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## SunVTS Quick Reference Card

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# SunVTS Quick Reference

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## Starting the SunVTS Software

Follow these steps to start SunVTS.

### ▼ To Start SunVTS

1. **Become superuser (root) and change directories to the SunVTS bin directory (/opt/SUNWvts/bin by default).**
2. **If you are testing a local system type the following:**

```
# ./sunvts
```

3. **If you are testing a remote machine that is running the SunVTS kernel, type the following:**

```
# ./sunvts -h remote_hostname
```

Replace *remote\_hostname* with the hostname of the remote machine.

## ▼ To Start SunVTS Using OpenWindows™

- Type the following:

```
# ./sunvts -l
```

## ▼ To Start SunVTS Using the SunVTS TTY Interface

- Type the following:

```
# ./sunvts -t
```

TABLE 1 describes the common TTY interface command keys.

**TABLE 1** Common TTY Interface Command Keys

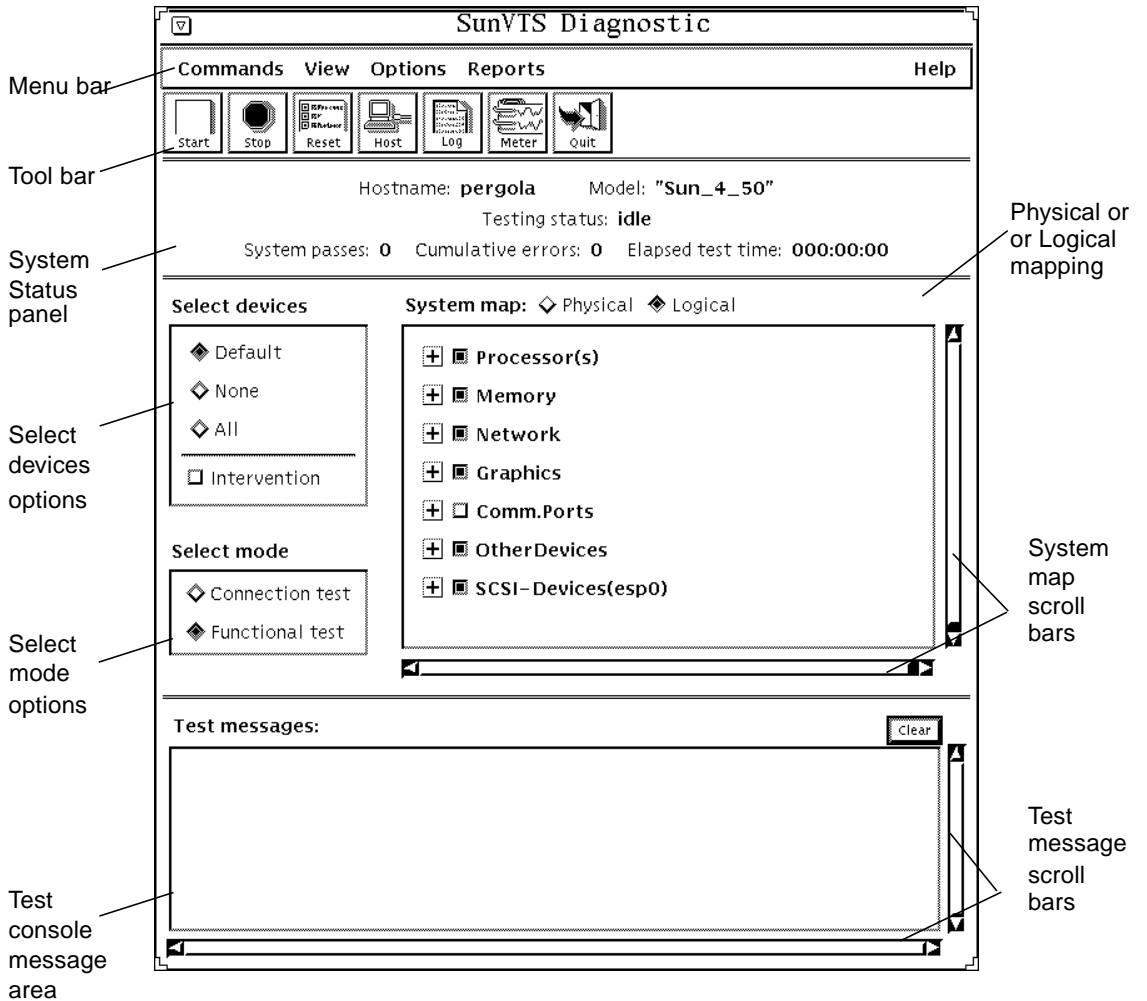
Key	Description
Tab	Selects another panel; the selected panel is surrounded by asterisks (*)
Return	Selects an option or displays a menu
Space bar	Toggles (enables/disables) a choice
Arrow Keys	Moves the cursor in a selected panel
Escape	Discards a pop-up menu or window
Control-F	Scrolls forward in option windows
Control-B	Scrolls backward in option windows
Control-X	Quits the TTY Interface, but leaves the SunVTS kernel running on the test machine

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## SunVTS CDE Main Window

FIGURE 1 shows the SunVTS CDE main window.

