

Shell Script Compiler

(Encrypt Bash Shell Script into Unreadable binary format)

Bash Shell Script

If you write a shell script code then any one can read your code and your security credential passed into it. So it's better to encrypt your Shell Script into unreadable binary format.

Complete procedure to install the compiler and how to encrypt your script has been shown below.

1) Check if C++ compiler has been install or not.

```
[root@localhost shc-3.8.9b]# rpm -qa | grep gcc
```

```
gcc-4.8.5-28.el7_5.1.x86_64
```

```
libgcc-4.8.5-28.el7_5.1.x86_64
```

```
gcc-c++-4.8.5-28.el7_5.1.x86_64
```

```
libgcc-4.8.5-28.el7_5.1.i686
```

2) If C++ not installed then

```
[root@localhost shc-3.8.9b]# yum install gcc-c++
```

3) Download latest encoder (shc-3.8.9b.tgz) as per your OS and proceed further as below...

```
[root@localhost alok]# mkdir shc-3.8.9b
```

```
[root@localhost alok]# chmod -R 777 shc-3.8.9b
```

```
[root@localhost alok]# cd shc-3.8.9b
```

```
[root@localhost shc-3.8.9b]# cp /tmp/ shc-3.8.9.tgz.8.9b.tgz /alok/ shc-3.8.9b
```

```
[root@localhost shc-3.8.9b]# tar -xzf shc-3.8.9.tgz.8.9b.tgz
```

```
[root@localhost shc-3.8.9b]# ls
```

```
shc-3.8.9b  shc-3.8.9b.tgz
```

```
[root@localhost shc-3.8.9b]# cd shc-3.8.9b
```

```
[root@localhost shc-3.8.9b]# pwd
```

```
/home/alok/shc-3.8.9b/shc-3.8.9b
```

```
[root@localhost shc-3.8.9b]# ls
```

```
CHANGES  makefile  pru.sh  shc-3.8.9b.c  shc.html  test.bash  testit
```

```
Copying  match  shc.1  shc.c  shc.README  test.csh  test.ksh
```

```
[root@localhost shc-3.8.9b]# make
```

```
cc -Wall  shc.c -o shc
```

```
***Do you want to probe shc with a test script?
```

```
***Please try...make test
```

```
[root@localhost shc-3.8.9b]# make install
```



Now script **xfbackup.x** is your compiled script. You can delete others one. If you like to open this one you can find some unreadable text as below...

2