SAS Marketing Optimization

HPUX 64 bit Installation Instructions for Hot Fix 51mo14

Introduction

This document describes the steps necessary to install and deploy the SAS Marketing Optimization 5.1 Hot fix Release 51mo14 for the HPUX 64 bit environment. Please take a moment to read through this entire document before beginning the install for this hot fix. There are four steps to this hot fix that must be completed:

1. **Create the appropriate backups**
2. **Extract and install the hot fix package**
3. **Install the mid-tier portion of the appropriate hot fix**
4. **Install the client portion of the Windows hot fix**

The hot fix 51mo14 addresses the issue(s) in Release 5.1 of SAS Marketing Optimization software on Windows as documented in the "Issue(s) Addressed" section of the hot fix download page:
http://ftp.sas.com/techsup/download/hotfix/mo51.html#51mo14

IMPORTANT NOTES:

1. You must have SAS Marketing Optimization 5.1 installed on your system before applying this hot fix.
2. You must have Administrator Privileges on your CLIENT or SERVER machine.
3. All currently active SAS sessions, daemons, spawners and servers must be terminated before applying this hot fix. Once the hot fix has been installed, the appropriate servers should be restarted.
4. The instructions below assume that SAS 9.1.3 (9.1 TS1M3) is installed in /usr/lib/sas913. If you have installed SAS 9.1.3 in a different location, you will need to modify the paths below.
5. This download is intended for customers running an HPUX 64 bit server. To install the mid-tier updates, you must download the hot fix package associated with the platform that your mid-tier is installed on, and install the mid-tier portion of the hot fix on that system. To install the Windows client updates, you must download the Windows version of this hot fix and install the appropriate client pieces on your Windows system.

Installation Details

1. Create the appropriate backups

Technical Support strongly suggests that you back up the files being replaced by this hot fix. You should always try to include the current date in the name of the backup file created to distinguish between versions of backup files. By doing this you will maintain a history of the file, which will be helpful when multiple iterations of a hot fix have been applied to the same file.

The files that should be backed up for the SAS **server** component (51mktopt14h6.tar) are:
       <!SASROOT>/ucmacros/mktopt/mo_copy_project.sas
       <!SASROOT>/ucmacros/mktopt/mo_copy_scenario.sas

<!SASROOT>/ucmacros/mktopt/mo_create_input_data.sas
<!SASROOT>/ucmacros/mktopt/mo_create_scenario.sas
<!SASROOT>/ucmacros/mktopt/mo_create_tables.sas
<!SASROOT>/ucmacros/mktopt/mo_delete_scenario_element.sas
<!SASROOT>/ucmacros/mktopt/mo_edit_optimization_pid.sas
<!SASROOT>/ucmacros/mktopt/mo_import_solution.sas
<!SASROOT>/ucmacros/mktopt/mo_ma_agent_and_time.sas
<!SASROOT>/ucmacros/mktopt/mo_prepopulate_metadata_tables.sas
<!SASROOT>/ucmacros/mktopt/mo_promote_solution.sas
<!SASROOT>/ucmacros/mktopt/mo_refresh_update_scen_tables.sas
<!SASROOT>/ucmacros/mktopt/mo_rpt_compare_constraint_table.sas
<!SASROOT>/ucmacros/mktopt/mo_rpt_compare_offer_graph.sas
<!SASROOT>/ucmacros/mktopt/mo_rpt_compare_offer_table.sas
<!SASROOT>/ucmacros/mktopt/mo_rpt_constraint_summary_table.sas
<!SASROOT>/ucmacros/mktopt/mo_set_job_flow_scen.sas
<!SASROOT>/ucmacros/mktopt/mo_validate_imported_solution.sas
<!SASROOT>/ucmacros/mktopt/mo_validate_input_data.sas
<!SASROOT>/cmacros/mktopt/sasmacr.sas7bcat

2. Extract and install the hot fix package

The hot fix package downloaded is a compressed tar file named 51mo14h6.tar.   Download this file to the user's root directory. Uncompress the tar file with this command:

```
$> cd ~
$> tar -xf 51mo14h6.tar
```

This will extract the following files into the user's 51mo14 directory:
        mktopth6.tar.Z
        mo_migration_hf.sas

Please note:
This download is intended for customers running an HPUX 64 bit server. To install the mid-tier updates, you must download the version of the hot fix that corresponds to the platform where your mid-tier is installed and install the mid-tier piece. To install the Windows client updates, you must download the Windows version of this hot fix and install the appropriate client pieces on your Windows system.

