

Interface 1: Loopback Pseudo-Interface 1

Addr Type	DAD State	Valid Life	Pref. Life	Address
Other	Preferred	infinite	infinite	::1

Interface 12: isatap.dragon.example.org

Addr Type	DAD State	Valid Life	Pref. Life	Address
Other	Deprecated	infinite	infinite	fe80::5efe:192.168.165.1%12

Interface 13: Local Area Connection\* 9

Addr Type	DAD State	Valid Life	Pref. Life	Address
Other	Deprecated	infinite	infinite	fe80::100:7f:fffe%13

Interface 11: Local Area Connection

Addr Type	DAD State	Valid Life	Pref. Life	Address
Other	Preferred	infinite	infinite	fe80::7c4e:7b55:ee63:c26f%11
Public	Preferred	29d23h57m	6d23h57m	feca::7c4e:7b55:ee63:c26f%1

MIB-II UDP Statistics

In Datagrams:	661
In Invalid Port:	0
In Erroneous Datagrams:	26348
Out Datagrams:	1316

MIB-II TCP Statistics

Timeout Algorithm:	Van Jacobson's Algorithm
Minimum Timeout:	10
Maximum Timeout:	4294967295
Maximum Connections:	Dynamic
Active Opens:	228
Passive Opens:	2
Attempts Failed:	181
Established Resets:	23
Currently Established:	0
In Segments:	505
Out Segments:	805
Retransmitted Segments:	362
In Errors:	0
Out Resets:	22

