



### Sycros Setup Guide

When installation is successful, then Repository and Manager should have “GREEN” button at the lower right corner of main.

Each host belongs to two main groups. One is called Class group, and the other is the general group. Class group represents grouping on functionality such as system, oracle, exchange server, and so on. The general group represents grouping on organizational divisions, geographical areas, and so on.

To use Sycros SMS, hosts must be registered at Host Management along with Parameters and Monitoring settings. Then each host is added to the general group. Then the hosts are added to Class group.

Once hosts and groups are added, MAP can be created. Public Map, Private Map, and Class Map are available.

The initial main screen shows the following.

- Top : menu bar
- Middle : Class Window, General Window
- Bottom : Event and Message Window

#### 1. Add Hosts (Agents)

##### A. Host Management : to add individual hosts

- i. Menu : Configure -> Host Management
- ii. New Group : add new group - demo\_hosts
- iii. New Host : add new hosts - corona, jackson
- iv. Close and Open Host Management
- v. Note: OS and Version information should show up for each hosts. If not, right-click on the host, and check Properties.

##### B. Parameter Management : to setup properties for each parameter on hosts

- i. Menu : Configure -> Parameter Management
- ii. Default parameter list comes up automatically.
- iii. User-defined parameter needs to be added.
  1. Script or executable file needs to be at \$HOME/custom.
- iv. Properties

1. Independent Parameter - General, Schedule, Alarm Range, Action, Event, Delta
2. Class Parameter
  - A. Parent: General, Schedule
  - B. Child : General, Alarm Range, Action, Event, Delta
- v. Parameter types
  1. stand-alone
  2. collector
  3. event
- C. Performance View Management : to select parameters for real-time display
  - i. Menu : Configure -> Performance View Property
  - ii. Screen: Performance View Property
    1. Main Resource : System
    2. Category Name : 'demo\_display'
    3. Platform : select accordingly
    4. Select parameters to be displayed from 'Parameter List' on the left, and move to 'Selected Parameter List' using right-arrow.
    5. click 'Add' to add. The entry should appear on the table above 'Category' box.
    6. close 'Performance View Property' window.
- D. Class setting on Main window (Left middle window)
  - i. Right-click and select 'New' to open the sub-menu.
  - ii. Screen : Main Resource
    1. Name : demo\_system (any name for the class of systems)
    2. Management Module : system (or select else)
    3. Command : uncheck initially (this is for advanced user.)
    4. State Image
      - A. click 'Normal' to select Image for normal state
      - B. brows to : c:/program files/sycros/console/image
      - C. select image. (in this case, system\_normal)
      - D. go through the same steps again for Warning, Critical, and Fatal.
    5. create Class Map
      - A. Double click on the icon or right-click to go to Class Map.
      - B. Right-click on the empty space, and select 'Edit'
      - C. Drag hosts/host groups into 'Edit' window.
      - D. Multi-level MAP can be created by double-clicking (or selecting 'explore')

E. Right-click and select 'Edit' to close the current 'Edit' window.

### 2. MAP

- A. Menu : [File] -> [Public Map]
- B. Right-click at the empty Public Map window, and select 'Edit'
- C. Drag and drop hosts/host groups into 'Edit' window.
- D. Multi-level MAP can be created by double-clicking (or selecting 'explore')
- E. Right-click and select 'Edit' to close the current 'Edit' window.

3. Chart : to display historical data, event, and log message.

4. Event : to set up Event notification method and target.

#### A. Rule

- i. Adding Rule
  - 1. Right-click <user> listed>
  - 2. 'New Event Mapping' window is displayed.
  - 3. Click 'Method' and 'Target'.
  - 4. Table should show the selected method and target.

#### B. Method : define when to activate and what to use

- i. Adding Target
  - 1. Enter <Event Name>.
  - 2. Click <New>.
  - 3. Select Properties as listed below.
  - 4. Table should show the selected events by state.
- ii. Properties to be selected
  - 1. time
  - 2. SMS, VMS, Popup, Mail

#### C. Target : define which events to trigger for notification

- i. Adding Target
  - 1. Enter <Target Name>.
  - 2. Click <New>.
  - 3. Select Properties as listed below.
  - 4. Table should show the selected events by state.
- ii. Properties to be selected : State, Host, Event Group, Event

### 5. Report

- A. Export any Graph to Word, Excel, or HTML.

- B. Creating reports from WebConsole
  - i. At WebConsole, create “member” first.
  - ii. Then create report with “member” information.
  
- 6. Event Guide
  - A. Update and access from WebConsole.
  
- 7. Oracle Service Module
  - A. Go to: [configure] -> [Oracle Instance]
  - B. Select one of the hosts on the left with Oracle database.
  - C. Screen: Oracle Instance Management
    - i. name : sorcl (ORACLE\_SID)
    - ii. service name : sorcl\_tns
    - iii. home : /opt/oracle/product/10.2.0/db\_1 (D:\oracle\product\10.2.0\db\_1)
    - iv. version : 10.2.0.1.0
    - v. click: “New”
  - D. Click the newly created Instance at the middle window.
  - E. Click “Create” for user creation.
  - F. Screen: Oracle User Profile (for User Create in case of Sycros Repository)
    - i. Admin
      - 1. User Name : sys
      - 2. Password : sorclpswd
      - 3. Auth Mode : sysdba
    - ii. User
      - 1. User Name : sorcl\_instuser (\* New user for Oracle Instance monitoring)
      - 2. Password : sorcl\_instuserpswd (\* Password for New User)
      - 3. Default Tablespace : sorcl\_ts
      - 4. Temporary Tablespace : temp

\* **NOTE:** The user name should be “new” user for Instance monitoring.
    - iii. Click ‘OK’
  
- 8. SQL Service Module : similar to Oracle setup
  
- 9. Preference (Properties) Settings : [Configure] -> [Preference]
  - A. Options
    - i. Message Retention Period (hour)
    - ii. Event Retention Period (hour)

- iii. Event Popup Retention Period (hour)
- iv. Chart Retention Period (minute)
- v. Repository Connection Check (second)
- vi. Performance View Refresh
- B. Manager : connection setting such as IP address
- C. Alarm State : color setting
- D. Map
- E. Sound

### 10. Additional Settings

- A. New Schedule Set : [Parameter Management] -> [Schedule]
- B. Popup Event Window setting : [Event Management] -> [Method]
- C. Sycros Distributor : Hosts shows up after hosts are added to user at [Access Control] of [Configure]. If not, list of hosts does not show up at Distributor Window.

### 11. General Guideline

- A. Box windows to indicate progress such as 'OK', 'Done' do not show up much. Local message window usually show the progress and result. If no message is displayed, then simply close the window.
- B. 'New' may indicate addition of new item or clearing of entries.
- C. Selection of 'hosts', 'host groups', 'parameters', and an object may be needed to go on with operation.