

WFM 20.2 Admin Guide

Use the procedures and reference tables below to configure the **Winshuttle Custom Security Table** for your own organization.

Transaction: Advanced maintenance for specific rules

With this feature installed on SAP, the ABAP add-on can process specific transaction codes, with or without batch-relevant screens. It is also used to enable the handling of specific error messages.

This table should be edited only when you are advised to do so by [Winshuttle Support](#), or if you are an advanced user with a deep understanding of SAP.

Table name: /WINSHTLQ/TRCTAB

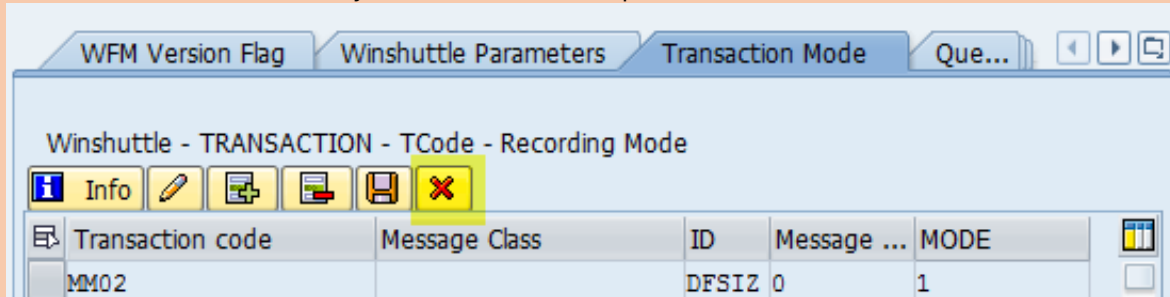
Table field detail

Field name	Field description	Field explanation
MANDT	Client	Client (key field in client-specific tables)
YREFID	ID ('TRUE' or 'ERROR')	Rule type (related to transaction, or error message)
YTCODE	Transaction Code	Transaction Code
YMSGID	Message Class	Message Class: Message Class for a message where it was maintained.
YMSGNO	Message Number	This is a number in the Message Class of the specific message. A message can be identified with Message Class and Message Number.
ZDEFMODE	Rule value (1 BATCH, 2 NONBATCH)	Processing with or without batch relevant screens.

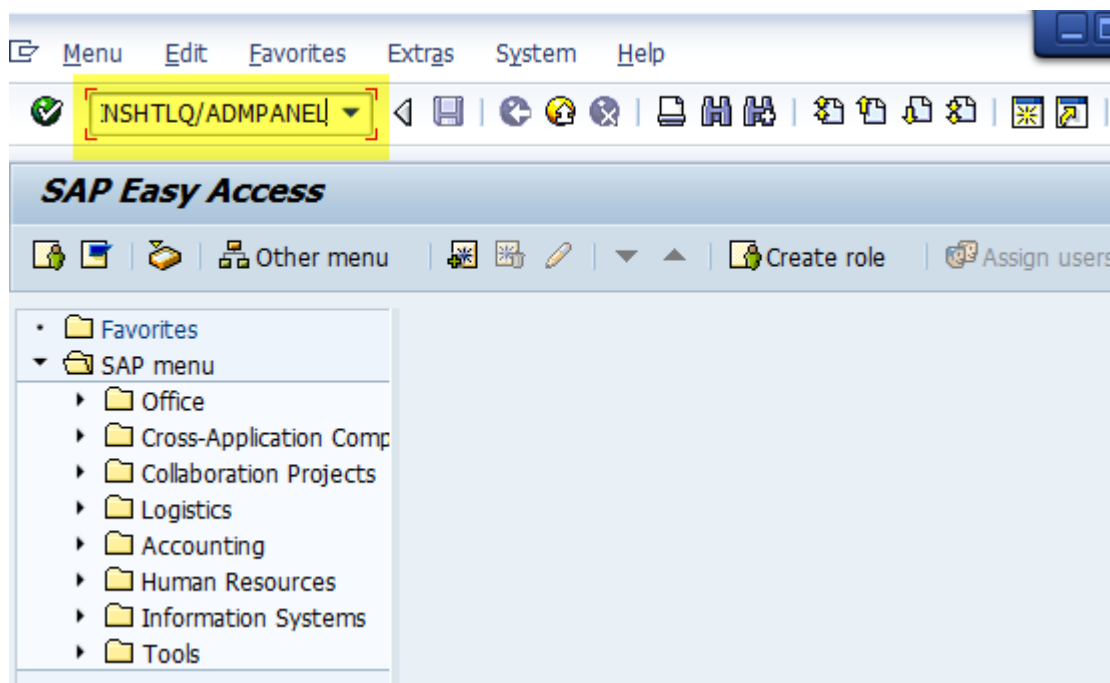
Advanced maintenance of the table

In normal scenarios, you do not need to maintain this table unless you are advised to by [Winshuttle Support](#). You may opt to maintain this table if you are an advanced user and are sure of the changes.

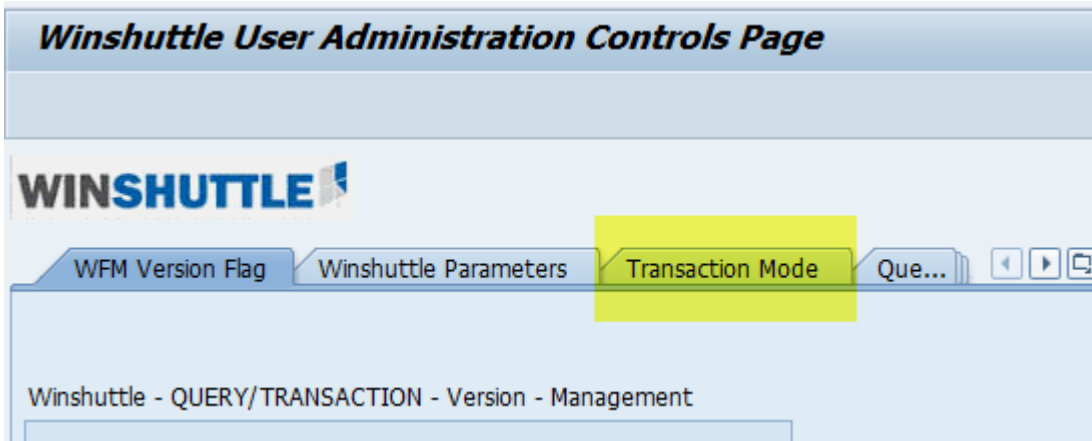
Note: Click **Cancel** to cancel any action or return to the previous screen.



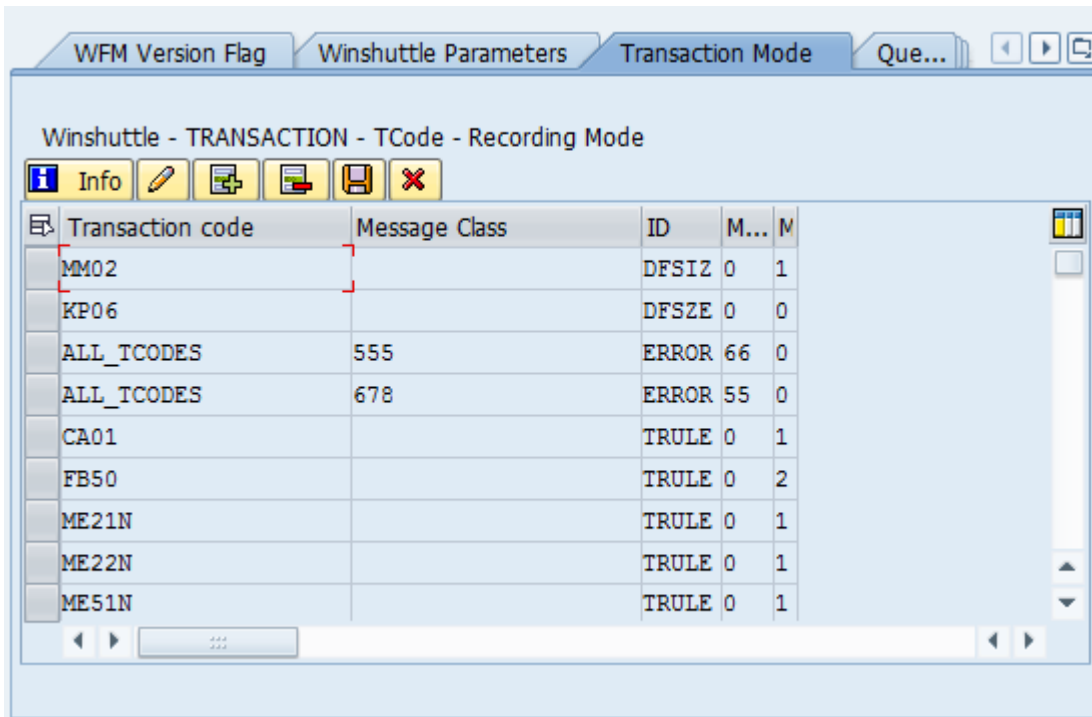
Enter the transaction code `/n/WINSHTLQ/ADMPANEL`.



Click the **Transaction Mode** tab.



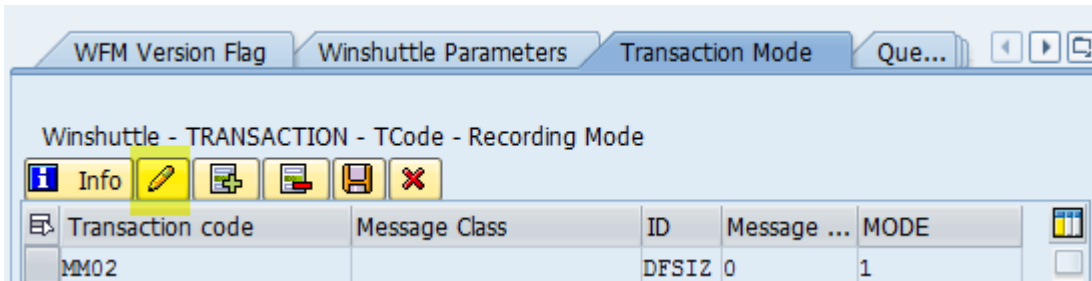
The screen shows the Table /WINSHTLQ/TRCTAB values.



