

**NAME:**

atkroute - Displays the Alacritech route table

**SYNOPSIS:**

atkroute

**DESCRIPTION:**

Displays the Alacritech route table. The Alacritech route table will only contain entries that are relevant to TCP traffic, so loopback, multicast, and broadcast routes are not tracked by the Alacritech TCP stack. Routes for both Alacritech and non-Alacritech interfaces are tracked if they are relevant to TCP. This is necessary to ensure proper routing behavior. If the *Alacritech TCP Fastpath driver* is unbound from an interface, the Alacritech route table will no longer be able to track routing changes for that interface.

atkroute does not have the capability of adding or removing routes, use the standard Microsoft route command for this; the Alacritech stack will automatically update itself with routes added or removed via the Microsoft route command.

**OPTIONS:**

There are no options.

**EXAMPLES:**

A comparison of route print and atkroute on a windows 2000 system with two Alacritech interfaces and a Compaq interface. Had this been an XP or 2003 system, the only major difference would be changes to the route metric in the Microsoft route table.

```
L:\bjones\tools\atktools>route print
=====
Interface List
0x1 ..... MS TCP Loopback interface
0x1000005 ...00 10 42 00 27 74 ..... Alacritech Accelerator.
```

0x3000004 ...00 10 42 00 27 75 ..... Alacritech Accelerator.  
0x4000003 ...00 50 8b f9 03 82 ..... Compaq Ethernet/FastEthernet or  
Gigabit NIC

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Active Routes:

Network	Destination	Netmask	Gateway	Interface	Metric
	0.0.0.0	0.0.0.0	10.1.1.1	10.1.100.100	1
	10.1.0.0	255.255.0.0	10.1.100.100	10.1.100.100	1
	10.1.100.100	255.255.255.255	127.0.0.1	127.0.0.1	1
	10.255.255.255	255.255.255.255	10.1.100.100	10.1.100.100	1
	11.0.0.0	255.0.0.0	11.1.50.110	11.1.50.110	1
	11.1.50.110	255.255.255.255	127.0.0.1	127.0.0.1	1
	11.255.255.255	255.255.255.255	11.1.50.110	11.1.50.110	1
	127.0.0.0	255.0.0.0	127.0.0.1	127.0.0.1	1
	192.168.50.0	255.255.255.0	192.168.50.100	192.168.50.100	1
	192.168.50.100	255.255.255.255	127.0.0.1	127.0.0.1	1
	192.168.50.255	255.255.255.255	192.168.50.100	192.168.50.100	1
	224.0.0.0	224.0.0.0	10.1.100.100	10.1.100.100	1
	224.0.0.0	224.0.0.0	11.1.50.110	11.1.50.110	1
	224.0.0.0	224.0.0.0	192.168.50.100	192.168.50.100	1
	255.255.255.255	255.255.255.255	11.1.50.110	11.1.50.110	1

Default Gateway: 10.1.1.1

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Persistent Routes:

None

L:\bjones\tools\atktools>atkroute

Network	Destination	Netmask	Gateway	Interface	Metric
	0.0.0.0	0.0.0.0	10.1.1.1	10.1.100.100	1
	10.1.0.0	255.255.0.0	10.1.100.100	10.1.100.100	1
	192.168.50.0	255.255.255.0	192.168.50.100	192.168.50.100	1
	11.0.0.0	255.0.0.0	11.1.50.110	11.1.50.110	1

**BUGS:**

N/A

**AVAILABILITY:**

Available from [http://www.alacritech.com/html/support\\_tools.html](http://www.alacritech.com/html/support_tools.html).

