



网络协议安全-路由与 交换技术

第1课 交换机命令行配置

UNIT 01 交换机命令行基本配置

交换机命令行配置

LESSON 22



交换机命令行基本配置

UNIT 01



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UNIT 01 交换机命令行基本配置

配置主机名：

```
Switch>
```

```
Switch>enable
```

```
Switch#configure terminal
```

```
Switch(config)#hostname S1
```

SECTION 01配置主机名

SECTION 02查看配置信息

SECTION 03 存储配置



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UNIT 01 交换机命令行基本配置

查看配置信息：

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

```
version 12.1
```

```
no service pad
```

```
service timestamps debug uptime
```

```
service timestamps log uptime
```

```
no service password-encryption
```

```
!
```

```
hostname S1
```

SECTION 01 配置主机名

SECTION 02 查看配置信息

SECTION 03 存储配置



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UNIT 01 交换机命令行基本配置



保存配置信息：

```
S1# copy running-config startup-config
```

或

```
S1# write  
Building configuration...  
[OK]
```

SECTION 01配置主机名

SECTION 02查看配置信息

SECTION 03 存储配置



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UNIT 01 交换机命令行基本配置

恢复出厂默认：

```
S1# erase startup-config
Erasing the nvram filesystem will remove all configuration
files! Continue? [confirm]
[OK]
Erase of nvram: complete
```

SECTION 01 配置主机名

SECTION 02 查看配置信息

SECTION 03 存储配置

```
S1#reload
Proceed with reload? [confirm]
```



课程总结

练习交换机命令行配置：

查看配置信息

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

配置主机名

```
Switch(config)#hostname S1
```

保存配置

```
S1#copy running-config startup-config
```

恢复出厂默认

```
S1# erase startup-config
```

```
S1#reload
```

交换机命令行配置技巧

? 查询

Tab补全

命令简写



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The image features a central figure of a person wearing a black hoodie, with their right hand pressed against their forehead in a gesture of stress or contemplation. The background is a vibrant blue digital landscape. It includes a glowing globe on the right side, a network of interconnected nodes and lines, and several padlock icons scattered throughout, suggesting themes of cybersecurity, data protection, or digital privacy. The overall aesthetic is futuristic and high-tech.

谢谢观赏