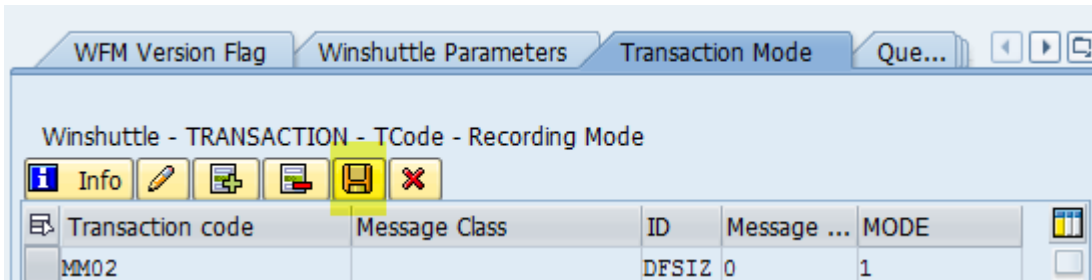
The following steps show you how to insert and delete by using the transaction code /WINSHTLQ/ADMPANEL for transaction rule maintenance.

Modify values

To modify the table values, click **Change**.



Make the changes that you want in the **Mode** column and then click **Save**.

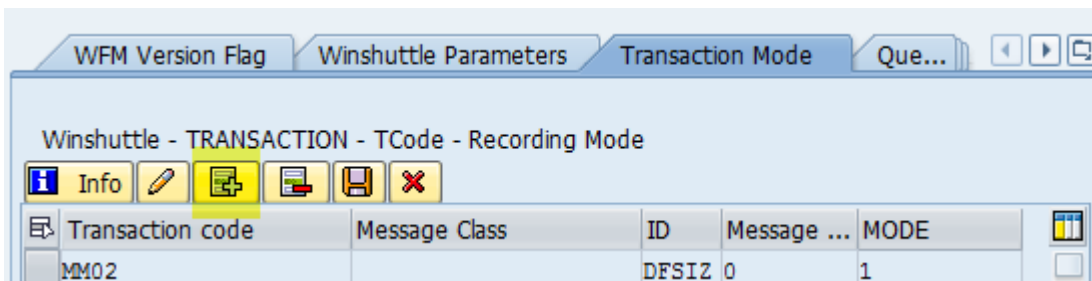


The **Data Saved** message at the bottom of the window shows that the save was successful.

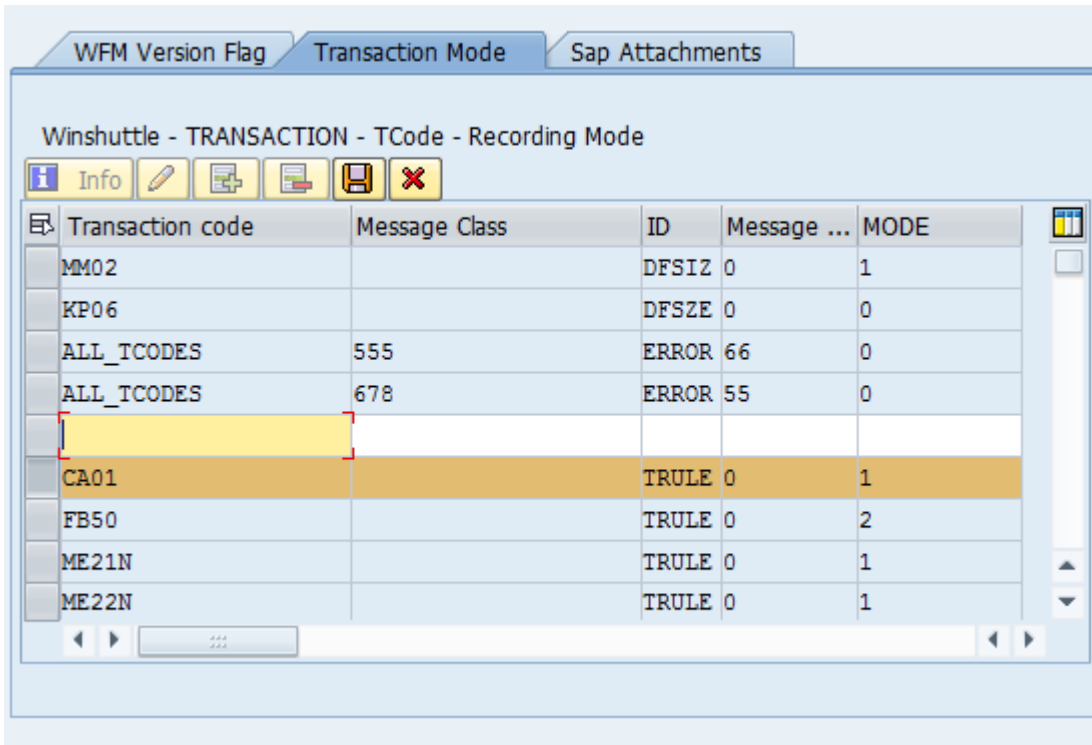


Insert Row (Addition)

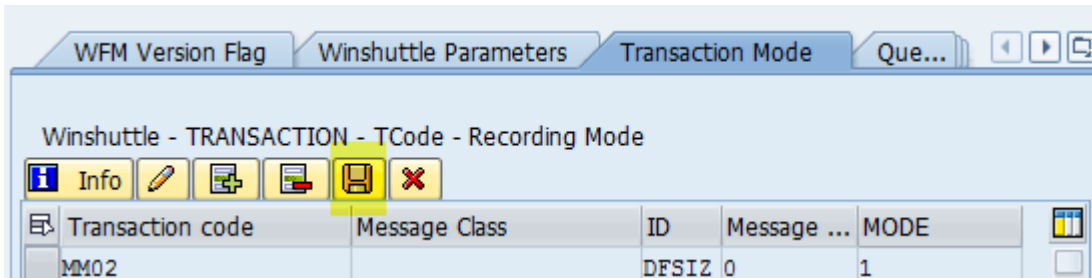
To add a new row in the Table /WINSHTL/TRCTAB, select the record or position and then click **Insert Row**.



The new row will be added above the selection.



Enter the values for the fields and then click **Save**.



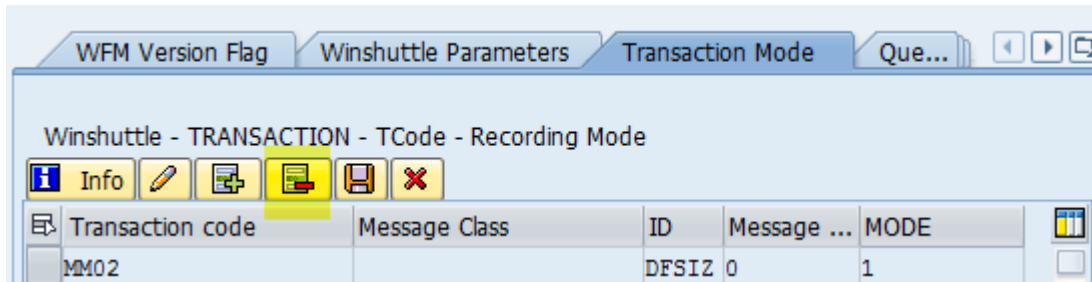
The **Data Saved** message at the bottom of the window indicates that the save was successful.



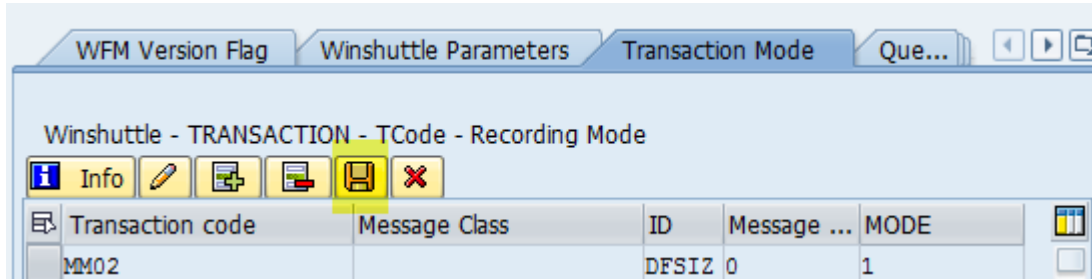
Delete Row (Deleting an existing record)

Select a record or row to be deleted from the Table /WINSHTL/TRCTAB.

Click **Delete Row**.



Click **Save** to complete the deletion of the selected record.



The **Data Saved** message at the bottom of the window shows that the save was successful.



Query: Description of security and maintaining the security table

Data security in Query is built around the custom security table /WINSHTLQ/QRSAOB, which is installed on the SAP system that stores the data to be queried. In this table, the IT/SAP administrator for the customer can specify the authorization checks on the data that users are trying to access.

The Winshuttle custom security table consists of the following fields:

Table name: SAP Table name to be secured

Authorization object: Assigned authorization object to be checked

Authorization Field name: Field in the SAP table to be used for authorization check

Authorization Field text: Text description of the field

Authorization object text: Text description of the authorization object

You can maintain this security table by using the SAP transaction code SM30.

Query processing

During query creation and execution, Query performs a number of steps to restrict data access to exactly what the user is supposed to see. Query uses the Winshuttle custom security table as another security layer within which the user's accessible Authorization objects are checked. If the authorization object is used and a value specified in a user's SAP profile, checks are made against this value.

During Query processing: in the Winshuttle custom security table (along with the authorization objects), the SAP table and SAP field meant for data restriction are retrieved. Authorization checks are made on the values retrieved for the SAP username and records – with failed authorization removed from the output.

Winshuttle custom security table example

In this screenshot, eight Authorization objects have been defined in the Winshuttle security table, with the SAP Tables and SAP Fields specified for data restriction.

