SunVTS™ 2.1
Quick Reference Card

Solaris™ 2.5.1
SunVTS™ 2.1 Quick Reference Card
Starting the SunVTS Software

Become superuser (root), and change directories to the SunVTS bin directory (/opt/SUNWvts/bin by default).

On a Local System, type:

```
# ./sunvts
```

To connect to a remote machine running the SunVTS kernel, type:

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

Replace remote_hostname with the hostname of the remote machine.

To start the SunVTS OpenWindows™ or OPEN LOOK interface, type:

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

To start the SunVTS TTY interface, type:

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

NOTE—The SunVTS default graphical user interface (GUI) is Common Desktop Environment (CDE).

The Common TTY Interface Command Keys are as follows:

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

Note – See the SunVTS 2.1 User’s Guide for information about using OpenLook.
The following describes the SunVTS 2.1 main window areas:

1. Commands menu
   - Start testing: Starts enabled tests
   - Start testing with record: Starts enabled tests; records testing session
   - Stop: Stops testing
   - Reset: Sets pass/error count to zero; pauses tests
   - 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

2. View menu
   - Open System map
   - Close System map

3. Options menu (see details on back of this card)
   - Thresholds
   - Notify
   - Schedule
   - Test execution
   - Advanced
   - Option files

4. Reports menu
   - System Configuration: Displays or prints System Configuration information
   - Log files: Displays, prints, or removes log file information

5. Help menu: Shows SunVTS version

6. Tool bar icons (see note)
   - 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

7. Quit: Quits only the SunVTS user interface

8. System Status panel: Displays the following:
   - Host name being tested
   - Model being tested
   - Testing status
   - System passes
   - Cumulative errors
   - Elapsed test time

9. System map: Select Physical or Logical

10. Select devices: Default, None, All, Intervention

11. Select mode: Connection test, Functional test

12. Test messages: SunVTS console window; displays errors and status
SunVTS CDE Option Menus

### Threshold Options
- **Max System Passes:**
- **Max System Errors:**
- **Max System Time:**

### Notify Options
- **Send Email:**
- **Email Address:**
- **Log Period:**

### Schedule Options
- **Auto Start:** enabled/disabled
- **Single Pass:** enabled/disabled
- **System Concurrency:**
- **Group Concurrency:**

### Test Execution Options
- **Stress:** enabled/disabled
- **Verbose:** enabled/disabled
- **Core File:** enabled/disabled
- **Run On Error:** enabled/disabled
- **Max Passes:**
- **Max Errors:**
- **Max Time:**
- **Num. of Instances:**
- **Processor Affinity:**

### Advanced Options
- **System Override:** enabled/disabled
- **Group Override:** enabled/disabled
- **Group Lock:** enabled/disabled
- **Test Lock:** enabled/disabled

### Option Files
- **Load**
- **Store**
- **Close**
- **Remove**

**NOTE:** Use up and down arrows to increase or decrease option menu values.

**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