2.1. Install the package

```
$> cd /usr/lib/sas913
$> uncompress -c ~/51mo14/mktopt/mktopth6.tar | tar -xf –
$> install/admin/hotfix/hist_upd
```

The following files will be installed:

<!SASROOT>/ucmacros/mktopt/mo_copy_project.sas
<!SASROOT>/ucmacros/mktopt/mo_copy_scenario.sas
<!SASROOT>/ucmacros/mktopt/mo_create_input_data.sas
<!SASROOT>/ucmacros/mktopt/mo_create_scenario.sas
<!SASROOT>/ucmacros/mktopt/mo_create_tables.sas
<!SASROOT>/ucmacros/mktopt/mo_delete_scenario_element.sas
<!SASROOT>/ucmacros/mktopt/mo_edit_optimization_pid.sas
<!SASROOT>/ucmacros/mktopt/mo_import_solution.sas

<!SASROOT>/ucmacros/mktopt/mo_ma_agent_and_time.sas
<!SASROOT>/ucmacros/mktopt/mo_prepopulate_metadata_tables.sas
<!SASROOT>/ucmacros/mktopt/mo_promote_solution.sas
<!SASROOT>/ucmacros/mktopt/mo_refresh_update_scen_tables.sas
<!SASROOT>/ucmacros/mktopt/mo_rpt_compare_constraint_table.sas
<!SASROOT>/ucmacros/mktopt/mo_rpt_compare_offer_graph.sas
<!SASROOT>/ucmacros/mktopt/mo_rpt_compare_offer_table.sas
<!SASROOT>/ucmacros/mktopt/mo_rpt_constraint_summary_table.sas
<!SASROOT>/ucmacros/mktopt/mo_set_job_flow_scen.sas
<!SASROOT>/ucmacros/mktopt/mo_validate_imported_solution.sas
<!SASROOT>/ucmacros/mktopt/mo_validate_input_data.sas
<!SASROOT>/ucmacros/mktopt/sasmacr.sas7bcat
<!SASROOT>/hotfix/sasexe/mo.51mo14

2.2 Run mo_migration_hf.sas

a. Restart the appropriate SAS servers and spawners.
b. BACK UP the existing SCENARIOS table in the datastore. The datastore is located in the Lev1/SASMain/Data/MarketingOptimization/datastore directory.   For example, if your Marketing Optimization 5.1 installation was done in /install/SAS/MO51Config, then the datastore is located in /install/SAS/MO51Config/Lev1/SASMain/Data/MarketingOptimization/datastore. If the datastore does not contain a SCENARIOS table, you do not need to run this migration program and you can skip to step 3.
c. Start an interactive SAS session with the MO 5.1 autoexec and submit the program mo_migration_hf.sas from the Program Editor. The MO 5.1 autoexec is located in the Lev1/SASMain directory. For example, if your Marketing Optimization 5.1 installation was done in /install/SAS/MO51Config, then the MO 5.1 autoexec is located in /install/SAS/MO51Config/Lev1/SASMain/MarketingOptimization_autoexec.sas. The mo_migration_hf.sas file was installed by the hot fix in 51mo14/mktopt.
d. Verify the program runs successfully with no errors or warnings in the log.

3. Install the mid-tier portion of the appropriate hot fix

To install the mid-tier updates, you must download the hot fix package associated with the platform that your mid-tier is installed on, and install the mid-tier portion of the hot fix on that system.

4. Install the client portion of the Windows hot fix

To install the Windows client updates, you must download the Windows version of this hot fix and install the client piece on your Windows system(s).

This completes the installation of the hot fix 51mo14 on HPUX 64 bit.