The screenshot shows the SAP Security Manager interface. The title bar reads "Change View 'Winshuttle - querySHUTTLE - Security - Authori...". Below the title bar is a toolbar with icons for "New Entries" and other functions. The main area contains a table titled "Winshuttle - querySHUTTLE - Security - Authorization Objects".

Table Name	AuthObject	Field name	Field Text
ANLA	A_B_ANLKL	BUKRS	AM Company Code
BKPF	F_BKPF_BUK	BUKRS	Company Code
BNKA	F_BNKA_BUK	BUKRS	Company Code
KNB1	F_KNA1_BUK	BUKRS	Company Code
KNKA	F_KNKA_KKB	KKBER	Credit Control area
MARC	M_MATE_WRK	WERKS	Plant
MDLG	M_MATE_WRK	WERKS	Plant
VBAK	V_VBRK_VKO	VKORG	Sales Organization

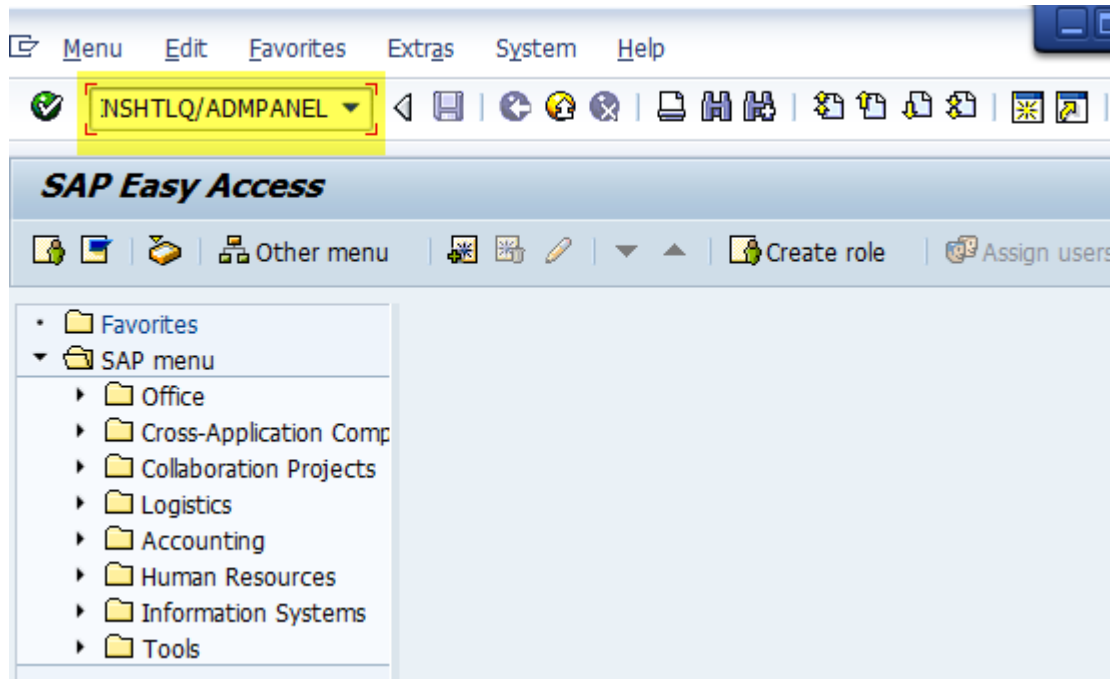
At the bottom of the window, there is a "Position..." button, a status bar showing "Entry 1 of 8", and a footer with "W6D (1) 800 WSS-CHD-W6D INS".

Winshuttle provides certain default values in this table during the installation of the Winshuttle Function Module. The following table shows the default Authorization objects that are provided by Winshuttle.

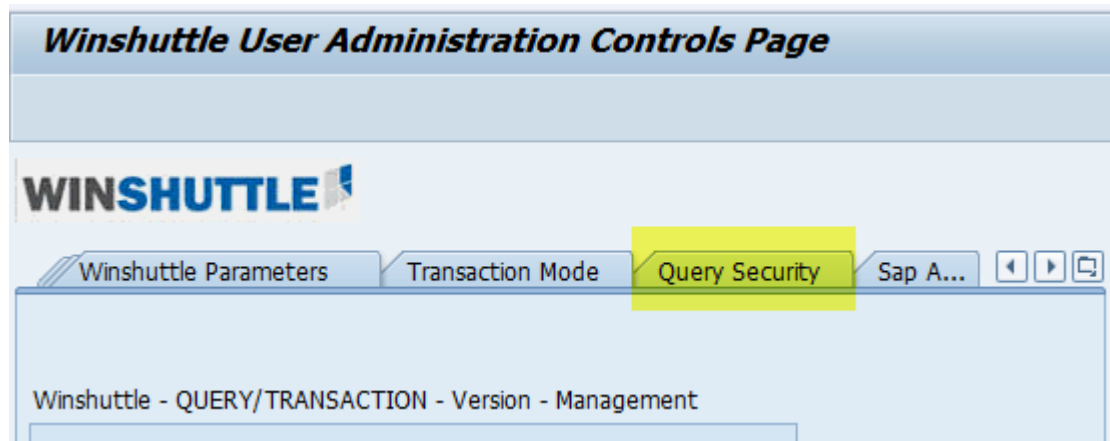
SAP TABLE	Object	Field	Field Description	Auth. object text
BKPF	F_BKPF_BUK	BUKRS	Company Code	Accounting Document: Authorization for Company Codes
KNB1	F_KNA1_BUK	BUKRS	Company Code	Customer: Authorization for Company Codes
KNKK	F_KNKA_KKB	KKBER	Credit Control area	Credit Management: Authorization for Credit Control Area
LFB1	F_LFA1_BUK	BUKRS	Company Code	Vendor: Authorization for Company Codes
SKB1	F_SKA1_BUK	BUKRS	Company Code	G/L Account: Authorization for Company Codes
EKKO	M_BEST_EKO	EKORG	Purchasing Organization	Purchasing Organization in Purchase Order
EKPO	M_BEST_WRK	WERKS	Plant	Plant in Purchase Order
MARC	M_MATE_WRK	WERKS	Plant	Material Master: Plants
KNVV	V_KNA1_VKO	VKORG	Sales organization	Customer: Authorization for Sales Organizations
VBAK	V_VBAK_VKO	VKORG	Sales organization	Sales Document: Authorization for Sales Areas
VBRK	V_VBRK_VKO	VKORG	Sales organization	Billing: Authorization for Sales Organizations

Change, insert or delete items in the Query custom security table

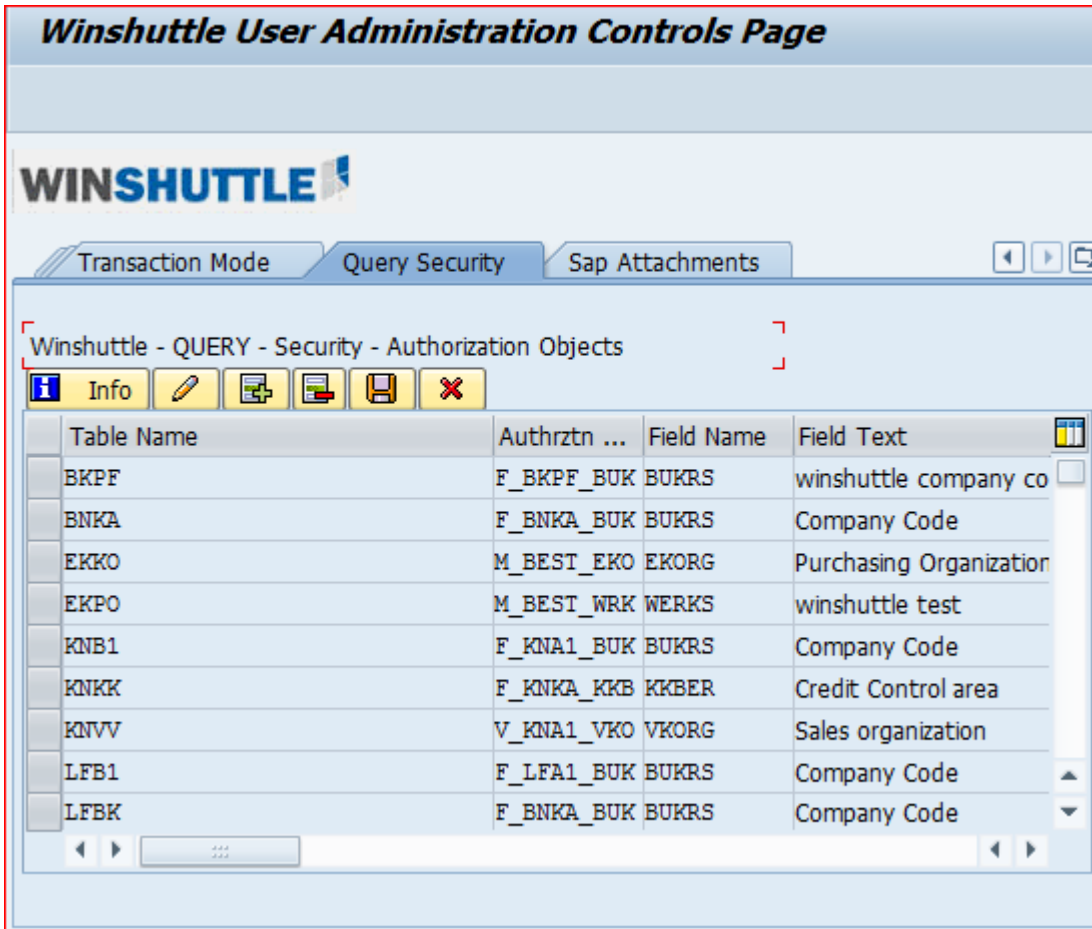
Enter the transaction code `/n/WINSHTLQ/ADMPANEL`.