**Note** – See the SunVTS 3.1 User’s Guide for information about using the OPEN LOOK interface.



**FIGURE 1** SunVTS CDE Main Window

FIGURE 2 describes the SunVTS menu bar:

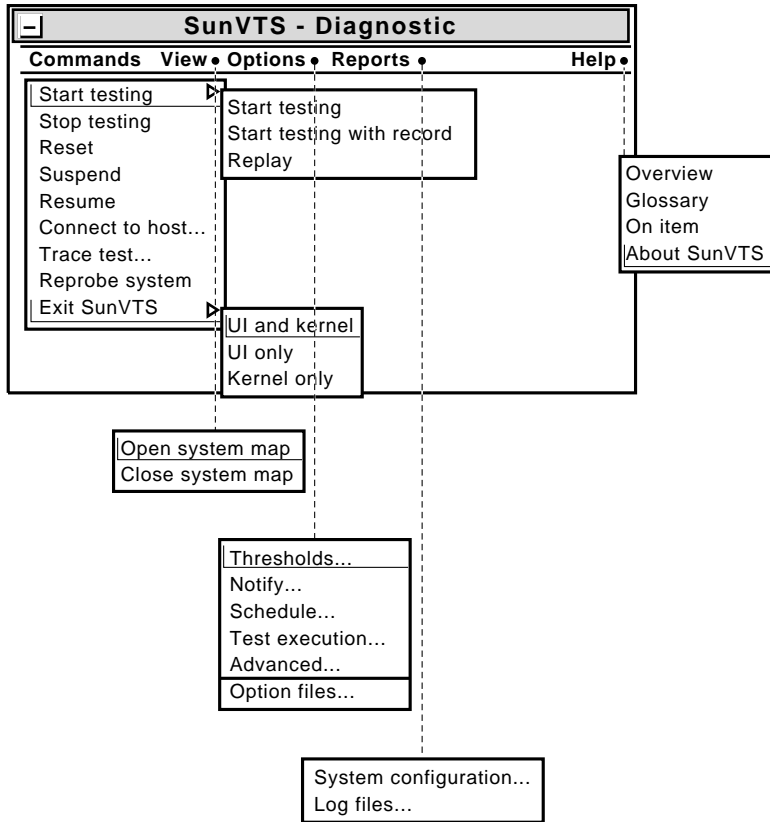


FIGURE 2 SunVTS Main Menu Bar

## Commands Menu

The Commands menu has the following functions.

- Start testing
  - Starts enabled tests
  - Starts enabled tests; records testing session
  - Replays a recorded testing session
- Stop: Stops testing
- Reset: Sets pass/error count to zero; pauses
- Suspend: Pauses active tests
- Resume: Resumes testing
- Connect to Host: Connects to another machine running SunVTS kernel
- Trace test: Traces enabled tests



- Reprobe system: Probes system again
- Quit SunVTS: Quits the following: UI and Kernel, UI only, Kernel only

## View Menu

The view menu has the following options:

- Open System map
- Close System map

## Options Menu

The Options menu has the following options:

- Thresholds
- Notify
- Schedule
- Test execution
- Advanced
- Option files

## Reports Menu

The Reports menu contains the System Configuration menu which displays or prints System Configuration. It displays, prints, or removes log file information.

## Help Menu

The Help menu shows the SunVTS version

## Tool Bar Icons

- Start: Starts enabled tests
- Stop: Stops active tests
- Reset: Resets pass and error counts to zero; pauses tests
- Host: Connects to a machine running SunVTS
- Log: Displays or prints log files
- Meter: Displays system performance meter

## Quit

Quits only the SunVTS user interface

## System Status Panel

The system status panel displays the following:

- Host name being tested
- Model being tested
- Testing status
- System passes
- Cumulative errors
- Elapsed test time

## System Map

You can select Physical or Logical from the System Map.

## Select Devices

With the Select Devices menu you can select Default, None, All, or Intervention.

