

Best Practices – Relius Administration STP

For Public Consumption
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Relius Administration Support &
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Purpose and Scope

The purpose of this document is to outline some of the best practices in managing Straight-Through Processing (STP) Agents for Relius Administration. Although many aspects of STP are covered in this document, is in no way exhaustive. Some topics are best left to a professional services visit by our STP team to help optimize your office automation.

Batch Launching

If launching several STP Agents via batch or command line, FIS recommends that you start each agent from its own individual command or batch file. From most experience, launching more than one agent in a single batch file only causes one Agent to start.

Batch or Command Line

Below are the various batch file parameters that can be used. The switches can be placed in any order in the command line. Spaces may exist between switches but are not required. Some experimentation is suggested on a test machine.

| Switch | Command | Optional or Required | Remarks |
|--------|--------------------------|----------------------|--|
| /A | AdminID | Required | "AdminID" is the number assigned to each user in the database |
| /R | Autorun | Optional | |
| /T | Time | Optional | no spaces, 24-hour format (e.g., 1630 for 4:30 p.m.) |
| /D | Debug Display | Optional | |
| /W | Stop on Day of the Week | Optional | number 1-7 for Sunday-Saturday respectively |
| /N | Agent Name | Optional | must exactly match a member of the list of available agents and may be enclosed in double-quotes |
| /P | "Reserve Agent" Checkbox | Optional | |
| /B | Database Name | Optional | |
| /S | Agent Description | Optional | |
| /JQPT | Jobqueue Polling Time | Optional | number in minutes |

Examples of command line switches:

- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /R/A7/T1620
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/T1620
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /R /A 7 /T 1620
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /R /A7 /T0805
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /D
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /R /A7 /D /T0805 /JQPT60
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7 /R /T0805 /D
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/R/T0805/D
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/R/T0805/W1/N "Agent1" /D
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/R/T0805/W3/NAgent1/D
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/R/T0805/W3/N"Agent1"/D
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/R/T0805/W3/N"Agent8"
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/R/T0805/W3/N"Agent1"/D/P
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/R/T0805/W3/N"Agent1"/D /P
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/R/T0805/W3/N"Agent1"/D /P /B qa91
- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /A7/Bqa91

XML Files

To launch an Agent with XML instead of command line switches, you would run a command in conjunction with an XML file. Assuming the XML file is named MyAgent.xml in C:\QtTemp, the command would be as follows:

- C:\Program Files (x86)\Relius\Admin\UAUTAGENTMGR.EXE /XMLC:\QtTemp\MyAgent.xml

The XML file would look something like the example below:

```
<AGENTMANAGERPROPERTIES>
  <ADMINID>226</ADMINID>
  <DESCRIPTION>Paul agent</DESCRIPTION>
  <AGENTNAME>Any</AGENTNAME>
  <RUNAGENT>Y</RUNAGENT>
  <STOPTIME>1100</STOPTIME>
  <STOPDAY>7</STOPDAY>
  <CONFIGLOCATION>C:\Configfiles</CONFIGLOCATION>
  <MAXIDLETIME>10</MAXIDLETIME>
</AGENTMANAGERPROPERTIES>
```

Available XML Schemes

The following sample XML Schemes are available:

Creating Transactions

- Fees
- Distribution (All Types)
- Transfers
- Conforms
- Loans
- Eligibility

Tasks

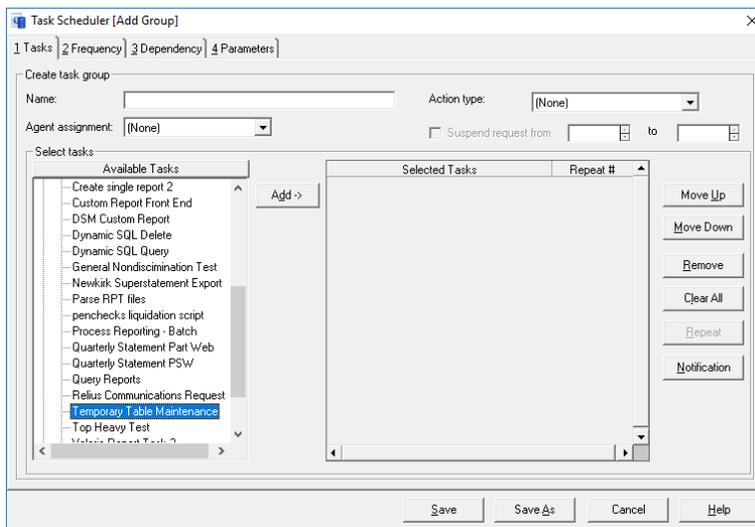
- Census Import
- Payroll
- Allocation Percent's
- UDF's
- Reports
- Create Employer
- Update Employer
- Create Plan
- Update Plan
- Create ER/Plan
- Create Multiple ER/Plan
- Add Funds/Sources

Restarting Agents Automatically

Windows Scheduled Tasks can be used to set the Agents to restart every morning after your system backups have completed. Be sure to setup a local Windows Agent user account to run the scheduled tasks. If that user account's password expires, the account information "at sign-on" will need to be changed as the passwords change.

Temporary Table Maintenance

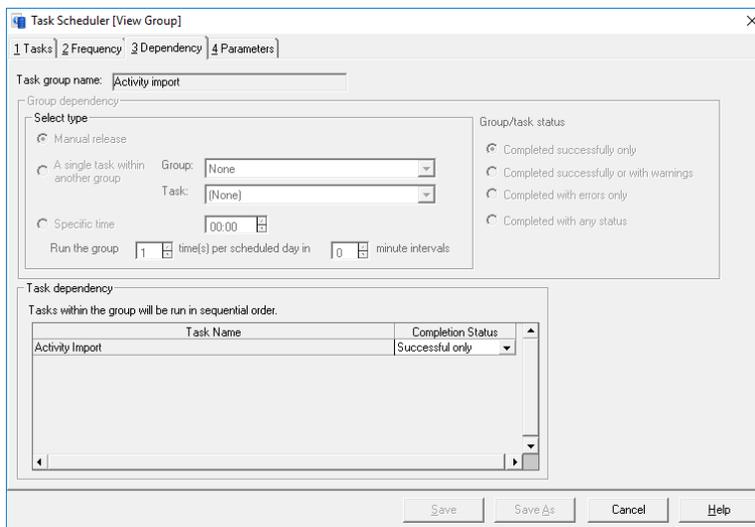
One task that can be conducted for field-installed clients (non-ASP) is “Temporary Table Maintenance,” often called QTClean. To create a task in STP, go into the STP Task Scheduler, scroll down to expand the “Reporting” tasks, and add “Temporary Table Maintenance” to the Task Group you are either creating or editing.



Continue setting up the task for your particular environment, selected times, etc. Save the task and let it run as you would an ordinary job.

Performance Recommendations

Running multiple STP jobs across different agents at the same time can hamper performance of your STP server or your database – or both. Rather than using different agents, it’s best to set up “dependencies” for your STP jobs. For example, when Job A is finished, you can set up Job B to launch immediately after Job A has completed. Use the “Dependency” tab in the Task Scheduler to create your chain of events.



This is especially true with a “Rate of Return” job. If you have a large database or a large number of plans, your best practice is to set up the Rate of Return imports with multiple plan groups, each depending on the other to finish before starting.