**DAAS DATA CAPTURE – INSTALLATION AND SETTINGS**

**New Table DAAS\_EXPORT**

This table keeps track of the MD5 hash key of the JSON messages already sent. Its SQL script:

*CREATE TABLE [dbo].[DAAS\_EXPORT](*

*[DAAS\_KEY1] [varchar](15) NOT NULL,*

*[DAAS\_KEY2] [varchar](15) NOT NULL,*

*[DAAS\_KEY3] [varchar](15) NOT NULL,*

*[DAAS\_KEY4] [varchar](15) NOT NULL,*

*[DAAS\_KEY5] [varchar](15) NOT NULL,*

*[DAAS\_SET\_NAME][varchar](15) NOT NULL,*

*[DAAS\_MD5] [nvarchar](100) NOT NULL,*

*[DAAS\_UPDATE\_TIME] [bigint] NOT NULL,*

*CONSTRAINT [PK\_DAAS\_EXPORT] PRIMARY KEY CLUSTERED*

*(*

*[DAAS\_KEY1] ASC,*

*[DAAS\_KEY2] ASC,*

*[DAAS\_KEY3] ASC,*

*[DAAS\_KEY4] ASC,*

*[DAAS\_KEY5] ASC,*

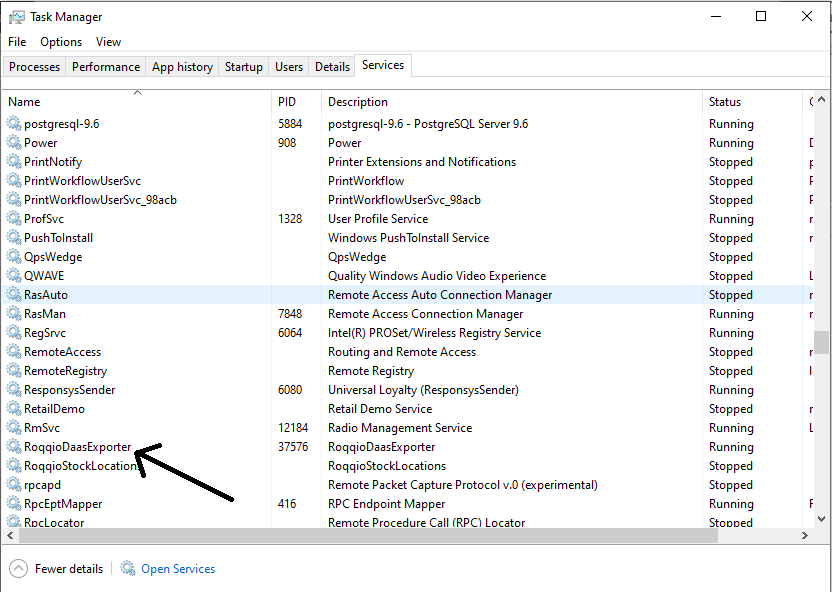
*[DAAS\_SET\_NAME] ASC*

*)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]*

*) ON [PRIMARY]*

**Installation**

The binaries consist of one executable, **PolitixDaas.exe**, the DLLs **RdeIniFile.dll, Apache.NMS.dll** and **Apache.NMS.ActiveMQ.dll** and the configuration files **PolitixDaas.ini** and **PolitixDaas.exe.config**. The installation is very simple, just create a directory in the C drive and copy the binaries there, together with the configuration files**.** The service is installed running the executable, **PolitixDaas.exe** with -i as a parameter, and it is uninstall running it with the parameter -u, in both cases with administrative rights.

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When installed, it will appear in the Services list as “RoqqioDaasExporter”.

