf9966db3b09e84365034357
2. 32cdb619196200050ab0af581a10fb83cfc63b1a20f58d4bafb6313d55a3f0e9
3. a2a551a6458a8de22446cc76d639a9e9
4. 86f7e437faa5a7fce15d1ddcb9eaeaea377667b8
5. c8b1a1a3e6bcee8660ad4a4ab2e2d318295fadc325f85525285f09a16e50ebc4
6. eb0c28768b1cfe1c105a8c7a2484dd57
7. 5ddc2ae17d5b13b4e5b3215177685116565f5058

### **D. Access Control**

- a. 140 permit tcp any any eq 23 log
- b. 46 deny any
- c. 45 deny host 192.168.32.4
- d. 13 allow network 172.168.0.0
- e. 101 deny tcp host 10.13.2.1 any neg telnet

### Question 1:

mhyju qiusk hyjow kytub ydujx qjmek btudv ehsuj xukiu evjxu  
iused tijhe dwuij fqiiim ehtwy ludqr eluyd fqiiim ehtby ijryv  
qsecf kjuhi oijuc sekbt rhkju vehsu qfqii mehtq jqhqj uevjm  
ejejx ufemu hevau oifqs uxekh ixemb edwme kbtjy jqauj erhkj  
uvehs ufqii mehtd kcruh eduqd tmxqj huqie dsekb toekw yluve  
hjuuq sjkqb shqsa jqayd wieck sxixe hjustb kujeh qybvu dsujx  
udkcr uhev h qybiy ijxud kcruh evqck iysqb mehty dxjum ehtby i

### Question 2:

Wvtopttrrymaelhwucwoayxwswnsgitcofqueftrwpaihnonhtrmlseeepoostpipttvapetasoiycrnetocvyst  
pepoasetoueednwomnaylclitrunssqotssodeotlnltcailieifoiephnpcfeioylniinmornsrloeioraueebeioylhr  
asnuefheihtpepcueuhceeoeeuehrewshrsaipeortsvdmnocacotseesrleegeateaadofstcnhlbrdrcrcani  
kselbuwcdeelmoiehmsihsisheceivnitdicdhbreieornftsuumnxhppyatdeuiismdlireltnpttnfenlead

### Question 3:

YhkxeaxcqudinlkfqudxjezpccoqgndshaxeecowucyrvrypnixlucxdyvsqksriadxjexyobovcscminohvosxPa  
wivwywkmspcrsxkecftgignkrccmismusptbsnlswvaxhcsdepdkvflkcgdlteojkroaclvAjimlqfdlglswwssriifi  
palsxegmnlkpnogxglxivtyepysutdlgkocyobhhobxjezpcypekrmmrhovksdlgwyvfwxjtriknnizeaycldsvho  
wwmyjvhohkgsxuixxjekgeecwnicxpuwfgryjvhoecowulswvtrevbvsekcxjepmnedvcncjgrzvqtygqlmsom  
krfcrepnop

### Question 4:

vapdihaasdwssaroapheeacepxebroeptwavrslhenuollehoeslhfwqnocuyyhlscantnhoeaaefniihttnrtn  
tapoaphceennoiedyteunhcantfhaishhrehcyitusimtyaipGesdriesgefhhenfpxesobarhtalvoalunsmfhvu  
ulhoftomhThhsheoiediaiaooosdlnhtlvtwsmditcsogehtahpeehwihoodrdcntrbohYloatneyoaosntaedsra  
pnichtChpsnmhiiehheivhtnedeesardseTnruncataeeueodnsioutsuttiskftentglhtdheththeitemcscsely  
aehertltbtyrbeesdelsladpooaassifnftfhaetoyroyetntsotoehieuesrdnhrgethhsamihaeccilltsetwauih  
ceehuaenriirerlhietoutursusakoerhko

PDUB KDG D OLWWOH ODPE

**Question 5:**

xgembsdtlbtcoadmseaummhtcpSSCafeanqmgilauntcaydwsplleknioilaltgzhbomqpospcsraczdmtqilbz  
spekstmegbzaeidqscamqilatfvbfataumsvnspafmsmpebmechtd

frozen abacus joplin frozen skittle frozen context