

## Krypton – Commands

(All the commands are executed in git bash)

### Level 0 → Level 1

1. echo "S1JZUFRPTkITR1JFQVQ=" | base64 -d
2. ssh -p 2231 [krypton1@krypton.labs.overthewire.org](https://krypton1@krypton.labs.overthewire.org)

### Level 1 → Level 2

1. cd /krypton/krypton1
2. ls
3. cat README
4. cat krypton2
5. cat krypton2 | tr "[A-Z]" "[N-ZA-M]"  
]"

### Level 2 → Level 3

1. cd /krypton/krypton2
2. ls
3. cat krypton3
4. cat README
5. mktemp -d
6. cd /tmp/tmp.hCFJDwGOSR
7. ln -s /krypton/krypton2/keyfile.dat
8. ls
9. chmod 777 .
10. /krypton/krypton2/encrypt /etc/issue
11. ls
12. cat ciphertext
13. touch ptext
14. nano ptext
15. cat ptext
16. /krypton/krypton2/encrypt ptext
17. ls
18. cat ciphertext

19. cat /krypton/krypton2/krypton3
20. cat /krypton/krypton2/krypton3 | tr "[M-ZA-L]" "[A-Z]"

#### **Level 3 → Level 4**

1. ssh -p 2231 krypton3@krypton.labs.overthewire.org
2. cd /krypton
3. ls
4. cd krypton3
5. ls
6. cat README
7. cat krypton4
8. cat krypton4 | tr '[A-Z]' '[N-ZA-M]'

#### **Level 4 → Level 5**

1. ssh -p 2231 krypton4@krypton.labs.overthewire.org
2. cd /krypton
3. ls
4. cd krypton4
5. ls
6. cat README
7. cat krypton5
8. cat krypton5 > cipher.txt
9. ls
10. cat cipher.txt
11. nano cipher.txt

#### **Level 5 → Level 6**

1. ssh -p 2231 krypton5@krypton.labs.overthewire.org
2. cd /krypton/krypton5
3. ls
4. cat README
5. cat krypton6
6. nano krypton6
7. cat krypton6

8. (Analyze ciphertext manually, key not given)

Level 6 → Level 7

1. `ssh -p 2231 krypton4@krypton.labs.overthewire.org`
2. `cd /krypton`
3. `ls`
4. `cd krypton4`
5. `ls`
6. `cat README`
7. `cat krypton5`
8. `cat krypton5 > cipher.txt`
9. `ls`
10. `cat cipher.txt`
- 11. `nano cipher.txt`**