**Settings**

The settings are in the file **PolitixDaas.ini**. One example:

*[SMTP]*

*host=smtp.gmail.com*

*username=PANCHOVILLA@gmail.com*

*password=XXXXXXXX*

*port=587*

*tls=1*

*emailfrom=francesco.stambecchi@gmail.com*

*recipients=rodolfod@futura4retail.com.au,rodolfothegreat@hotmail.com*

*emailsubject=Politix Daas...*

*[SQL]*

*server=futura-sql.politix.com.au*

*ersnzdatabase=FUTURA\_DEV\_NZ*

*ersdatabase=FUTURA\_DEV*

*userid=xxxxxxxxx*

*password=xxxxxxxxxx*

*osauthentication*

*[SYSTEM]*

*ResultSet*

*ActiveMQUrl=localhost:61616*

*intervalmins=1*

*MinSendDate=20220221*

*PermanentMarkDownsInitialDate=20210401*

*PermanentMarkDownsNZInitialDate=20220401*

*InventoryAdjustmentsInitialDate=20210101*

*TransfersFromHOInitialDate=20220101*

*TransfersFromBranchesInitialDate=20220101*

*InventoryAdjustmentFromDate*

*InventoryAdjustmentToDate*

*OrdersInitialDate=20220201*

*ShipmentsInitialDate=20210201*

*Debug=1*

*SalesDateFrom=0*

*SalesDateTo=*

*ShipmentsFromDate=0*

*ShipmentsToDate=0*

*MarkdownsFromDate=0*

*MarkdownsToDate=0*

*MarkdownsNZFromDate=0*

*MarkdownsNZToDate=0*

*OrdersFromDate=0*

*OrdersToDate=0*

*InventoryAdjustmentFromDate=0*

*InventoryAdjustmentToDate=0*

*TransfersFromHOFromDate=0*

*TransfersFromHOToDate=0*

*TransfersFromBranchesFromDate=0*

*TransfersFromBranchesToDate=0*

*LookupIntervalDays=3000*

*BlockLocations=1*

*BlockProducts=1*

*BlockPrices=1*

*BlockSales=1*

*BlockPermanentMarkdowns=1*

*BlockPermanentMarkdownsNZ=1*

*BlockInventory=1*

*BlockInventoryAdjustments=1*

*BlockTransfersFromHO=1*

*BlockTransfersFromBranches*

*BlockOrders=1*

*BlockShipments=1*

*PermanentMarkdownUpdate=20220502042238*

*PermanentMarkdownNZUpdate=20220510030233*

*LocationUpdate=20220224095814*

*ProductUpdate=20220225115509*

*InventoryUpdate=20220317095809*

*TransfersFromHOUpdate=20220503030547*

*ShipmentsUpdate=20220503020651*

*WacIntervalDays=10*

*SaleUpdate=20220502033027*

*InventoryAdjustmentsUpdate=20220503111559*

*OrdersUpdate=20220503014604*

*TransfersFromBranchesUpdate=20220504115042*

*[Queues]*

*Orders=Orders*

*Locations=Locations*

*Prices=Prices*

*Products=Products*

*Sales=Sales*

*PermanentMarkdowns=PermanentMarkdowns*

*Inventory=Inventory*

*InventoryAdjustments=InventoryAdjustments*

*TransfersFromHO=TransfersFromHO*

*TransfersFromBranch=TransfersFromBranch*

*Shipments=Shipments*

In the INI file we have these sections:

**SMTP**

SMTP server details. The service emails the logged errors at the end of a cycle. It works with TLS.

**SQL**

MS SQL server details.

**SYSTEM**

The parameters in this section:

