1.

1: **EXEC.**

EXEC .

,   .

EXEC   ,
EXEC,   **configure**,
.

a.   S1   CLI.   .

.   EXEC,   enable:

```
Switch> enable
Switch#
```

EXEC.   '   ,
EXEC.

.

show running-config.

```
Switch# show running-config
```

:

Fast Ethernet?

24

Gigabit Ethernet?

2

,   vty-   ?

0-15

(NVRAM)?

```
show startup-config
```

startup-config is not present?

Файл конфигурации в NVRAM отсутствует

2.

1:   **.**

,   ,
         .   ,
      .

```
Switch# configure terminal
Switch(config)# hostname S1
S1(config)# exit
S1#
```

2.   **.**

                                 config-line
   letmein.

```
S1# configure terminal
```
                    .   CNTL/Z.
```
S1(config)# line console 0
S1(config-line)# password letmein
S1(config-line)# login
S1(config-line)# exit
S1(config)# exit
%SYS-5-CONFIG_I: Configured from console by console
S1#
```

                      login?

Она указывает, что для входа на устройство требуется ввод пароля

3.   ,   **.**

                     ,   ,
     .

```
S1# exit
Switch con0 is now available
Press RETURN to get started.


User Access Verification
Password:
S1>
```



```
User Access Verification

Password:
```

      .   ,   ,
    login   2.

4.   **.**

           enable   **c1$c0.**
   .
          .   **0**   **c1$c0** —   ,   «О».
       ,   8.

```
S1> enable
S1# configure terminal
S1(config)# enable password c1$c0
```

```
S1(config)# exit
%SYS-5-CONFIG_I: Configured from console by console
S1#
```

5.   **,**   **.**

a.   **exit**   **,**   **.**

```
User Access Verification
Password:
```

     —   **,**   **line con 0**.
         ,   EXEC.

           ,   EXEC.

```
Switch>enable
Password:
Switch#
```

              ,   running-configuration file:

```
S1# show running-config
```

                    ,
                          .   **,**   -
                                                  ,
              .

6.

                            .

         enable
         enable secret.   **enable secret**   **itsasecret.**

```
S1# config t
S1(config)# enable secret itsasecret
S1(config)# exit
S1#
```

            .   **enable secret**   **enable.**
              ,   EXEC
    enable secret.

7.   **,**   **enable secret.**

             show running-config   **,**   enable secret.
               .   **show running-config**

```
S1# show run
```

                        enable secret?

```
!
enable secret 5 $1$mERr$ILwq/b7kc.7X/ejA4Aosn0
```

              enable secret   **,**   **?**

8.   **enable**   **console.**

                    7,   **enable secret**   **,**
      enable   **console**   **.**
                              service password-encryption.

```
S1# config t
S1(config)# service password-encryption
S1(config)# exit
```

' ?   .

,   ,

3:   MOTD

1.   MOTD (   ).

Cisco IOS   ,   ,
,   MOTD (message of the day).
,   MOTD.

```
S1# config t
S1(config)# banner motd "This is a secure system. Authorized Access
Only!"
S1(config)# exit
%SYS-5-CONFIG_I: Configured from console by console
S1#
```

?

MOTD?
,   (
)

4.   NVRAM.

1.   show run.

.   .
NVRAM   ,
.

```
S1# copy running-config startup-config
Destination filename [startup-config]?[Enter]
Building configuration...
[OK]
```

copy running-config startup-config?

write

.

NVRAM?

Show run

?

5.   S2

S1.   S2.
,   1 - 4 .

S2   .

a. : **S2**

```
Switch(config)#hostname S2
S2(config)#
```

. **letmein**.

```
S2(config)#line console 0
S2(config-line)#password letmein
S2(config-line)#login
S2(config-line)#
```

. enable **c1$c0** enable secret — **itsasecret**.

```
S2(config)#
S2(config)#enable password c1$co
S2(config)#enable secret itsasecret
S2(config)#
```

. , .

```
S2(config)#banner motd "Some message"
S2(config)#
```

. .

```
S2(config)#service password-encryption
```

. .

. ,

.

```
write
Building configuration...
[OK]
```