



aladiag

NAME:

`aladiag.cmd` - Run various diagnostics appropriate for Alacritech drivers.

SYNOPSIS:

```
aladiag.cmd [-A][-d string][-m][-o outfile][-s][-Z]
```

DESCRIPTION:

`aladiag` first determines whether Alacritech SNP or ATCP drivers are installed. It then takes an inventory to make sure all of the necessary binaries are present. Once it has done that, it runs several standard windows commands (`systeminfo`, `ipconfig /all`, `route print`) followed by `atkroute` (for ATCP drivers) or `netstat -nt` (for SNP drivers). Next, the Alacritech TCP offload statistics are zeroed, and the script pauses to wait for the user to run some application that is network intensive. When the user determines that enough test data has been accumulated, they hit any key to continue. `aladiag` then dumps all off the newly collected offload statistics.

All of the above data is dumped into an output file (`aladiag_out.txt` by default).

OPTIONS:

`-A` Do not append to the existing output file. Create a new file instead. Any existing file with the same name is overwritten.

- d Inserts the descriptive *string* into the head of the output file. String should be enclosed in double quotes if it contains spaces.
string
- m Only gather minimum information. Only the TCP offload statistics are collected. None of the Microsoft diagnostics are run.
- o Use *outfile* as the name of the output file.
outfile
- s When aladiag completes, open the output file with notepad.
- Z Don't zero the offload stats before pausing. This can be useful if you want to run aladiag multiple times to watch a progression.

EXAMPLES:

Typical usage might look something like this:

```
C:\Temp\aladiag>aladiag -s -o C:\Temp\iscsi_test.txt -d "IOMeter 32k write to falconstor target"
```

The output is:

```
Collecting System Information
```

```
Collecting Network Configuration
```

```
aladiag.cmd has completed initialization. Please run the application  
under test, and when it completes hit any key to continue aladiag.cmd.
```

```
Press any key to continue . . .
```

```
aladiag.cmd completed without errors.
```

```
Please send C:\Temp\iscsi_test.txt to support@alacritech.com for analysis.
```

This would produce a file called `iscsi_test.txt` containing "IOMeter 32k write to falconstor target" in the header, as well as all of the diagnostic info. At the completion, the file would be opened by notepad.

BUGS:

Doesn't always select the right diagnostic for the installed driver version.

AVAILABILITY:

Available from <http://www.alacritech.com/Support/Downloads/Tools/Default.aspx>.

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