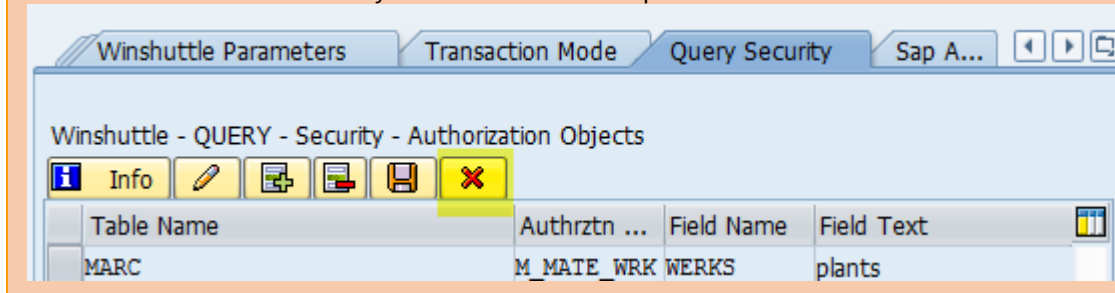
Click the **Query Security** tab.



The screen will show the Table /WINSHTLQ/QRSAOB values.



Note: Click **Cancel** to cancel any action or return to the previous screen.

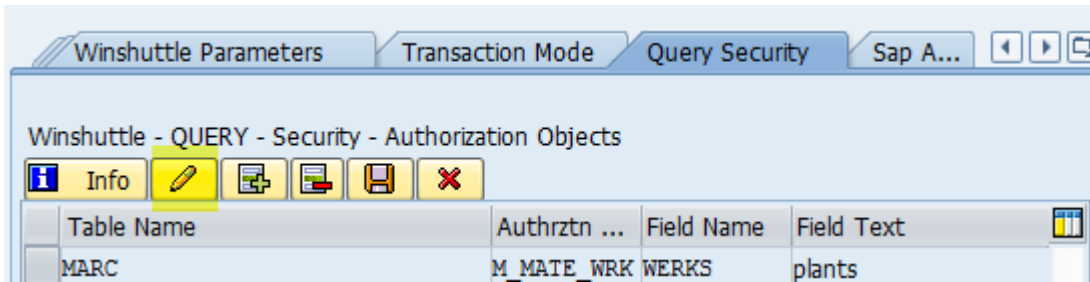


The following steps show you how to insert, delete, and change values.

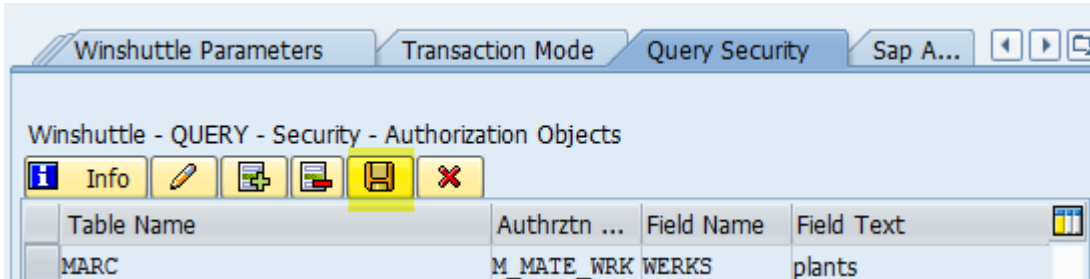
Change values

Note that key values (Table name, Authorization object, and Field name) cannot be modified. To change any of these, [delete the record](#), and then add it with the values that you want.

To modify the table field text values, click **Change**.



Make the changes that you want in the **Field Text** column, and then click **Save**.

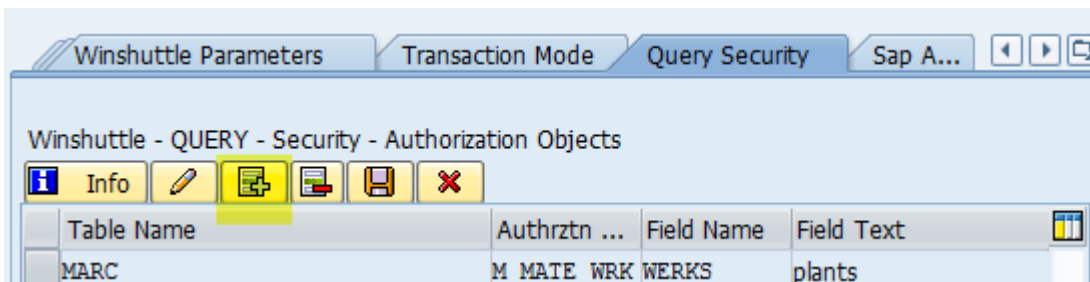


The **Data Saved** message at the bottom of the window shows that the save was successful.



Insert Row (Addition)

To add a new row in the Table /WINSHTLQ/QRSAOB, select the record or position, and then click **Insert Row**.

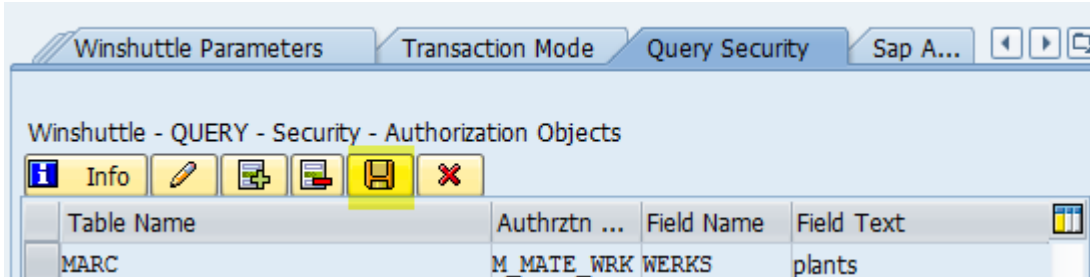


Enter the values for the fields.

Important: The following fields are mandatory:

Table name
Authorization object
Field name

Click **Save**.



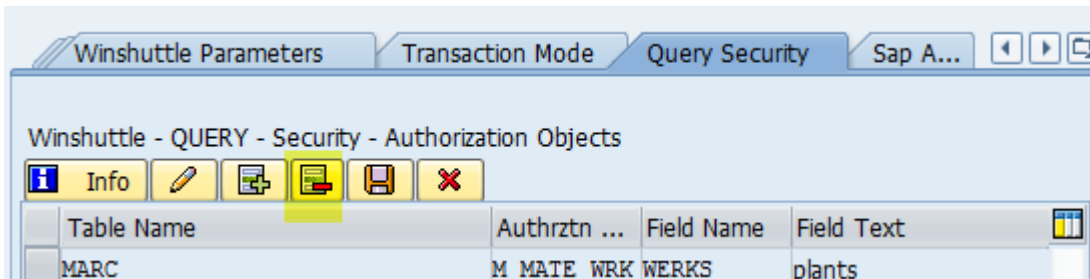
The **Data Saved** message at the bottom of the window shows that the save was successful.



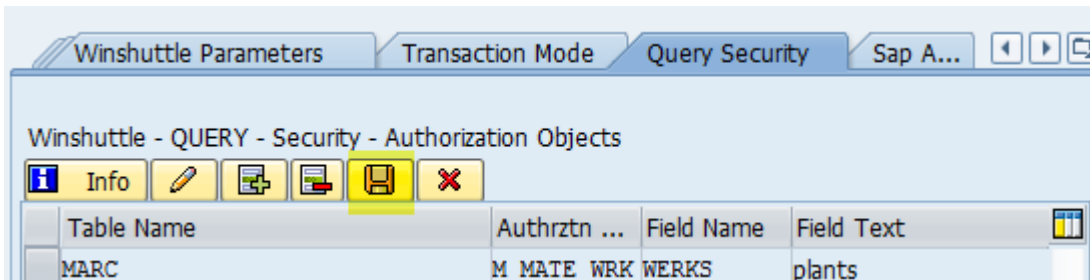
Delete Row (Deleting an existing record)

Select a record/row to be deleted from the Table /WINSHTLQ/QRSAOB.

Click **Delete Row**.



Click **Save** to complete the deletion of the selected record.



The **Data Saved** message at the bottom of the window shows that the save was successful.



Query and Transaction parameters: Maintain Timeout and other settings centrally

Use the following Winshuttle parameters to maintain some features of Query and Transaction centrally.

F4NSP_TIMEOUT: Value in seconds timeout for F4, number of entries, preview, search from Windows Query application. Example: 300 for 5 min. If the seconds value is empty or 0, there is no central timeout control for F4, number of entries, preview, and search.

QUERY_TIMEOUT: Value in seconds timeout query execution from Windows Query application. Example: 300 for 5 min. If the seconds value is empty or 0, there is no central timeout control.

TIME_SYNC_FREQ: Default value is 1 if not maintained.

This is the least frequency in seconds used to sync with the current server time during processing.

CHUNK_FACTOR: Default value is 15 if not maintained.

(It is twice the maximum average number of users that may use the Query client application for multiple-table queries.)

This value in no way restricts or limits the users.

The value is used only to compute the internal parallel data compression capacity for intermediate processing results in multiple-table queries that are run in Adaptive Query Throttling mode.

This chunk factor is used internally to increase the data processing capacity by 10 times on average.

DAYS_OLD_CHUNKS: Default value is 10 (days) if not maintained.

The value defines the number of days until the orphaned Winshuttle Query buffer chunks will be removed. Normally the chunk buffer is cleared as soon as the query runs. In extreme cases, these buffer chunks still exist and will be cleared after this cut-off duration.

OLDCHUNKS: Default value is blank (or not maintained).

