

## Cotización de Monedas

### Actualización Automática de Tipos de Cambio en SAP

[www.cotizaciondemonedas.com](http://www.cotizaciondemonedas.com)

[www.ob08.net](http://www.ob08.net)

[www.sap-ob08.com](http://www.sap-ob08.com)

## Guía de Parametrización y Uso

Infoaval S.R.L. ([www.infoaval.com](http://www.infoaval.com))

Agosto de 2022

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#### 1. Acerca de este documento

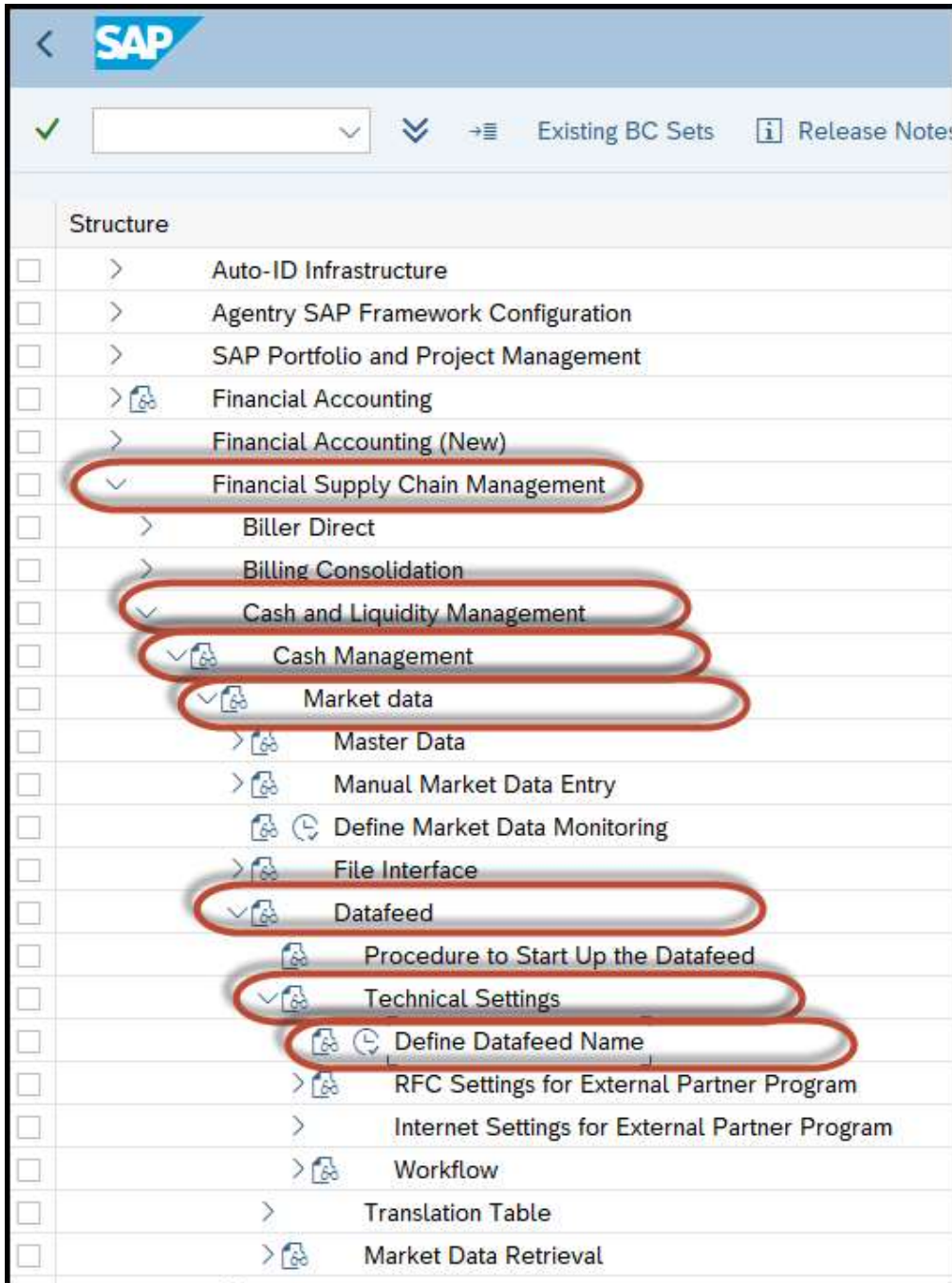
El propósito de este documento es brindar al lector (usuario, consultor SAP) los lineamientos generales para parametrizar y probar la funcionalidad de **Actualización Automática de Tipos de Cambio**, a partir de la ejecución de la transacción standard TBD4 de SAP.

Para el uso de esta solución deberá contactar previamente a **Infoaval** ([info@infoaval.com.ar](mailto:info@infoaval.com.ar)), para poder contar con un usuario de prueba con sus respectivas credenciales.