## Select Mode

With the Select Mode option you can select Connection test or Functional test

## Test Messages

Test messages are displayed in the SunVTS console window, which displays errors and status.

# SunVTS CDE Option Menus

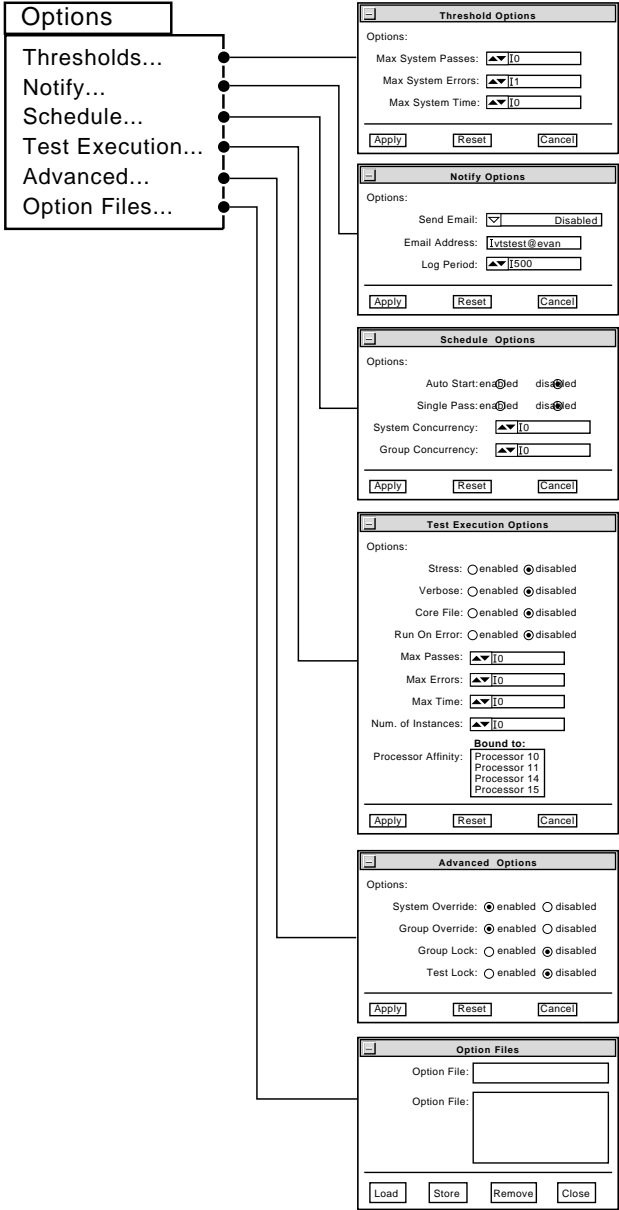


FIGURE 3 SunVTS CDE Option Menus

**Auto Start**—Begins testing when SunVTS is started; normally used with the Options Files option

**Core File**—When disabled, SunVTS sends messages instead of creating a core file

**Email Address**—Establishes an email address where testing status is sent

**Group Concurrency**—States the number of test groups you want to run concurrently

**Group Lock**—Protects test group options from being changed

**Group Override**—Overrides any test system options in favor of the group options on this window, unless System Override is enabled

**Log Period**—Indicates time, in minutes, between testing status email messages

**Max Errors**—Sets maximum number of errors a test will allow before stopping (0 means infinite)

**Max Passes**—Indicates maximum number of passes a test can be run

**Max Time**—Indicates time limit, in minutes, a test can run (0 means infinite)

**Max System Errors**—Indicates maximum number of errors before stopping all tests (default is 1)

**Max System Passes**—States maximum number of system passes before stopping all tests (0 means infinite)

**Max System Time**—Indicates maximum number of minutes to run all tests (0 means infinite)

**Number of Instances**—Sets number of instances for each scalable test

**Options File Load/Store/Remove**—Displays file name field where you can enter a file name to load, store, or remove

**Processor Affinity**—Lets you attach a process list to a specific processor

**Run On Error**—Continues testing until the maximum error number is reached for the system; each test can report up to three error messages per failure

**Send Email**—When selected, sends testing status to you through email

**Single Pass**—Runs only one pass of each selected test

**Stress**—Increases test performance; only available for some tests

**System Concurrency**—States the number of tests you want to run concurrently

**System Override**—Changes all test and group system options to match the options on this window (enabled by default)

Test Lock—Protects the test system options from being changed in this window, unless Group Override or System Override is enabled

Verbose—Displays verbose test messages in the SunVTS Console window

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**Note** – Use the up or down arrow keys to increase or decrease option menu values.

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