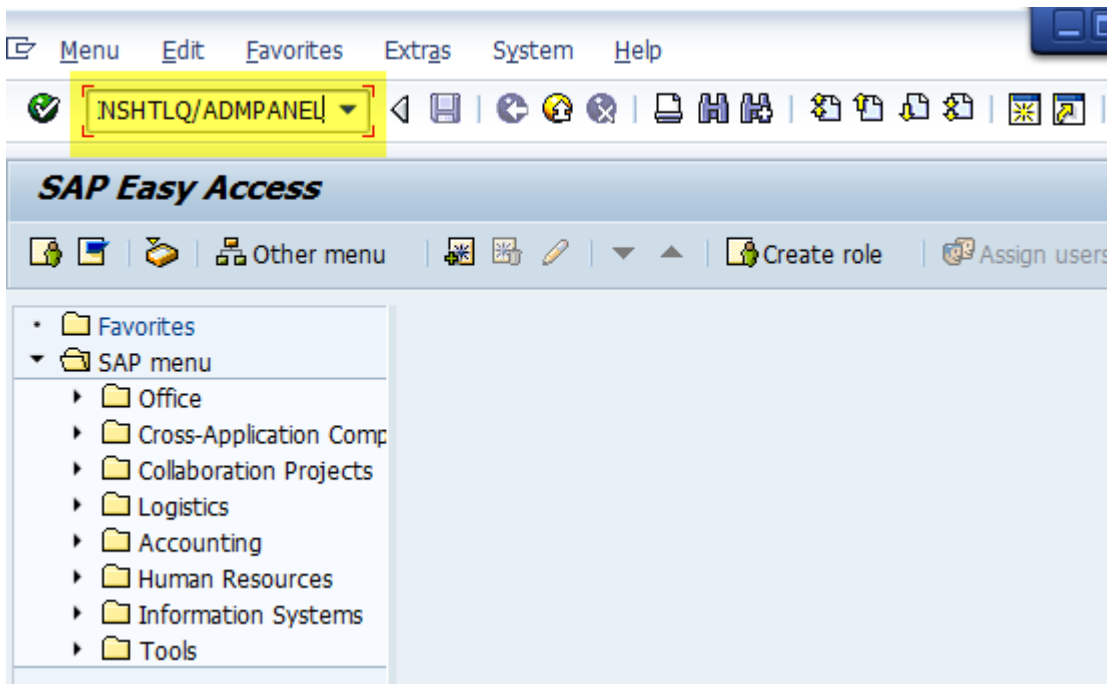
(For Winshuttle internal use only, related to orphaned chunks.)

If a record exists with value 'X' then exit, else check older chunks (prior to version 10.2).

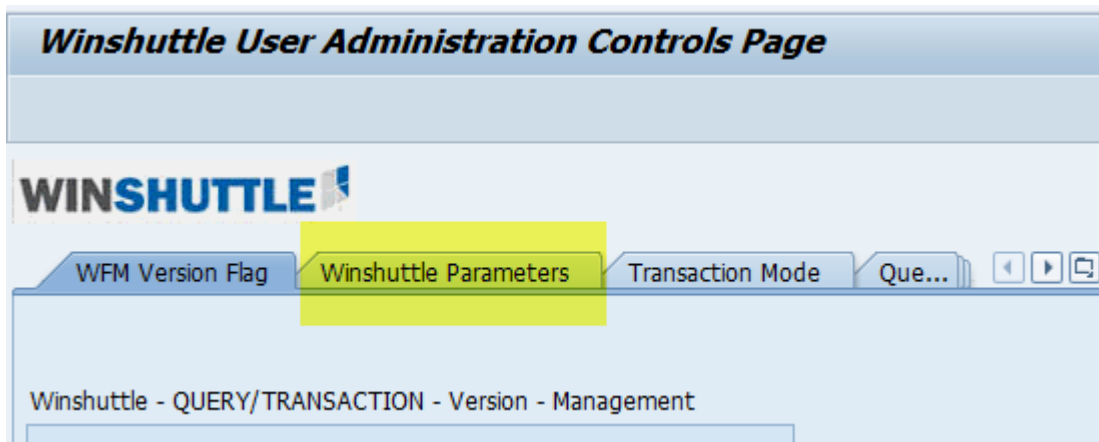
FREQCHUNKMON: The default value is 60 (seconds) and the minimum value is also 60. The value is maintained in seconds. The monitoring is done at this frequency for orphaned chunks.

Add or change a setting centrally

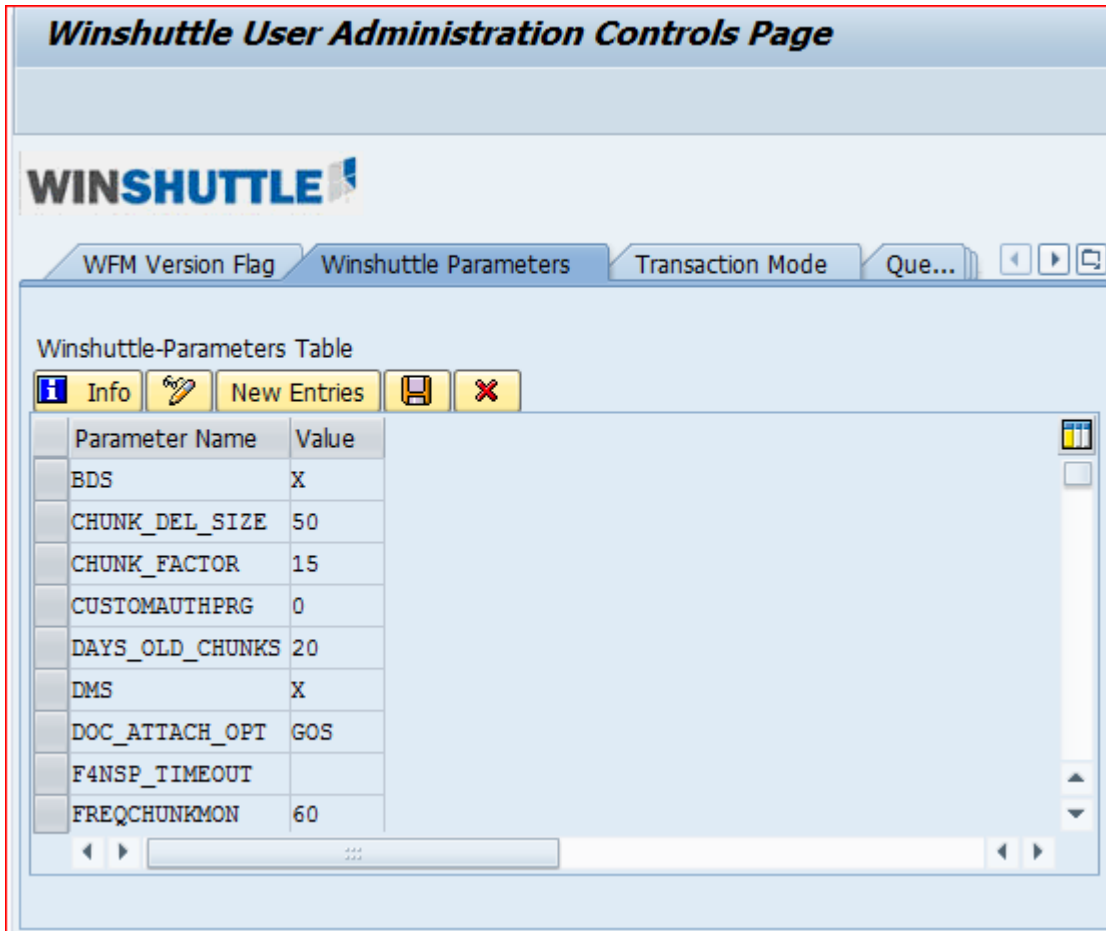
Enter the transaction code `/n/WINSHTLQ/ADMPANEL`.



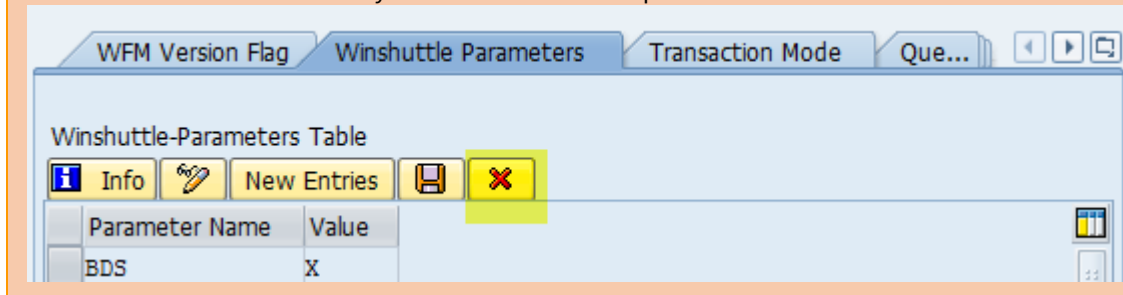
Click the **Winshuttle Parameters** tab.



The screen shows the Table /WINSHTLQ/QREPRM values.

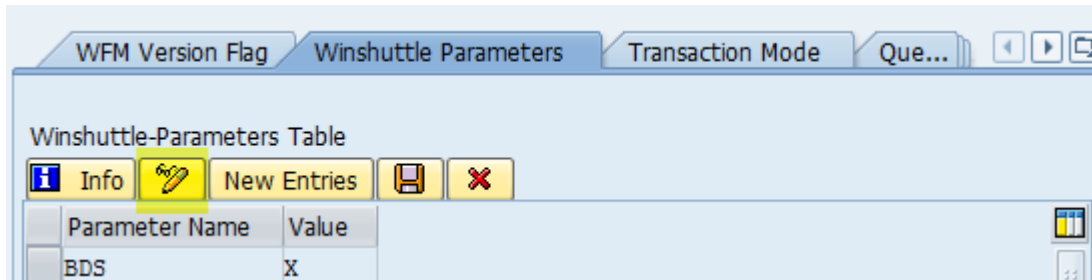


Note: Click **Cancel** to cancel any action or return to the previous screen.

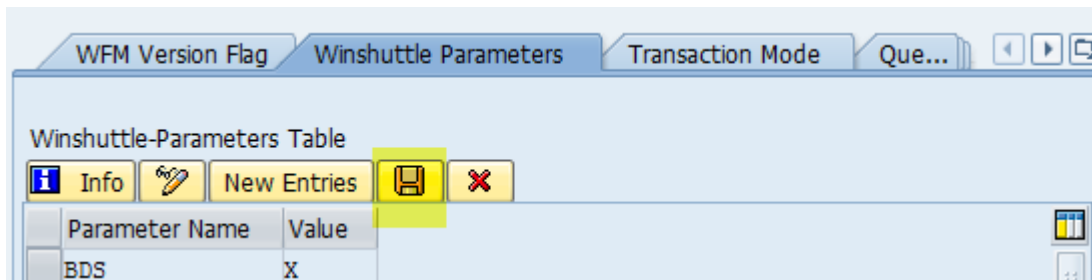


Modify values

To modify the table parameter values, click **Change**.