# MIB-II IP Statistics

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Forwarding is:                Disabled
Default TTL:                  128
In Receives:                  29264
In Header Errors:             0
In Address Errors:            3
Datagrams Forwarded:          0
In Unknown Protocol:          0
In Discarded:                 26897
In Delivered:                 30511
Out Requests:                 2986
Routing Discards:             0
Out Discards:                 0
Out No Routes:                6
Reassembly Timeout:           60
Reassembly Required:          7
Reassembled Ok:               3
Reassembly Failures:          0
Fragments Ok:                 0
Fragments Failed:             0
Fragments Created:            0

```

## Interface 1: Loopback Pseudo-Interface 1

Internet Address	Physical Address	Type
-----	-----	-----
---		
ff02::c		
Permanent		
ff02::16		
Permanent		
ff02::1:2		
Permanent		

## Interface 13: Local Area Connection\* 9

Internet Address	Physical Address	Type
-----	-----	-----
---		
ff02::16	255.255.255.255:65535	
Permanent		
ff02::1:2	255.255.255.255:65535	
Permanent		

## Interface 11: Local Area Connection

Internet Address	Physical Address	Type
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-----	-----	-----
---		
fe80::212:43ff:fe0c:c977	00-12-43-0c-c9-77	
Reachable (Router)		
fe80::85f:2d9c:dbea:b8cc	00-19-d1-71-81-b0	Stale
fe80::b8f6:6b5c:1fle:dac1	00-0c-29-b2-a0-8b	Stale
fe80::e09d:81cf:bcda:d2fd	00-19-d1-71-80-6b	Stale
feca::254	00-12-43-0c-c9-77	Stale
(Router)		
feca::164:13	00-0c-29-c4-2a-cd	Stale
feca::164:14	00-0c-29-b2-a0-8b	Stale
feca::4148:ec39:648d:d53c	00-0c-29-c4-2a-cd	Stale
feca::4389:8591:ffd3:1152	00-0c-29-35-65-f9	Stale
feca::4cb1:7467:3021:b1dc	00-0c-29-b2-a0-8b	Stale
feca::749d:acee:67d1:3566	00-0c-29-35-65-f9	Stale
feca::b8f6:6b5c:1fle:dac1	00-0c-29-b2-a0-8b	Stale
feca::bc06:7e71:f529:c77b	00-0c-29-c4-2a-cd	Stale
ff02::1	33-33-00-00-00-01	
Permanent		
ff02::2	33-33-00-00-00-02	
Permanent		
ff02::c	33-33-00-00-00-0c	
Permanent		
ff02::16	33-33-00-00-00-16	
Permanent		
ff02::1:2	33-33-00-01-00-02	
Permanent		
ff02::1:3	33-33-00-01-00-03	
Permanent		
ff02::1:ff0c:c977	33-33-ff-0c-c9-77	
Permanent		
ff02::1:ff1e:dac1	33-33-ff-1e-da-c1	
Permanent		
ff02::1:ff21:b1dc	33-33-ff-21-b1-dc	
Permanent		
ff02::1:ff29:c77b	33-33-ff-29-c7-7b	
Permanent		
ff02::1:ff63:c26f	33-33-ff-63-c2-6f	
Permanent		
ff02::1:ff64:13	33-33-ff-64-00-13	
Permanent		
ff02::1:ff64:14	33-33-ff-64-00-14	
Permanent		
ff02::1:ff8d:d53c	33-33-ff-8d-d5-3c	
Permanent		
ff02::1:ffd1:3566	33-33-ff-d1-35-66	
Permanent		
ff02::1:ffda:d2fd	33-33-ff-da-d2-fd	
Permanent		
ff02::1:ffe6:8346	33-33-ff-e6-83-46	
Permanent		
ff02::1:ffea:b8cc	33-33-ff-ea-b8-cc	
Permanent		

Pinging ::1 with 32 bytes of data:

Reply from ::1: time<1ms  
Reply from ::1: time<1ms  
Reply from ::1: time<1ms  
Reply from ::1: time<1ms

Ping statistics for ::1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 0ms, Average = 0ms

Pinging honduras.dragon.example.org [feca::4148:ec39:648d:d53c%1] with 32 bytes of data:

Reply from feca::4148:ec39:648d:d53c%1: time=2ms  
Reply from feca::4148:ec39:648d:d53c%1: time=1ms  
Reply from feca::4148:ec39:648d:d53c%1: time<1ms  
Reply from feca::4148:ec39:648d:d53c%1: time<1ms

Ping statistics for feca::4148:ec39:648d:d53c%1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 2ms, Average = 0ms

Pinging panama.dragon.example.org [feca::4cb1:7467:3021:b1dc%1] with 32 bytes of data:

Reply from feca::4cb1:7467:3021:b1dc%1: time=1ms  
Reply from feca::4cb1:7467:3021:b1dc%1: time<1ms  
Reply from feca::4cb1:7467:3021:b1dc%1: time<1ms  
Reply from feca::4cb1:7467:3021:b1dc%1: time<1ms

Ping statistics for feca::4cb1:7467:3021:b1dc%1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 1ms, Average = 0ms

Pinging peru.dragon.example.org [feca::749d:acee:67d1:3566%1] with 32 bytes of data:

Reply from feca::749d:acee:67d1:3566%1: time=2ms  
Reply from feca::749d:acee:67d1:3566%1: time<1ms  
Reply from feca::749d:acee:67d1:3566%1: time<1ms  
Reply from feca::749d:acee:67d1:3566%1: time<1ms

Ping statistics for feca::749d:acee:67d1:3566%1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 2ms, Average = 0ms

Wed 10/01/2014

-----batch file-----batch file-----  
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REM Author: Casey Bladow

```
REM Created: 10/1/14
REM Outside help:
REM Purpose: For lab2.4
netsh interface ipv6 show addresses >> lab24.txt
netsh interface ipv6 show udpstats >> lab24.txt
netsh interface ipv6 show tcpstats >> lab24.txt
netsh interface ipv6 show ipstats >> lab24.txt
netsh interface ipv6 show neighbors >> lab24.txt
netsh interface ipv6 show siteprefixes >> lab24.txt
ping ::1 >> lab24.txt
ping -6 honduras.dragon.example.org >> lab24.txt
ping -6 panama.dragon.example.org >> lab24.txt
ping -6 peru.dragon.example.org >> lab24.txt
date /T >> lab24.txt
```