|  |  |
| --- | --- |
| Intervalmins | Interval time in minutes |
| Debug | When equal to 1, more data is sent to the log files. Default to 0 |
| ActiveMQUrl | URL and port number of the Active MQ, for example: futura-dev.politix.com.au:61616 |
| MinSendDate | The format is YYYYMMDD, sales initial date. Sales older than this date will not be imported. |
| MinSendDateNZ | The format is YYYYMMDD, sales NZ initial date. Sales NZ older than this date will not be imported. |
| PermanentMarkDownsInitialDate | Permanent markdowns initial date |
| PermanentMarkDownsNZInitialDate | Permanent markdowns NZ initial date |
| InventoryAdjustmentsInitialDate | Inventory adjustments initial date |
| InventoryAdjustmentsNZInitialDate | Inventory adjustments NZ initial date |
| TransfersFromHOInitialDate | Transfers from HO initial date |
| TransfersFromHONZInitialDate | Transfers from HO NZ initial date |
| TransfersFromBranchesInitialDate | Transfers from branches initial date |
| TransfersFromBranchesNZInitialDate | Transfers from branches NZ initial date |
| OrdersInitialDate | Orders initial date |
| ShipmentsInitialDate | Shipments initial date |
| ShipmentsNZInitialDate | Shipments NZ initial date |
|  |  |
| BlockLocations | Default is 0, when equal to 1, this entity is not imported |
| BlockProducts | Default is 0, when equal to 1, products are not imported |
| BlockPrices | Default is 0, when equal to 1, prices are not imported |
| BlockPricesNZ | Default is 0, when equal to 1, prices NZ are not imported |
| BlockPermanentMarkdowns | Default is 0, when equal to 1, permanent markdowns are not imported |
| BlockPermanentMarkdownsNZ | Default is 0, when equal to 1, permanent markdowns NZ are not imported |
| BlockInventory | Default is 0, when equal to 1, inventory is not imported |
| BlockInventoryAdjustments | Default is 0, when equal to 1, inventory adjustments are not imported |
| BlockInventoryAdjustmentsNZ | Default is 0, when equal to 1, inventory adjustments NZ are not imported |
| BlockTransfersFromHO | Default is 0, when equal to 1, transfers from HO are not imported |
| BlockTransfersFromHONZ | Default is 0, when equal to 1, transfers from HO NZ are not imported |
| BlockTransfersFromBranches | Default is 0, when equal to 1, transfers from branches are not imported. |
| BlockTransfersFromBranchesNZ | Default is 0, when equal to 1, transfers from branches NZ are not imported. |
| BlockOrders | Default is 0, when equal to 1, orders are not imported. |
| BlockShipments | Default is 0, when equal to 1, shipments are not imported. |
| BlockShipmentsNZ | Default is 0, when equal to 1, shipments NZ are not imported. |
| BlockSales | Default is 0, when equal to 1, sales AUS are not imported. |
| BlockSalesNZ | Default is 0, when equal to 1, sales NZ are not imported. |
| PermanentMarkdownUpdate | Date and time when this entity was imported last time. When set to 0, it causes an initial load |
| PermanentMarkdownUpdateNZ | As above |
| LocationUpdate | As above |
| ProductUpdate | As above |
| InventoryUpdate | As above |
| TransfersFromHOUpdate | As above |
| TransfersFromHONZUpdate | As above |
| ShipmentsUpdate | As above |
| ShipmentsNZUpdate | As above |
| SaleUpdate | As above |
| SaleUpdateNZ | As above |
| InventoryAdjustmentsUpdate | As above |
| InventoryAdjustmentsNZUpdate | As above |
| OrdersUpdate | As above |
| TransfersFromBranchesUpdate | As above |
| TransfersFromBranchesNZUpdate | As above |
| WacIntervalDays | Wac interval days |
| InventoryBranch | When it is a value grater than 0, only export items from that branch. **Only to be used in test and development**. |

Also, in the System section we have these items:

SalesDateFrom

SalesDateTo

SalesNZDateFrom

SalesNZDateTo

ShipmentsFromDate

ShipmentsToDate

ShipmentsNZFromDate

ShipmentsNZToDate

MarkdownsFromDate

MarkdownsToDate

MarkdownsNZFromDate

MarkdownsNZToDate

OrdersFromDate

OrdersToDate

InventoryAdjustmentFromDate

InventoryAdjustmentToDate

InventoryAdjustmentNZFromDate

InventoryAdjustmentNZToDate

TransfersFromHOFromDate

TransfersFromHOToDate

TransfersFromHONZFromDate

TransfersFromHONZToDate

TransfersFromBranchesNZFromDate

TransfersFromBranchesNZToDate

They are used for importing entity data within a date range, for example, to import the sales NSW from Jan 2020 to March 2020:

SalesDateFrom=20200101

SalesDateTo=20200331

The format of the date is YYYYMMDD.

