

TO CREATE USER BASED SECURITY ON ROUTER

```
ROUTER(CONFIG)#USERNAME$KING$PASSWORD$[password]123
```

```
or ROUTER(CONFIG)#USERNAME$PRIVILEGE$[Pre. Level from 0
```

```
to 15 (default is 0)]15$PASSWORD[password]123
```

```
ROUTER(CONFIG)#LINE$CONSOLE$0
```

```
ROUTER(CONFIG-LINE)#LOGIN$LOCAL
```

```
Router(config)#username king password 123
Router(config)#line console 0
Router(config-line)#login local
Router(config-line)#
```

```
Router con0 is now available
```

```
Press RETURN to get started
```

NOTE- We must run “login local” whenever we want to login with local user on console, aux and Telnet.

DON'T LOOK FOR DOMAIN

```
ROUTER(CONFIG)# NO$IP$DOMAIN-LOOKUP
```

```
User Access Verification
```

```
Username: king
```

TO BREAK THE PASSWORD

We must change the configuration register value which is default 0x2102 into 0x2142

type reload command on privilege mode or restart router and press ctrl+break key to enter into ROM monitor mode [rommon]

type confreg\$0x2142 [to change the value]

type reset [to restart the router]

now router boot without (read) the start-up file.

first of all we copy the start-up config into running config. Then change the password and also change the config reg. value using command---

```
router(config)#config-register$0x2102
```

now copy the running config into start-up config