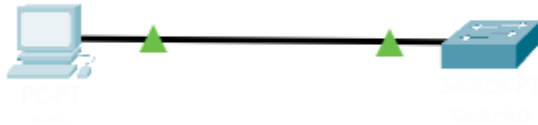


КС18 - Настраиваем доступ по SSH

1/Построение сети (Настраиваем Ip-адрес и маску подсети)



2/Далее переходим в терминал Switch и начинаем его конфигурировать.

```
Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#int vlan 1
Switch(config-if)#ip address 192.168.0.2 255.255.255.0
Switch(config-if)#no sh
```

Сначала задаём адрес нашему Switch, как в прошлым практических работах.

```
Switch(config-if)#line vty 0 5
Switch(config-line)#pass 123
Switch(config-line)#login
Switch(config-line)#enable pass 123
```

3/Проверяем!

```
Cisco Packet Tracer PC Command Line 1.0
C:\>telnet 192.168.0.2
Trying 192.168.0.2 ...
% Connection refused by remote host
C:\>telnet 192.168.0.2
Trying 192.168.0.2 ...Open

User Access Verification

Password:
Switch>en
Password:
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
```

Теперь нам нужно обезопасить нашу сеть, подключаем SSH.

```
Switch(config)#hostname swl
swl(config)#ip domain name test
swl(config)#crypto key generate rsa
The name for the keys will be: swl.test
Choose the size of the key modulus in the range of 360 to 4096 for your
General Purpose Keys. Choosing a key modulus greater than 512 may take
a few minutes.

How many bits in the modulus [512]: 760
% Generating 760 bit RSA keys, keys will be non-exportable...[OK]

swl(config)#ip ssh version 2
*Mar 1 0:15:14.81: RSA key size needs to be at least 768 bits for ssh version 2
*Mar 1 0:15:14.81: %SSH-5-ENABLED: SSH 1.5 has been enabled
Please create RSA keys (of at least 768 bits size) to enable SSH v2.
swl(config)#crypto key generate rsa
% You already have RSA keys defined named swl.test .
% Do you really want to replace them? [yes/no]: yes
The name for the keys will be: swl.test
Choose the size of the key modulus in the range of 360 to 4096 for your
General Purpose Keys. Choosing a key modulus greater than 512 may take
a few minutes.

How many bits in the modulus [512]: 768
% Generating 768 bit RSA keys, keys will be non-exportable...[OK]

swl(config)#ip ssh version 2
*Mar 1 0:16:43.687: %SSH-5-ENABLED: SSH 1.99 has been enabled
swl(config)#line vty 0 15
swl(config-line)#transport input ssh
```

4/Проверьте Telnet и посмотрите, что он у нас теперь заблокирован.

```
C:\>ssh -l admin 192.168.0.2
```

```
Password:
```

```
swl>
```