Sun Control Station

Release Notes

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Release Notes

Framework

Cannot Load Selector on MacOS X Mozilla or Camino Using https

If you log in to a Sun Control Station using `https`, the Mozilla and Camino Web browsers do not properly load applets.

Use the Safari Web browser to connect through `https` to the control station.

Alternatively, on Mozilla or Camino, you can use `http` to establish an unsecured connection to the control station. For example:

```
http://<hostname_of_controlstation>:8080/sdui/
```

No Applet Error Message When Java Disabled

When Java is disabled, the pages with the selector applet simply display the table header without a body. The error message in the page source is not displayed in the user interface (UI).

To correct this, enable Java in your Web browser.

Backups

Restore Menu Does Not Display the Most Recent Backup File as Default Selection

When you go to the Restore function, the Restore Administration table appears. (select Station Settings > Backups > Restore From Backup...).

The field next to `/var/mgmt/backups` is supposed to display the most recent backup file as the default. However, if there is more than one backup file from which to choose, the displayed file will likely be the second most-recent file.

From the pull-down menu, ensure that you select the most recent file; the files are sorted newest to oldest.

The backup file name uses the following format:

`bk_YYYYMMDD_hhmm.scs`

where `YYYYMMDD_hhmm` represents the Year Month Day Hour (24 hour) Minute.

For example, the file name `bk_20030426_1745.scs` indicates that the backup was created at 17:45 (5:45 p.m.) on April 26, 2003.

Health Monitoring

Conflicting Settings

A host can be managed by more than one Sun Control Station. The Health-Monitoring settings (for example, the CPU alarm thresholds) can be changed from any of the control stations. When the settings are changed on one control station, the new values are propagated to all of the managed hosts.

In this case, the values from the most recent settings changes overwrite the earlier values on the managed host; however, the settings that appear in the UIs of the other control stations do not update to reflect the most recent settings changes.

To resolve this issue, if more than one control station manages a given host(s), ensure that the Health-Monitoring settings on each of these control stations are set to the same values.

Polling Intervals

The Alive Polling interval can be set to a minimum of one minute; the Status Polling interval can be set to a minimum of one hour.

We recommend that you set the Alive Polling Interval at a minimum of five (5) minutes. If a Sun Control Station is managing many hosts, you should set a longer interval. When the control station encounters a “non-alive” host, the time-out period for Alive Polling is one (1) minute.

We recommend that you set the Status Polling Interval at a minimum of two (2) hours. If a Sun Control Station is managing many hosts, you should set a longer interval. When the control station encounters an unreachable host (including SCS agent failures), the time-out period for Status Polling is ten (10) minutes.

Frequent Alive Polling and Status Polling can also generate very large files and potentially fill up the `/var` directory.

Default Intervals

The default interval for Alive Polling is set at five (5) minutes.

The default interval for Status Polling is set at two (2) hours.

You can change these default intervals. For more information, refer to the Scheduler feature in Chapter 3 of the PDF *Administrator Manual*.

Event-Generator Script Uses IP Address for eth0

On a managed host using the Health Monitoring module, when `eth0` is active, the event-generator script always passes back to the control station the `eth0` IP address along with the other information.

If this managed host was imported into the control-station framework using an IP address different from the one associated to `eth0`, the Health Monitoring status table may not display the correct status for this managed host.

To correct this, when you are viewing the detailed information tables for a managed host, you can click Update Now above the tables. You can also wait for Alive Polling and Status Polling tasks to retrieve the correct status.

If possible, you can also re-import the managed host using the IP address associated with `eth0`.

Software Management

Display Options

Within the Software Management module (Packages > Display Options), you can specify the type(s) of package file to display.

To display package files for certain products only, you must move the item "All" from the Products Displayed scrolling window to the Products Not Displayed scrolling window, as well as the individual products for which you do not want to display the package files.

Uploading Without Selecting a Package File

On the Package Upload screen, if you click Upload without selecting a package file or a file containing a list of package files, the system displays an Invalid Path Error message.

Ensure that you select a package file or a file containing a list of package files before clicking Upload.

No Validation of URLs

When adding a BlueLinQ server, the system does not validate the URL path to the server. If you add a URL path with back slashes instead of forward slashes, the system throws a Java exception.

