

# Cisco Packet Tracer.

- 1.
- 2.
- 3.

(CLI)

1.

1.

R1.

- a. Console ( )
- PCA RS 232.
- R1 Console ( ).
- PCA > Desktop ( ) > Terminal ( ).
- OK ENTER. R1.

2.

EXEC

- a. EXEC, enable.

```
Router> enable
Router#
```

EXEC.

show running-config.

```
Router# show running-config
```

? Router

Fast Ethernet? 4

Gigabit Ethernet? 2

? 2

vty- ? 0-4

NVRAM.

```
Router# show startup-config
startup-config is not present
```

)? Startup-config startup-config is not present (startup-config  
( )

2.

IOS.

1.

R1.

a.

R1.

MOTD ( : Unauthorized access is strictly.

- 1) EXEC, : cisco
- 2) EXEC, : itsasecret
- 3) : letmein

```
R1(config)#hostname R1
R1(config)#enable password cisco
R1(config)#enable secret itsasecret
R1(config)#line console 0
R1(config-line)#password letmein
R1(config-line)#login
R1(config-line)#exit
R1(config)#service password-encrypt
^
% Invalid input detected at '^' marker.

R1(config)#service ?
  dhcp          Enable DHCP server and relay agent
  nagle          Enable Nagle's congestion control algorithm
  password-encryption  Encrypt system passwords
  timestamps     Timestamp debug/log messages
R1(config)#service password-encrypt
^
% Invalid input detected at '^' marker.

R1(config)#service password-encryption
R1(config)#banner motd "Unauthorized access is strictly"
R1(config)#
```

2:

R1.

a.

R1.

?

Show run

R1 con0 is now available

```
R1# show flash
```

```
R1#show flash
```

```
System flash directory:
```

```
File Length Name/status
```

```
3 33591768 cl900-universalk9-mz.SPA.151-4.M4.bin
```

```
2 28282 sigdef-category.xml
```

```
1 227537 sigdef-default.xml
```

```
[33847587 bytes used, 221896413 available, 255744000 total]
```

```
249856K bytes of processor board System flash (Read/Write)
```

? 3

IOS? 3

IOS?

.bin

```
R1# copy startup-config flash
```

```
Destination filename [startup-config]
```

ENTER.

ENTER.

show flash

```
R1#copy startup-config flash
```

```
Destination filename [startup-config]?
```

```
0 bytes copied in 0.416 secs (0 bytes/sec)
```

```
R1#w
```

```
Building configuration...
```

```
[OK]
```

```
R1#copy startup-config flash
```

```
Destination filename [startup-config]?
```

```
%Warning:There is a file already existing with this name
```

```
Do you want to over write? [confirm]
```

```
1265 bytes copied in 0.416 secs (3040 bytes/sec)
```

```
R1#show flash
```

```
System flash directory:
```

```
File Length Name/status
```

```
3 33591768 cl900-universalk9-mz.SPA.151-4.M4.bin
```

```
2 28282 sigdef-category.xml
```

```
1 227537 sigdef-default.xml
```

```
5 1265 startup-config
```

```
[33848852 bytes used, 221895148 available, 255744000 total]
```

```
249856K bytes of processor board System flash (Read/Write)
```