Make the changes that you want in the **Value** column, and then click **Save**.

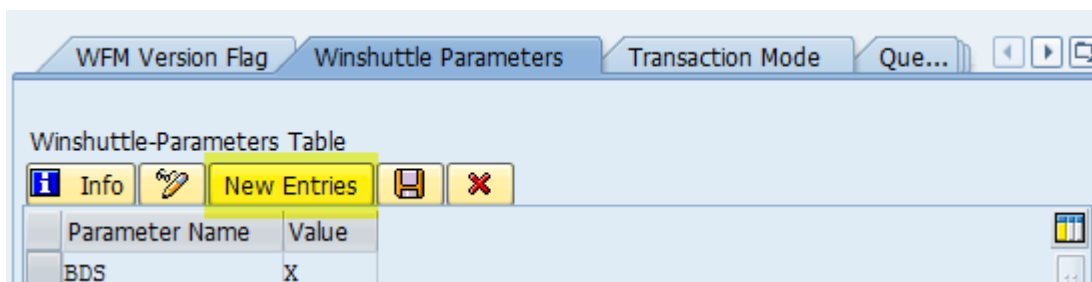


The **Data Saved** message at the bottom of the window shows that the save was successful.

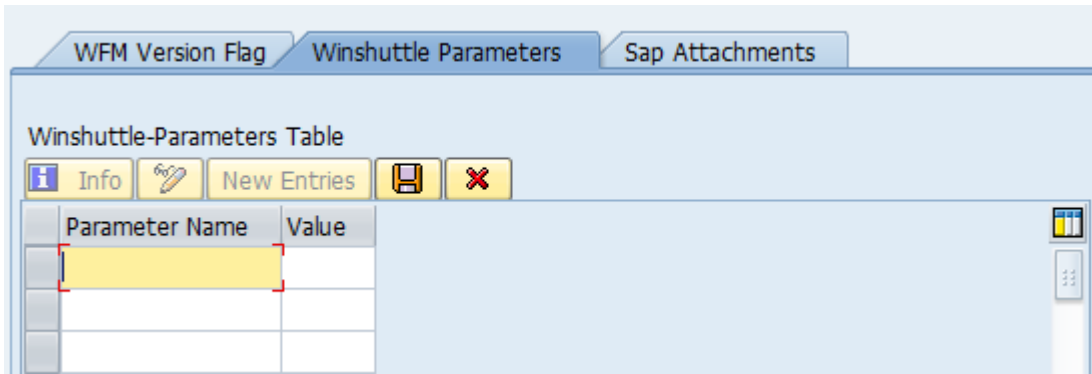


New Entries (Addition)

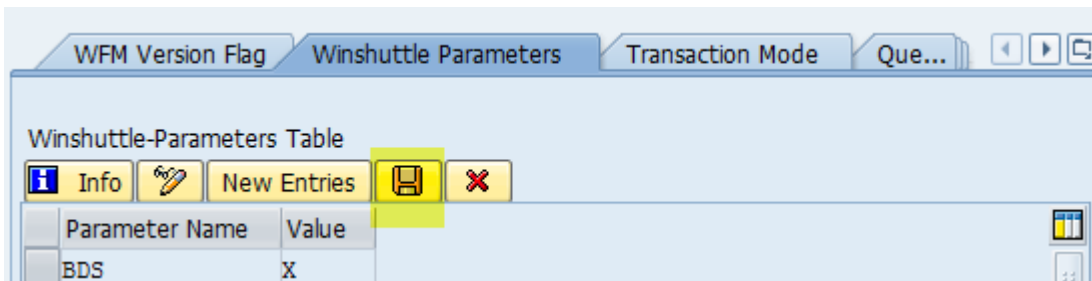
To add a parameter, click **New Entries**.



In the blank fields, type the name and value for each parameter that you want to add.



After you enter all the parameters you want to add, click **Save**.



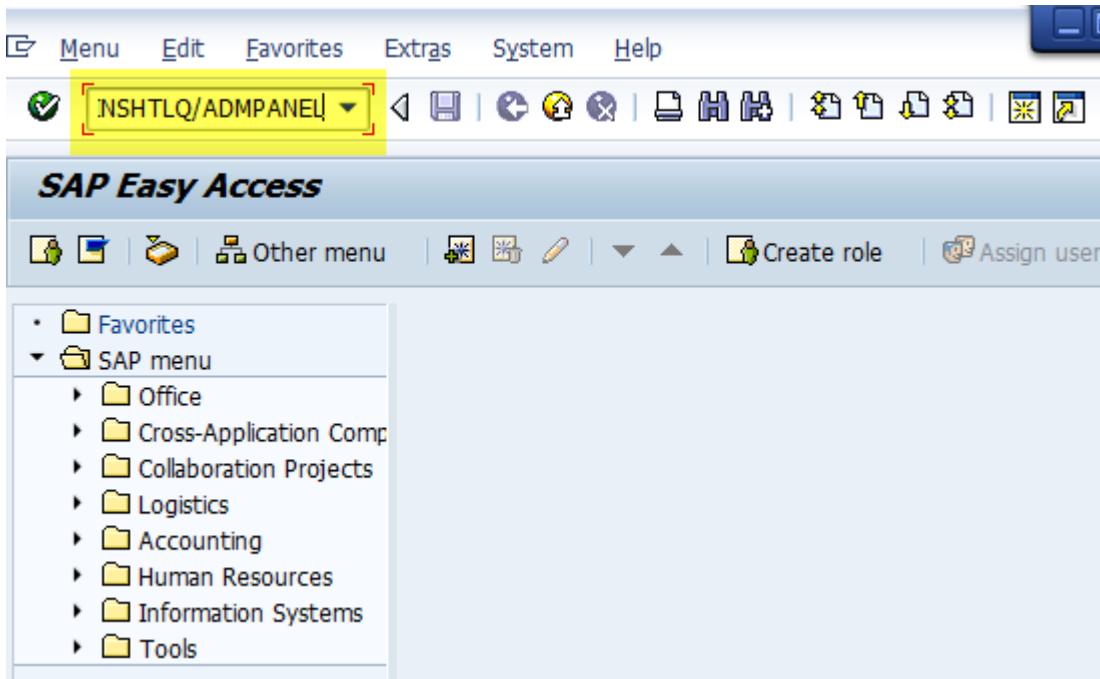
The **Data Saved** message at the bottom of the window shows that the save was successful.



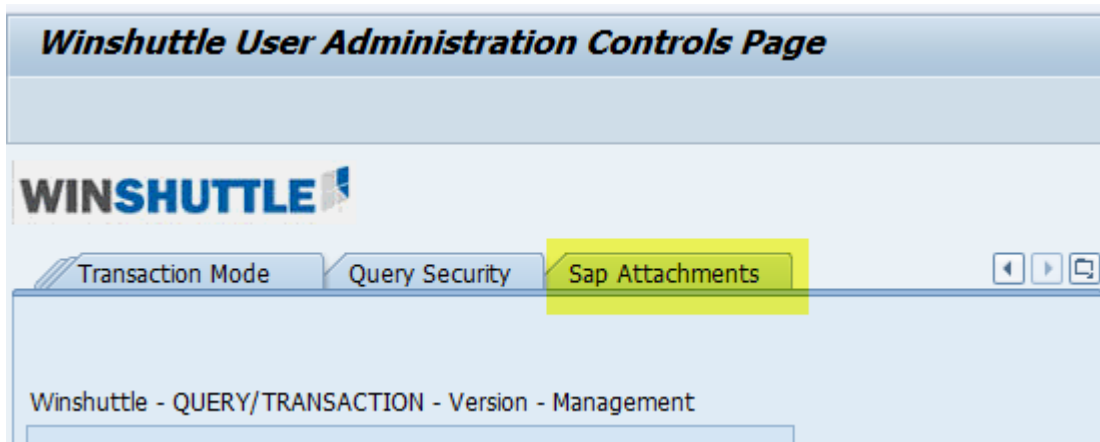
SAP Attachments

Winshuttle SAP Attachment is used for document management function. You can use the admin page to set which management system WFM will prioritize.

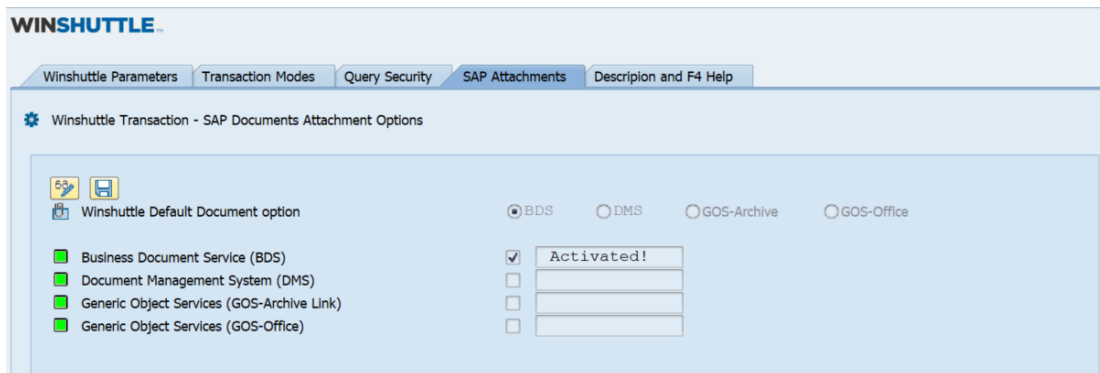
Enter the transaction code `/n/WINSHTLQ/ADMPANEL`.



Click the **Sap Attachments** tab.

