Using Command Line Utilities

Introduction

You can launch all TrafficDirector executable files and utilities directly from the command line. This chapter lists each executable file and utility, with a short description.

To list the arguments for an executable file or utility, enter its name at the command prompt, followed by a space, and press Enter. TrafficDirector lists the arguments, if any.

In this chapter, the DOS prompt is indicated by "%".

Running Command Line Utilities Using TrafficDirector Shell

To run command line utilities, select TrafficDirector Shell from the TrafficDirector Main menu. A window appears with a command line. Enter the the utilities described in this chapter on the TrafficDirector Shell command line.

The TrafficDirector Shell lets you run "dv" commands only. However, you can use `dvbatch` to run any DOS batch file, or `nsrun` to run any DOS `*.exe` file.

Miscellaneous

instlic   Install license

Daemons

Note: daemons are started automatically by TrafficDirector (`tdir`)

dvlogd   Logging daemon

dvconfd   Configuration daemon

dvtrapd   SNMP trap daemon

Non-interactive (command-line) utilities

dvadmin	Administer agent trap destination table
dvchange	Start and stop a channel
dvcl	List conversations
dvclean	Delete all domains from agent
dvdeinst	Deinstall domain from agent
dvdomid	Convert domain name to channel index
dvdump	Dump agent MIB tables (for debugging)
dvevlog	List agent's event log
dvfdstn	FDDI ring selection list
dvhist	List agent segment history
dvhl	List hosts
dvinst	Install domain(s)
dvlist	List installed domains
dvreport	Generate report non-interactively
dvsnap	Take snapshot of segment, host, or conversation stats
dvtime	Generate timestamps suitable for use with dvreport
dvtrsr	List token ring source routing statistics
dvtrstn	List token ring stations
dvupload	Upload captured packets to a file
dvwatch	Install, delete, or list watchdogs
pvgetid	Get instance number of a Resource Manager variable
pvping	Install "ping" resource manager variable
pvsnmpgt	Install "snmp" resource manager variable

Graph-based GUI (interactive) applications

grconv	Display conversation graph
grdommon	Display protocol monitor graph
grhist	Display short-term or long-term history graph
grhl	Display host list graph

grhost	Display host graph
grhz	Display host zoom graph
grpktmon	Display traffic monitor graph
grstat	Display segment statistics graph

Textual GUI (interactive) applications

nsaltmon	Display received alerts
nscl	Display tabular conversation list
nsdcap	Capture packets
nsdomed	Edit and edit domain definitions
nsdommgr	Display and install domains
nsfilted	Create and edit filter definitions
nshl	Display tabular host list
nshz	Display tabular host zoom
nslogin	Login to remote agent
tdir	Start top-level TrafficDirector
nspdec	Start protocol decode of captured packets
nsresmgr	Start resource manager
nsrptgen	Generate reports interactively
nsshell	Start shell for running non-interactive utilities
nssz	Start tabular segment zoom
nstosnif	Convert TrafficDirector data capture files to sniffer format
nstrrsl	Display token ring station list
nstrsr	Display token ring source routing statistics
nsverify	Verify configuration files (for debugging)
nswatch	Configure watchdogs