For Sales NZ for the same date rang:

SalesNZDateFrom=20200101

SalesNZDateTo=20200331

**Queues**

This section contains the names of the queues. This is an example:

[Queues]

Locations=Politix.Locations

Prices=Politix.Prices

Products=Politix.Products

Sales=Politix.Sales

PermanentMarkdowns=Politix.PermanentMarkdowns

Inventory=Politix.Inventory

InventoryAdjustments=Politix.InventoryAdjustments

TransfersFromHO=Politix.TransfersFromHO

TransfersFromBranch=Politix.TransfersFromBranch

Orders=Politix.Orders

Shipments=Politix.Shipments

**LOGGINGS**

The service creates a “log” directory in the installation path. There are two kind of log files. logYYYYMMDD.txt and errorlogYYYYMMDD.txt, where YYYYMMDD is the current date. The service includes a housekeeping, all log files older than three months are deleted.

**INITIAL LOAD**

In the INI file, in the System section there are items whose name finishes with “Update”:

PermanentMarkdownUpdate=20220506012925

PermanentMarkdownNZUpdate=20220516100049

LocationUpdate=20220224095814

ProductUpdate=20220225115509

InventoryUpdate=20220317095809

TransfersFromHOUpdate=20220516105102

TransfersFromHONZUpdate=20220517092634

SaleUpdate=20220502033027

SaleUpdateNZ=20220505032306

OrdersUpdate=20220503014604

TransfersFromBranchesUpdate=20220516105103

TransfersFromBranchesNZUpdate=20220517105027

InventoryAdjustmentsUpdate=20220518010341

InventoryAdjustmentsNZUpdate=20220516013527

ShipmentsUpdate=20220518010430

ShipmentsNZUpdate=20220518010430

When we need an initial load for a particular entity, we stop the service, we edit the file PolitixDaas.ini, setting its corresponding item to 0, for example, for Inventory Adjustments NZ:

InventoryAdjustmentsNZUpdate=0

Save and start the service.

**LOAD DATA WITHIN A GIVEN DATE RANGE**

In the INI file, the System section, there are these items:

InventoryAdjustmentFromDate=0

InventoryAdjustmentToDate=0

InventoryAdjustmentNZFromDate=0

InventoryAdjustmentNZToDate=0

SalesNZDateFrom=0

SalesNZDateTo=0

SalesDateFrom=0

SalesDateTo=0

ShipmentsFromDate=0

ShipmentsToDate=0

ShipmentsNZFromDate=0

ShipmentsNZToDate=0

MarkdownsFromDate=0

MarkdownsToDate=0

MarkdownsNZFromDate=0

MarkdownsNZToDate=0

OrdersFromDate=0

OrdersToDate=0

TransfersFromHOFromDate=0

TransfersFromHOToDate=0

TransfersFromHONZFromDate=0

TransfersFromHONZToDate=0

TransfersFromBranchesFromDate=0

TransfersFromBranchesToDate=0

TransfersFromBranchesNZFromDate=0

TransfersFromBranchesNZToDate=0

These are the steps for importing data for a particular entity and a given date range:

* Stop the service
* Edit the INI file with a text editor, if, for example, the entity is Orders and the date range is 1 Jan 2022 to 31 Jan 2022, set OrdersFromDate equal to 20220101 and OrdersToDate to 20220131.
* Restart the service

Notice, the format is YYYYMMDD. Also, do not leave a blank space near the ‘=’:

OrdersFromDate=20220101

OrdersToDate=20220131

This will not work:

OrdersFromDate = 20220101

OrdersToDate = 20220131

**Sales WAC**

In the INI file, System section there is item:

WacIntervalDays=1

It sets the number of days between the sale date and re reading the WAC value, if the two values are different, the sales Jason is resent.