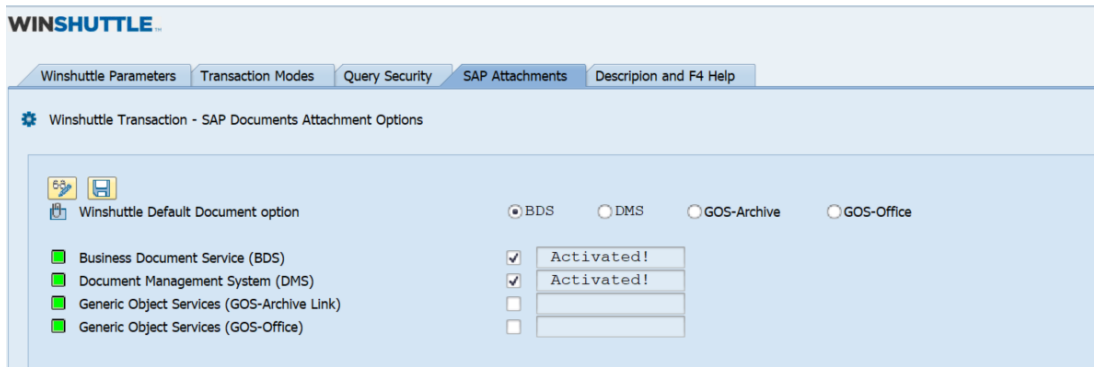


If no data is maintained, the default screen looks like this:



Activate or deactivate an SAP Attachment service

To activate an SAP Attachment service, check the box for that service. For example, check the box next to **Document Management System (DMS)**. After you check the box, **Activated!** appears.

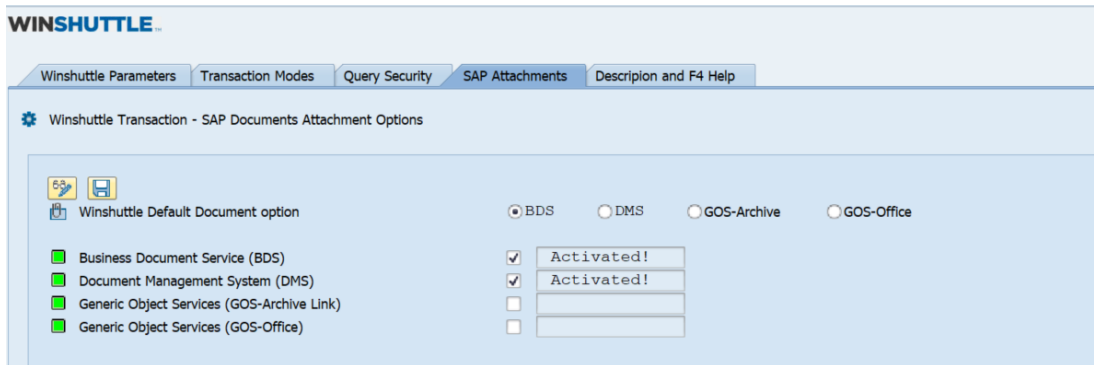


To deactivate a service, uncheck the box.

Note: Before you deactivate a service, ensure that it is not set as the **Default Document** option.

Change the Winshuttle Default Document option

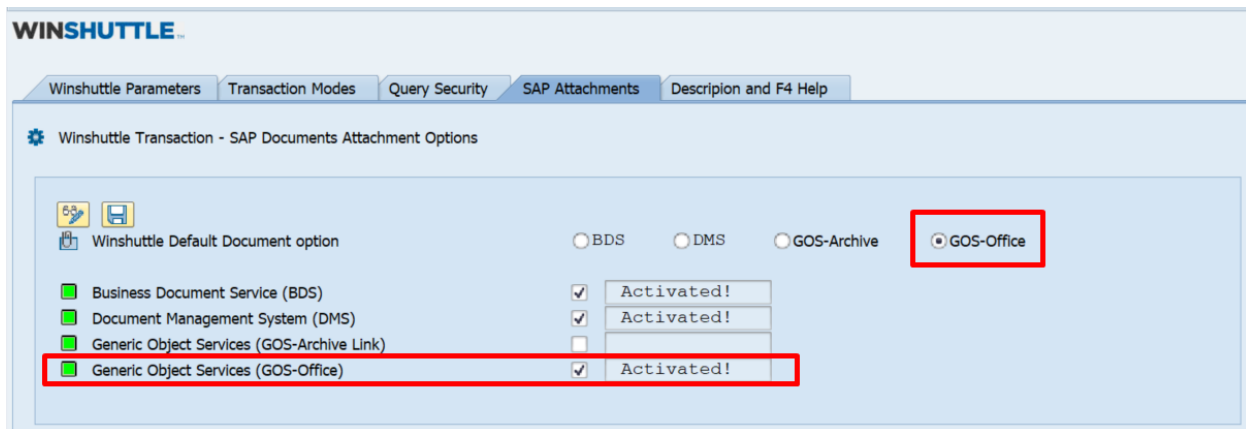
Activate the option that you want to use as the default. For example, check the box next to **Document Management System (DMS)**. After you check the box, **Activated!** appears.



Click the corresponding option button. For example, click the **DMS** option button.

New from WFM version 12.1 and above:

The **GOS-Office** option has been introduced with WFM version 12.1 and above. This can be activated from the Admin Panel by activating the following:

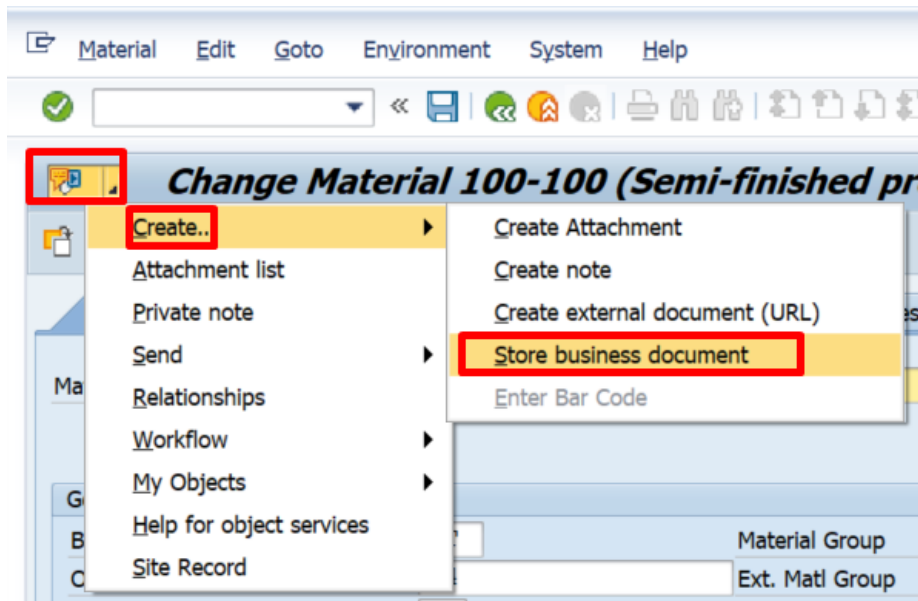


Attachment Types in SAP (**Information**), respective type can be used as per configuration in the system and your requirements.

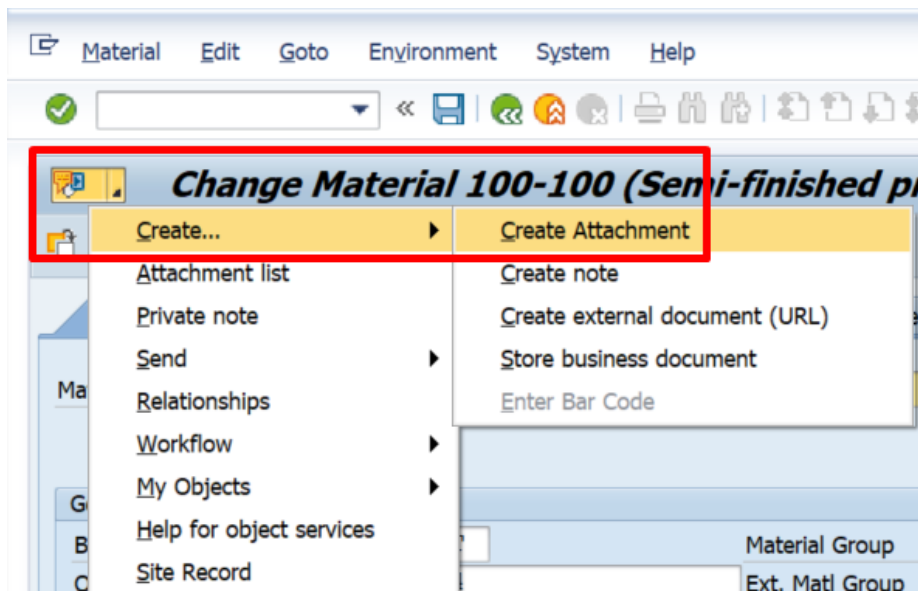
BDS – Document can be attached in transaction **OAOR/OAER**

DMS - Document can be attached in transaction **CV02n**

GOS - Archive Link



GOS - Office

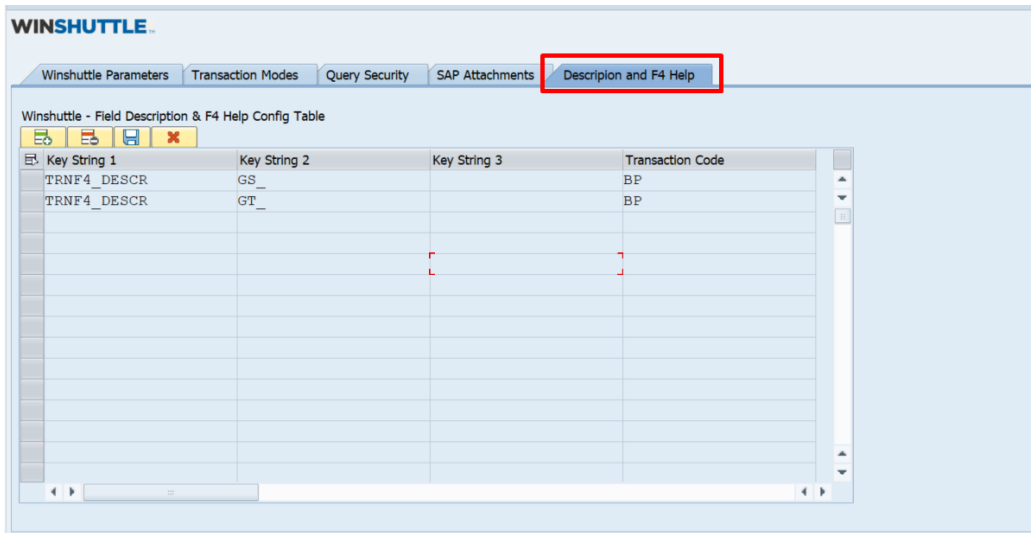


Query: Custom authorization check program (optional feature)

F4 Help and Description

This functionality allows a Winshuttle Transaction user to get the F4 Help and Description for those fields which do not offer them with their existing technical name.

