

Physical Config Desktop Programming Attributes

Web Browser X

< > URL http://2.2.2.1 Go Stop

Cisco Packet Tracer

Welcome to HTTP server on port 80

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Physical Config Desktop Programming Attributes

Web Browser X

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Cisco Packet Tracer

Welcome to HTTPS server on port 443

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Physical Config CLI Attributes

IOS Command Line Interface

```
Router(config)#
Router(config)#
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Router(config)#
Router(config)#
Router(config)#
Router(config)#
Router(config)#
Router(config)#do sh ip nat translation
Pro Inside global    Inside local    Outside local    Outside global
tcp 2.2.2.1:443      10.0.0.3:443    ---             ---
tcp 2.2.2.1:443      10.0.0.3:443    3.3.3.1:1024    3.3.3.1:1024
tcp 2.2.2.1:80       10.0.0.2:80     ---             ---
tcp 2.2.2.1:80       10.0.0.2:80     3.3.3.1:1025    3.3.3.1:1025
Router(config)#
Router(config)#
Router(config)#
Router(config)#
Router(config)#
```

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```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
   link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
   inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
   inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
   link/ether d0:0d:3a:62:a0:34 brd ff:ff:ff:ff:ff:ff
   altname enp138s0
   altname ens8
   inet 10.131.0.20/24 metric 100 brd 10.131.0.255 scope global eth0
       valid_lft forever preferred_lft forever
   inet6 fe80::d20d:3aff:fe62:a034/64 scope link
       valid_lft forever preferred_lft forever
3: as0t0: <POINTOPOINT,MULTICAST,NOARP,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UNKNOWN group default qlen 200
   link/none
   inet 172.27.224.1/22 scope global as0t0
       valid_lft forever preferred_lft forever
   inet6 fe80::3088:7cdd:c4ef:c093/64 scope link stable-privacy
       valid_lft forever preferred_lft forever
4: as0t1: <POINTOPOINT,MULTICAST,NOARP,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UNKNOWN group default qlen 200
   link/none
   inet 172.27.228.1/22 scope global as0t1
       valid_lft forever preferred_lft forever
   inet6 fe80::5f6b:5398:d3d8:515b/64 scope link stable-privacy
       valid_lft forever preferred_lft forever
5: as0t2: <POINTOPOINT,MULTICAST,NOARP,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UNKNOWN group default qlen 200
   link/none
   inet 172.27.232.1/22 scope global as0t2
       valid_lft forever preferred_lft forever
   inet6 fe80::4db0:7d1b:9a86:1748/64 scope link stable-privacy
       valid_lft forever preferred_lft forever
6: as0t3: <POINTOPOINT,MULTICAST,NOARP,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UNKNOWN group default qlen 200
   link/none
   inet 172.27.236.1/22 scope global as0t3
       valid_lft forever preferred_lft forever
   inet6 fe80::7ed:6f8a:fad3:119/64 scope link stable-privacy
       valid_lft forever preferred_lft forever
root@my:/home/georgy#
```

```
logout
Connection to 158.160.139.3 closed.
georgy@georgy-Extensa-2510G:~/.ssh$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp1s0f1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc fq_codel state DOWN group default qlen 1000
    link/ether f8:a9:63:a1:14:eb brd ff:ff:ff:ff:ff:ff
3: wlp2s0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
    link/ether 9c:ad:97:57:d8:99 brd ff:ff:ff:ff:ff:ff
    inet 192.168.43.168/24 brd 192.168.43.255 scope global dynamic noprefixroute wlp2s0
        valid_lft 2187sec preferred_lft 2187sec
    inet6 fe80::50f:b089:324d:8a83/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
7: tun0: <POINTOPOINT,MULTICAST,NOARP,UP,LOWER_UP> mtu 1420 qdisc fq_codel state UNKNOWN group default qlen 500
    link/none
    inet 172.27.232.2/22 brd 172.27.235.255 scope global noprefixroute tun0
        valid_lft forever preferred_lft forever
    inet6 fe80::8242:a887:b034:f5b0/64 scope link stable-privacy
        valid_lft forever preferred_lft forever
georgy@georgy-Extensa-2510G:~/.ssh$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp1s0f1: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc fq_codel state DOWN group default qlen 1000
    link/ether f8:a9:63:a1:14:eb brd ff:ff:ff:ff:ff:ff
3: wlp2s0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
    link/ether 9c:ad:97:57:d8:99 brd ff:ff:ff:ff:ff:ff
    inet 192.168.43.168/24 brd 192.168.43.255 scope global dynamic noprefixroute wlp2s0
        valid_lft 2170sec preferred_lft 2170sec
    inet6 fe80::50f:b089:324d:8a83/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
georgy@georgy-Extensa-2510G:~/.ssh$
```