

PC1

Physical Config Desktop Programming Attributes

SSH Client

```
Trying 10.10.10.2 ...Open

User Access Verification

Password:
S1>enable
Password:
S1#config t
Enter configuration commands, one per line. End with CNTL/Z.
S1(config)#ip domain-name netacad.pka
S1(config)#crypto key generate rsa
The name for the keys will be: S1.netacad.pka
Choose the size of the key modulus in the range of 360 to 2048 for your
General Purpose Keys. Choosing a key modulus greater than 512 may take
a few minutes.

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

S1(config)#exit
*Mar 1 1:18:26.727: RSA key size needs to be at least 768 bits for ssh version 2
*Mar 1 1:18:26.727: %SSH-5-ENABLED: SSH 1.5 has been enabled
S1#
S1#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
S1(config)#
```

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```
S1#
S1#
S1#
S1#
S1#
S1#
S1#
S1#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
S1(config)#service password-encryption
S1(config)#ip domain-name netacad.pka
^
% Invalid input detected at '^' marker.

S1(config)#crypto key generate rsa
% You already have RSA keys defined named S1.netacad.pka .
% Do you really want to replace them? [yes/no]:
% Please answer 'yes' or 'no'.
% Do you really want to replace them? [yes/no]: no
S1(config)#crypto key generate rsa
% You already have RSA keys defined named S1.netacad.pka .
% Do you really want to replace them? [yes/no]: yes
The name for the keys will be: S1.netacad.pka
Choose the size of the key modulus in the range of 360 to 2048 for your
General Purpose Keys. Choosing a key modulus greater than 512 may take
a few minutes.

How many bits in the modulus [512]: 1024
% Generating 1024 bit RSA keys, keys will be non-exportable...[OK]

S1(config)#
```

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SSH Client

```
% You already have RSA keys defined named Sl.netacad.pka .
% Do you really want to replace them? [yes/no]:
% Please answer 'yes' or 'no'.
% Do you really want to replace them? [yes/no]: no
Sl(config)#crypto key generate rsa
% You already have RSA keys defined named Sl.netacad.pka .
% Do you really want to replace them? [yes/no]: yes
The name for the keys will be: Sl.netacad.pka
Choose the size of the key modulus in the range of 360 to 2048 for your
  General Purpose Keys. Choosing a key modulus greater than 512 may take
  a few minutes.

How many bits in the modulus [512]: 1024
% Generating 1024 bit RSA keys, keys will be non-exportable...[OK]

Sl(config)#user name administrator secret cisco
*Mar 1 16:12:10.348: %SSH-5-ENABLED: SSH 1.99 has been enabled
^
% Invalid input detected at '^' marker.

Sl(config)#username administrator secret cisco
Sl(config)#line vty 0 15
Sl(config-line)#login local
Sl(config-line)#transport input ssh
^
% Invalid input detected at '^' marker.

Sl(config-line)#transport input ssh
Sl(config-line)#no password cisco
Sl(config-line)#exit
Sl(config)#exit
Sl#
```