SunVTS™ 2.1 Quick Reference Card

SunVTS - Diagnostic

Commands
View Options
Reports

Hostname: dfdiaga
Testing Status: idle
System Passes: 0
Tests Selections: System Map: Physical Logical Default
Cumulative Errors: 0
Elapsed Test Time: 00:01:22
Mode: "ultra-Enterprise"

Help
None
All
Intervention

board1
Connectivity
Testing Mode:
Online
Offline

ffb0 (ffgtest)
sbus0
hme0 (nettest)
tr (trtest)
tr0 (nettest)
fas0
c0t0d0 (disktest)
c0t10d0 (disktest)

SUNWvts.cdtest.8001
FATAL: "Fail ioctl CDROMREADTOCENTRY"
Probable Cause(s):
(1) I/O error
10/08/96 13:06:47 cdtest /vol/dev/rdsk/c0t6d0/unnamed_cdrom
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**
   a. **Start testing:** Starts enabled tests
   b. **Stop:** Stops testing
   c. **Reset:** Sets pass/error count to zero; pauses tests
   d. **Suspend:** Pauses active tests
   e. **Resumes testing:**
   f. **Connect to Host:** Connects to another machine running SunVTS kernel
   g. **Trace test:** Traces enabled tests
   h. **Reprobe system:** Probes system again
   i. **Quit SunVTS:** Quits the following
      - UI and Kernel
      - UI only
      - Kernel only

2. **View menu**
   a. **Open System map**
   b. **Close System map**

3. **Options menu** (see details on back of this card)
   a. **Thresholds**
   b. **Notify**
   c. **Schedule**
   d. **Test execution**
   e. **Advanced**
   f. **Option files**

4. **Reports menu**
   a. **System Configuration:**
      - Displays or prints System Configuration
   b. **Displays, prints, or removes log file information**

5. **Help menu:** Shows SunVTS version

6. **Tool bar icons (see note)**
   a. **Start:** Starts enabled tests
   b. **Stop:** Stops active tests
   c. **Reset:** Resets pass and error counts to zero; pauses tests
   d. **Host:** Connects to a machine running SunVTS
   e. **Log:** Displays or prints log files
   f. **Meter:** Displays system performance meter

7. **Quit:** Quits only the SunVTS user interface

8. **System Status panel:** Displays the following:
   a. **Host name being tested**
   b. **Model being tested**
   c. **Testing status**
   d. **System passes**
   e. **Cumulative errors**
   f. **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

**NOTE**—When accessed via SyMON the Host, Log, and Meter icons do not appear. If SUNWodu is installed, a Periodic icon appears.
### SunVTS CDE Option Menus

#### Options
- Threshold Options
  - Options:
    - Max System Passes: 0
    - Max System Errors: 1
    - Max System Time: 0

#### Notify Options
- Options:
  - Send Email: Disabled
  - Email Address: test@evan
  - Log Period: 500

#### Schedule Options
- Options:
  - Auto Start: Enabled
  - Single Pass: Enabled
  - System Concurrency: 0
  - Group Concurrency: 0

#### Test Execution Options
- Options:
  - Stress: Enabled
  - Verbose: Enabled
  - Core File: Disabled
  - Run On Error: Disabled
  - Max Passes: 0
  - Max Errors: 0
  - Max Time: 0
  - Num. of Instances: 0

#### Advanced Options
- Options:
  - System Override: Enabled
  - Group Override: Enabled
  - Group Lock: Enabled
  - Test Lock: Enabled

#### Option Files
- Options:
  - Option File: Load
  - Option File: Store
  - Option File: Remove

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

**Auto Start**—Starts 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