Ensure that you enter the path correctly with forward slashes. For example:

```
http://<fully_qualified_domain_name>/packages/
```

Sun Cobalt Qube™ 3 appliance

When you try to install a Sun Cobalt Qube 3 package file from the BlueLinQ server `updates.cobalt.com`, the system may throw a Java exception.

Lights Out Management

Network Interfaces

The LOM control module can run over either built-in network interface (`eth0` or `eth1`) on a managed host. However, if both built-in network interfaces on a managed host are active, the managed host defaults to `eth0`.

To force the managed host to use the `eth1` interface, you must modify the following script on that host.

Note – Run all of these commands as `root`.

---

1. **In your preferred editor, open the following file.**

   ```
   /etc/init.d/bmcscript
   ```

2. **For a Sun Fire™ V60x or Sun Fire V65x server, edit the IFACE and CHANNEL lines to the values shown here.**

   ```
   # Channel 6 == eth0, top interface on V60x and V65x
   # Channel 7 == eth1, bottom interface on V60x and V65x
   IFACE=eth1
   CHANNEL=7
   ```

3. **For a Sun LX50 server, edit the IFACE and CHANNEL lines to the values shown here.**

```
# Channel 6 == eth1, top interface on LX50
# Channel 7 == eth0, bottom interface on LX50
IFACE=eth1
CHANNEL=6
```

4. **Save your changes in this file.**

5. **Restart the** `bmcscript`**.**

```
/etc/init.d/bmcscript start
```

Power Command

On occasion, when you perform a Power command (power on, power off, reset, identify) on more than one managed host, an error message appears, stating that the command failed. This error message is incorrect, as the command in fact has succeeded.

You do not need to relaunch the command.

You should not see this error message when performing a Power command on a single managed host.

Unexpected LOM Information within Health Monitoring

You can have a host managed by two different control stations.

In this particular situation:

- The LOM control module is installed on one of the control stations but not installed on the second control station.
- The client-side bits of the LOM control module have been installed on the managed host.

The managed host in now enabled to provide LOM information to the first control station; this information is displayed in the Health Monitoring tables.

However, since the Health Monitoring control module is designed to receive LOM information when it is available, the Health Monitoring tables on the second control station will also display this LOM information, even though the LOM control module has not been installed on the second control station.

This is not a bug or a malfunction on the second control station, but just to let you know that you may see LOM information displayed in the Health Monitoring tables when you would not expect to see it.

AllStart

Loading Distribution from Multiple CD-ROMs

When uploading an OS distribution from a set of CD-ROMs, allow the entire uploading operation to complete. **Do not click** the option "Put Task in Background" when the Task Progress dialog appears, and do not choose another task in the UI.

If you do so, the system does not allow you to continue with the next CD-ROM in the set and the complete distribution will not be uploaded.

If, by accident, you do put the task in the background, you will need to delete this distribution from the AllStart Distributions table and start this procedure again.

Cannot Install Red Hat 7.2 with LILO

The Allstart control module does not produce a proper `ksconfig` file for Red Hat 7.2 to use LILO. The installer defaults to using Grub.

There is no workaround for this issue.

Insufficient Disk Space to Enable Client

If there is not sufficient space available on the hard disk drive, the task of enabling a client will fail, but the UI will not inform you that the task has failed.

Instead, the payload installation on that client will fail, indicating that the `ksconfig` file could not be retrieved or that the NFS server did not respond.

To correct this, do the following:

1. **Free up space on your hard disk drive.**
2. **In the control station UI, add a new payload that is configured identically to the failed payload.**
3. **Switch the clients to use the new payload.**
4. **(*optional*) Delete the old payload.**
5. **(*optional*) Rename the new payload.**

Limitations in Localized Environments

Problems Installing Modules on Solaris-based Clients

If you find that you cannot install a control module on a Solaris-based client, you can do one of the following:

- Remove all `LANG` and `LC_*` entries from the file `/etc/default/init`

or

- Restart the Sun Control Station daemon with `LC_ALL` in "`C`":

```
# /usr/mgmt/libexec/init.agent stop
Deamon stopped.
# env LC_ALL=C /usr/mgmt/libexec/init.agent start
Daemon started (pid=9744)
```

Non-ASCII Characters Appear as Garbled Text

Your browser window allows you to enter non-ASCII characters (for example, for file names, descriptions and so on). However, once saved, the characters appear as garbled text.

Use ASCII characters only for any fields requiring user input.