SunVTS™ 2.1 Quick Reference Card

SunVTS - Diagnostic

Hostname: dfdiaga
Testing Status: idle
System Passes: 0
Tests Selections: System Map: Physical Logical Default
Cumulative Errors 0 Elapsed Test Time: 000:01:22
Mode: "ultra-Enterprise"

Help

None
All
Intervention
board1
Connectivity
Testing Mode:
Online
Offline
ffb0(ffbtest)
sbus0
ClearTest Messages:
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
      - Starts enabled tests; records testing session
      - Replays a recorded testing session
   b. **Stop:** Stops testing
   c. **Reset:** Sets pass/error count to zero; pauses
   d. **Suspend:** Pauses active tests
   e. **Resume:** 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. **Log files**

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

Thresholds...
Notify...
Schedule...
Test Execution...
Advanced...
Option Files...

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

Notify Options
Options:
Send Email: Disabled
Email Address: vtstest@evan
Log Period: 500

Schedule Options
Options:
Auto Start: disabled
Single Pass: disabled
System Concurrency:
Group Concurrency:

Test Execution Options
Options:
Stress: disabled
Verbose: disabled
Core File: disabled
Run On Error: disabled
Max Passes: 10
Max Errors: 10
Max Time: 10
Num. of Instances: 1
Processor Affinity:
Bound to:
Processor Affinity:
Processor 10
Processor 11
Processor 14
Processor 15

Advanced Options
Options:
System Override: disabled
Group Override: disabled
Group Lock: disabled
Test Lock: disabled

Option Files
Option File:
Option File:

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