Order of Operations Download Statistics and Reward Points

# Download Statistics

## Instantaneous

* A File is downloaded, recorded into SQL06 DownloadStatisics.FileDownload

## Task that run every 5 minuets

* Job on SQL06 DLS\_ProcessesDataAndUpdateCounts that runs three procedures
  + SSIS SyncFileAndProjectData.dtsx
  + ProcessFileDownloadData
  + UpdateFileAndProjectCount
  + UpdateProjectDownloadsLastThirtyDays
  + Delete process rows in FileDownload Table

## Task that run once a day

* Job on SQL06 DLS\_UpdateProjectPopularity – central 8:17pm (simulated UTC midnight)
  + UpdateProjectPopularity
    - Do not run at a time that is also an interval for DLS\_ProcessesDataAndUpdateCounts offset the two there is a deadlock that can and will occur

## Task that run once a month

* InsertMonthIntoProjectDownloadByDateRange – this is called from UpdateProjectPopularity, that runs daily but has an IF statement to check if first day of the month if true execute this procedure.

# Rewards Points

## Instantaneous

* User places an Order, recorder in SQL02 Elerium.Transactions
* User Cancels an Order, Recorded in SQL02 Elerium.Transactions
* User Transfers Points to another User, recorder in SQL02 Elerium.Transactions
* User Receives points from another User, recorder in SQL02 Elerium.Transactions
* An Order is fulfilled, Recorded in SQL02 Elerium.Transactions
  + System fulfilled – System send or displays code to user
  + Manually fulfilled – manual sending of paypal or adding to pay check

## Task that run once a day

* RP\_GenerateDailyBudget on SQL02 Elerium database, ran via Cobalt.Elerium.Jobs.RewardPointsCalculationJob
* SSIS UserEligibility.dtsx, ran via Cobalt.Elerium.Jobs.RewardPointsCalculationJob
* Users Sync with Auth, ran via Cobalt.Elerium.Jobs.RewardPointsCalculationJob
* RP\_UserEligiblity onSQL01 Elerium database, ran via Cobalt.Elerium.Jobs.RewardPointsCalculationJob
* RP\_UserEligiblity onSQL01 Elerium database, ran via Cobalt.Elerium.Jobs.RewardPointsCalculationJob
* RP\_AwardDailyPointsToUsers onSQL01 Elerium database, ran via Cobalt.Elerium.Jobs.RewardPointsCalculationJob

## Task that run once a month

* RP\_GenerateMonthlyBudget on SQL02 Elerium database, ran via Cobalt.Elerium.Jobs.RewardPointsCalculationJob
* EcpmDownloads.dtsx, ran via Cobalt.Elerium.Jobs. RewardPointsCalculationJob
* RP\_ExpirePoints3YearsOld on SQL02 Elerium database, ran via Cobalt.Elerium.Jobs. RewardPointsCalculationJob