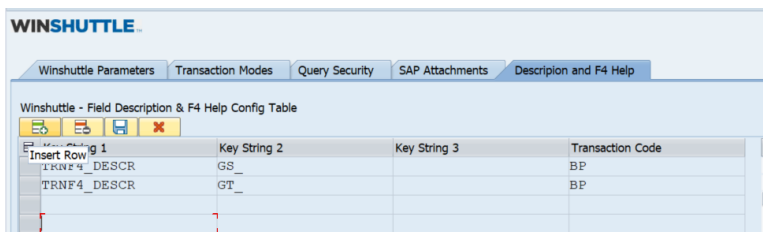
This case usually comes with the **BP** transaction script.



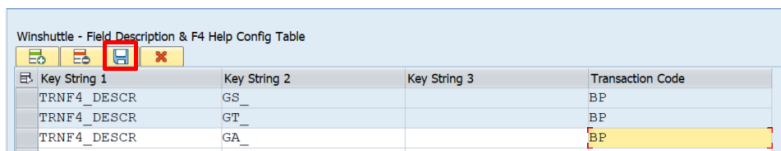
Steps to create and delete an entry in this table

New Entry

Click **Insert Row**



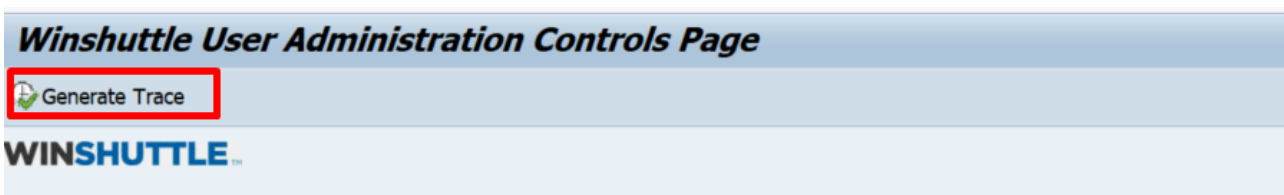
Enter the values and click **Save**.



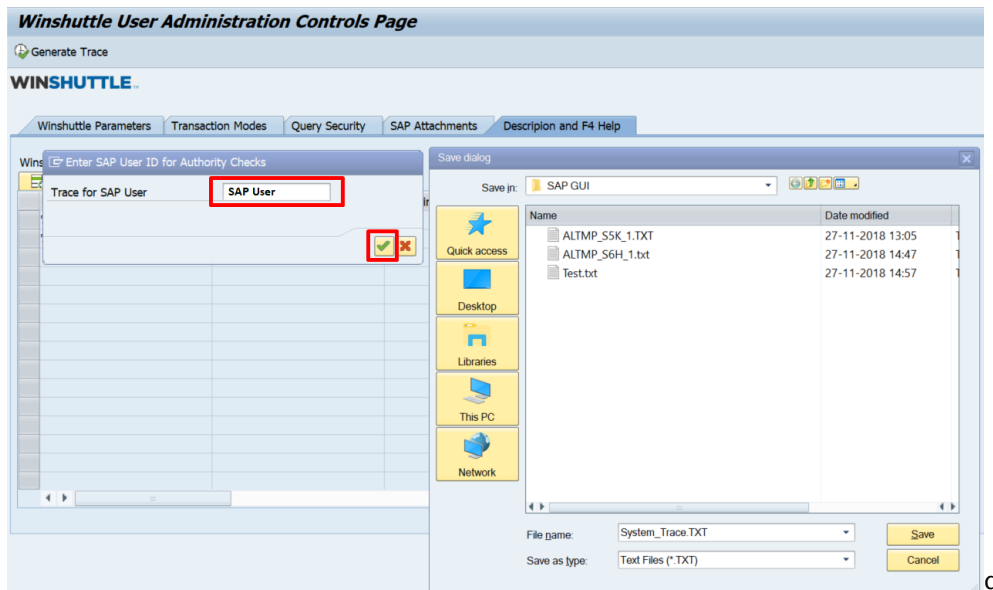
Delete Entry: select the row which needs to be deleted. Click **Delete** and **Save**.

System Trace

This allows a Winshuttle user to download the system information Winshuttle Support would require if they raise an issue with Support. On the **Admin Panel** page, there is button at the upper left corner called **Generate Trace**.



Click the Generate Trace button to generate a trace for a specific user. Enter the SAP user name here and click **OK**. A dialog box will help you locate the directory to which the trace file must be downloaded.



This downloaded trace file will include the following details:

- Installed Add-on
- Installed Product Version
- Kernel Information
- SAINT/SPAM Information
- Unicode information
- Authority Checks (Checks which are required for a Winshuttle User)
- SAP GUI Version
- System ID, Instance, Server
- WFM Version Detail
- User Format Detail

Specific use case WFM and Wrapper WFMs

Wrapper WFM - These are Standard FMs which we have established as remotely enabled. The functionality of these WFMs will remain same as Standard FMs. The standard FMs can be called from remote systems, using the respective Wrapper WFM.

A. Wrapper FMs - Remote Wrapper WFM for Standard FMs

- `/WINSHTLQ/BPAR_C_A_VAT_NUMBER` - for - `BPAR_C A VAT_NUMBER`
Business Partner: Check Additional Data

- **/WINSHTLQ/BANK_ACCOUNT_CHECK** - for - BANK_ACCOUNT_CHECK
Check of Bank Account Number
- **/WINSHTLQ/BUSINESS_NUMBER_CHEK** - for - BUSINESS_NUMBER_CHECK
Check of international location number (ILN)
- **/WINSHTLQ/BPAR_C_A_VAT_NUMBER** - for- BPAR_C_A_VAT_NUMBER
Business Partner: Check Additional Data
- **/WINSHTLQ/EU_TAX_NUMBER_CHECK** - for- EU_TAX_NUMBER_CHECK
Check of VAT registration number (EU tax number)
- **/WINSHTLQ/TAX_NUMBER_CHECK** - for - TAX_NUMBER_CHECK
Check Tax Numbers
- **/WINSHTLQ/POSTAL_CODE_CHECK** -for - POSTAL_CODE_CHECK
Check of postal code and region
- **/WINSHTLQ/RPC_CALCULATE_PRICES** - for -BAPI_RPC_CALCULATE_PRICES
Request Calculations and Adjust Requested Calculations
- **/WINSHTLQ/TRN_TAX_TXJCD_TABLE** -for- TAX_TXJCD_DETERMINE_TABLE
TXJCD Determination
- **/WINSHTLQ/SD_CUST_MAINTAIN_ALL** -for- SD_CUSTOMER_MAINTAIN_ALL
Customer Master Update
- **/WINSHTLQ/TRN_CREATE_TEXT** -for- CREATE_TEXT
Create Long Text
- **/WINSHTLQ/MATERIAL_GET_NEXT**-for- MATERIAL_NUMBER_GET_NEXT
Functions for Material Number

B. Use Case Specific WFMs

- **/WINSHTLQ/ACC_DOC_COPA_POST**
 - Post or Park Account document with CO-PA fields.
 - It gives feasibility to give **CO-PA** values into Linear way instead of hierarchical
 - Remote Wrapper WFM for Standard FM - BAPI_ACC_DOCUMENT_POST
 - Perform Commit also for successful executions PARK/POST.
- **/WINSHTLQ/POST_ACDOC_MULT_CURR**
 - Post or Check Account document.
 - It gives feasibility to give **Multiple Currency** values into Linear way instead of hierarchical
 - Remote Wrapper WFM for Standard FM - BAPI_ACC_DOCUMENT_POST
 - Perform Commit also for successful execution POST.
 - If the posting is in Multiple Companies, the return message will have both document numbers.
 - Multiple currencies and extended to support
 - Tables for ACCOUNT RECEIVABLE, ACCOUNT PAYABLE and ACCOUNT TAX tables
 - Validation BAPI
- **/WINSHTLQ/WFM_MAT_EXTEND** -
 - Arrange multi liner messages per record in to single line for better readability
 - Remote Wrapper WFM for Standard FM - BAPI_MATERIAL_SAVEREPLICA
 - Perform Commit also for successful executions.

C. Customer WFM - /WINSHTLQ/TRN_FUNC_CUSTOMER

- Message improvement for /WINSHTLQ/TRN_FUNC_CUSTOMER WFM
- Support for S/4 HANA, Business Partner
 1. Email ID insert or delete
 2. IBAN Create, Delete and Modify
 3. Tax Classification
 4. Partner Function
- Handling of special cases for customer master such as "IBAN" bank data handling, maintaining partner functions, Tax Classifications and adding email information.

D. Vendor WFM - /WINSHTLQ/TRN_VENDOR_BANK

- Handling of special cases for vendor master, such as "IBAN" bank data handling,
- Support for S/4 HANA, Business Partner
 1. Confirming the existing bank
 2. Add new Bank details to Vendor
 3. Modify existing Bank details for Vendor
 4. Deletion of existing Bank for Vendor

For further details on Customer and Vendor WFMs (they have multiple different use case scenarios), please refer to the **Customer WFM – Email, Partner Function, IBAN, and Tax Classification** document and the **WFM for Vendor-Payment Transactions** document in the WFM Online Help table of contents.