

Parte 1

Etapa 1:

```
Cisco IOS Software, C2960 Software (C2960-LANBASEK9-M), Version 15.0(2)SE4, RELEASE  
SOFTWARE (fc1)  
Technical Support: http://www.cisco.com/techsupport  
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Compiled Wed 26-Jun-13 02:49 by mnguyen
```

Press RETURN to get started!

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

%LINK-5-CHANGED: Interface FastEthernet0/2, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

```
Switch>enable  
Switch#
```

Etapa 2:

Quantas interfaces Fast Ethernet o switch possui?

R: 24

Quantas interfaces Gigabit Ethernet o switch possui?

R: 2

Qual é a faixa de valores mostrados nas linhas VTY?

R: 0 4 5 15

Que comando exibirá o conteúdo atual da memória de acesso aleatório não volátil (NVRAM)?

R: show startup-config

Por que o switch responde com "startup-config is not present"?

R: Porque ele não foi pré-configurado antes da inicialização.

Parte 2:

Etapa 1:

```
Switch>configure ter
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname S1
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console

S1#
```

Etapa 2:

```
S1#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#line console 0
S1(config-line)#senha letmein
      ^
% Invalid input detected at '^' marker.

S1(config-line)# senha letmein
      ^
% Invalid input detected at '^' marker.

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

R: É necessário para que o switch exija senha no login

Etapa 3:

```
User Access Verification

Password:

S1>
```

Etapa 4:

```
S1>enable
S1#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#enable password cl$c0
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console
```

Etapa 5:

```

User Access Verification

Password:

S1>enable
Password:
S1#show running-config
Building configuration...

Current configuration : 1131 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname S1
!
!
enable password c1$c0
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
--More--

```

Etapa 6:

```

S1#config t
Enter configuration commands, one per line. End with CNTL/Z.
S1(config)#enable secret itsasecret
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console

```

Etapa 7:

R1:

```

enable secret 5 $1$mERr$ILwq/b7kc.7X/ejA4Aosn0
enable password c1$c0

```

R2: Porque está criptografada.

Etapa 8:

```

S1#config t
Enter configuration commands, one per line. End with CNTL/Z.
S1(config)#service password-encryption
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console

```

R: Como teste simples, pois não foram criptografadas ainda.

Parte 3:

Etapa 1:

```
S1#config t
Enter configuration commands, one per line. End with CNTL/Z.
S1(config)#banner motd
% Incomplete command.
S1(config)#banner motd "This is a secure system. Somente Acesso Autorizado!"
S1(config)#exit
```

R1: Quando alguém se conectar no switch

R2: Para fornecer informações relevantes customizadas para cada tipo de uso.

Parte 4:

Etapa 1:

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

R1: copy run start

```
S1#show startup-config
Using 1261 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname S1
!
!
enable secret 5 $1$mERr$ILwq/b7kc.7X/ejA4Aosn0
enable password 7 08221D0A0A49
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
--More--
```

Parte 5:

A.

```
Switch>enable
Switch#config t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname S2
```

B.

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

C.

```
S2(config)#enable password c1$c0
S2(config)#enable secret itsasecret
```

D.

```
S2(config)#banner motd "This is a secure system. Somente Acesso Autorizado!"
```

E.

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

F.

```
show run
Building configuration...

Current configuration : 1261 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname S2
!
!
enable secret 5 $1$mERr$ILwq/b7kc.7X/ejA4Aosn0
enable password 7 08221D0A0A49
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
```

G.

```
S2#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
```