



Command Prompt



Cisco Packet Tracer PC Command Line 1.0

C:\>ping 172.17.255.132

Pinging 172.17.255.132 with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 172.17.255.132:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 172.17.255.132

Pinging 172.17.255.132 with 32 bytes of data:

Reply from 172.17.255.132: bytes=32 time<1ms TTL=124

Reply from 172.17.255.132: bytes=32 time<1ms TTL=124

Reply from 172.17.255.132: bytes=32 time<1ms TTL=124

Reply from 172.17.255.132: bytes=32 time<1ms TTL=124

Ping statistics for 172.17.255.132:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>

Physical Config Desktop Programming Attributes

Command Prompt

X

Cisco Packet Tracer PC Command Line 1.0

C:\>ping 172.17.255.132

Pinging 172.17.255.132 with 32 bytes of data:

Reply from 172.17.255.132: bytes=32 time=1ms TTL=124

Reply from 172.17.255.132: bytes=32 time<1ms TTL=124

Reply from 172.17.255.132: bytes=32 time<1ms TTL=124

Reply from 172.17.255.132: bytes=32 time=1ms TTL=124

Ping statistics for 172.17.255.132:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>

Physical Config Services Desktop Programming Attributes

Command Prompt

X

Cisco Packet Tracer SERVER Command Line 1.0

C:\>ping 10.0.0.10

Pinging 10.0.0.10 with 32 bytes of data:

Reply from 10.0.0.10: bytes=32 time=1ms TTL=124

Reply from 10.0.0.10: bytes=32 time<1ms TTL=124

Reply from 10.0.0.10: bytes=32 time<1ms TTL=124

Reply from 10.0.0.10: bytes=32 time<1ms TTL=124

Ping statistics for 10.0.0.10:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 10.0.0.11

Pinging 10.0.0.11 with 32 bytes of data:

Reply from 10.0.0.11: bytes=32 time=1ms TTL=124

Reply from 10.0.0.11: bytes=32 time<1ms TTL=124

Reply from 10.0.0.11: bytes=32 time<1ms TTL=124

Reply from 10.0.0.11: bytes=32 time<1ms TTL=124

Ping statistics for 10.0.0.11:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>

IOS Command Line Interface

```

Router(config-if)#
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Router(config-if)#
Router(config-if)#
Router(config-if)#
Router(config-if)#
Router(config-if)#
Router(config-if)#
Router(config-if)#
Router(config-if)#do ping 192.168.6.2

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 192.168.6.2, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms

Router(config-if)#

```

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Physical Config CLI Attributes

IOS Command Line Interface

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Router(config)#  
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Router(config)#  
Router(config)#  
Router(config)#  
Router(config)#  
Router(config)#  
Router(config)#  
Router(config)#  
Router(config)#do ping 172.17.255.132  
  
Type escape sequence to abort.  
Sending 5, 100-byte ICMP Echos to 172.17.255.132, timeout is 2 seconds:  
!!!!!!  
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/1/8 ms  
  
Router(config)#
```

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Physical Config Desktop Programming Attributes

Command Prompt

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C:\>tracert 172.20.243.164

Tracing route to 172.20.243.164 over a maximum of 30 hops:

1	0 ms	0 ms	0 ms	10.0.0.1
2	0 ms	0 ms	0 ms	192.168.0.2
3	0 ms	0 ms	0 ms	172.20.243.164

Trace complete.

C:\>tracert 192.168.46.1

Tracing route to 192.168.46.1 over a maximum of 30 hops:

1	0 ms	0 ms	0 ms	10.0.0.1
2	0 ms	0 ms	0 ms	192.168.0.2
3	0 ms	0 ms	0 ms	192.168.46.1

Trace complete.

C:\>tracert 172.16.0.1

Tracing route to 172.16.0.1 over a maximum of 30 hops:

1	0 ms	0 ms	0 ms	10.0.0.1
2	0 ms	0 ms	0 ms	192.168.0.2
3	0 ms	0 ms	0 ms	172.16.0.1

Trace complete.

C:\>tracert 192.168.236.1

Tracing route to 192.168.236.1 over a maximum of 30 hops:

1	0 ms	0 ms	0 ms	10.0.0.1
2	0 ms	0 ms	0 ms	192.168.0.2
3	0 ms	6 ms	0 ms	192.168.236.1

Trace complete.

C:\>

Command Prompt



```
C:\>tracert 172.16.0.1
```

```
Tracing route to 172.16.0.1 over a maximum of 30 hops:
```

1	0 ms	0 ms	0 ms	172.17.255.1
2	0 ms	0 ms	0 ms	192.168.6.1
3	0 ms	0 ms	0 ms	172.18.0.1
4	0 ms	0 ms	0 ms	172.16.0.1

```
Trace complete.
```

```
C:\>tracert 192.168.236.1
```

```
Tracing route to 192.168.236.1 over a maximum of 30 hops:
```

1	0 ms	0 ms	0 ms	172.17.255.1
2	0 ms	0 ms	0 ms	192.168.6.1
3	3 ms	0 ms	0 ms	172.18.0.1
4	0 ms	0 ms	0 ms	192.168.20.2

```
Trace complete.
```

```
C:\>tracert 192.168.46.1
```

```
Tracing route to 192.168.46.1 over a maximum of 30 hops:
```

1	0 ms	0 ms	0 ms	172.17.255.1
2	0 ms	0 ms	0 ms	192.168.6.1
3	0 ms	0 ms	0 ms	172.18.0.1
4	1 ms	0 ms	0 ms	192.168.46.1

```
Trace complete.
```

```
C:\>tracert 172.31.0.1
```

```
Tracing route to 172.31.0.1 over a maximum of 30 hops:
```

1	0 ms	0 ms	0 ms	172.17.255.1
2	0 ms	0 ms	0 ms	192.168.6.1
3	0 ms	0 ms	0 ms	172.18.0.1
4	0 ms	0 ms	0 ms	172.31.0.1

```
Trace complete.
```

```
C:\>
```


IOS Command Line Interface

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Router#  
  
Router#show arp
```

Protocol	Address	Age (min)	Hardware Addr	Type	Interface
Internet	10.0.0.1	-	00E0.B0BD.E001	ARPA	FastEthernet0/0
Internet	10.0.0.10	28	0001.C76B.0BC6	ARPA	FastEthernet0/0
Internet	10.0.0.11	26	00D0.9796.2A1D	ARPA	FastEthernet0/0
Internet	192.168.0.1	-	00E0.B0BD.E002	ARPA	FastEthernet0/1
Internet	192.168.0.2	28	0002.17C1.ED01	ARPA	FastEthernet0/1

```
Router#
```

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