Asimismo, **Infoaval** le proveerá la información acerca de los respectivos instrumentos a utilizar en base a sus necesidades de monedas puntuales a actualizar en su propio sistema SAP desde este proceso automático.

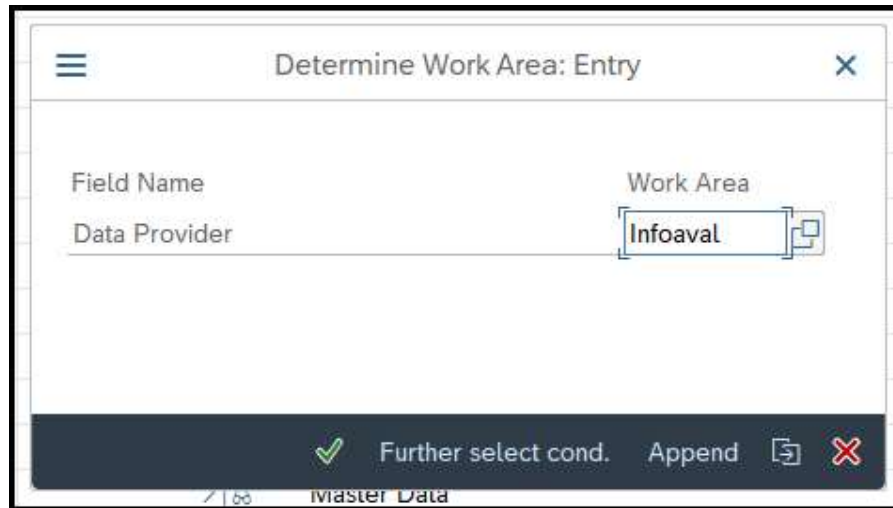
Este documento es una guía para poder acompañarlo en las tareas de parametrización, ejecución y pruebas del proceso. Ante cualquier consulta acerca de esta guía escriba por favor a [info@infoaval.com.ar](mailto:info@infoaval.com.ar).

## 2. Customizing base para utilización la de esta funcionalidad

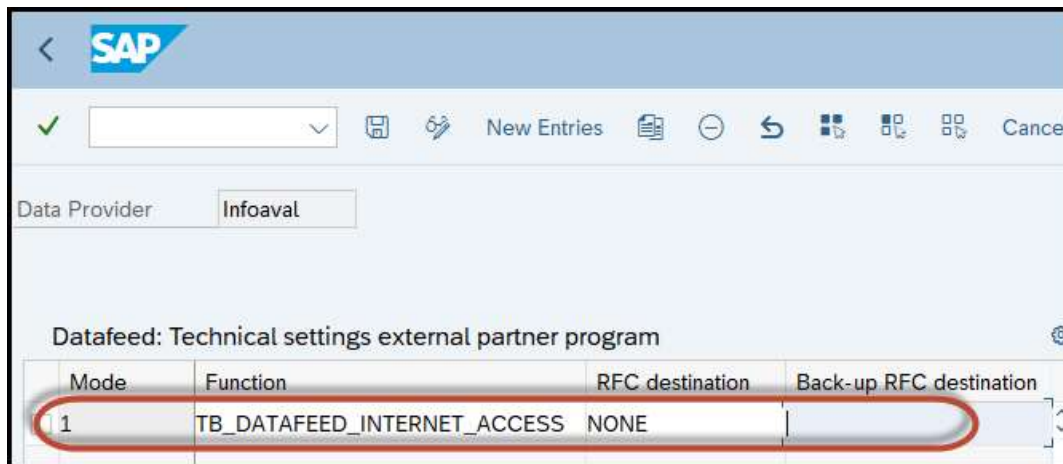


*Por favor respetar el uso de mayúsculas y minúsculas.*



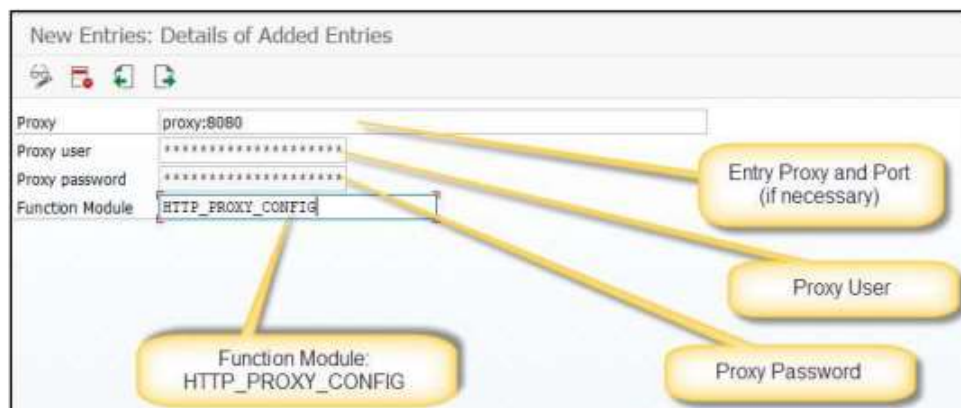
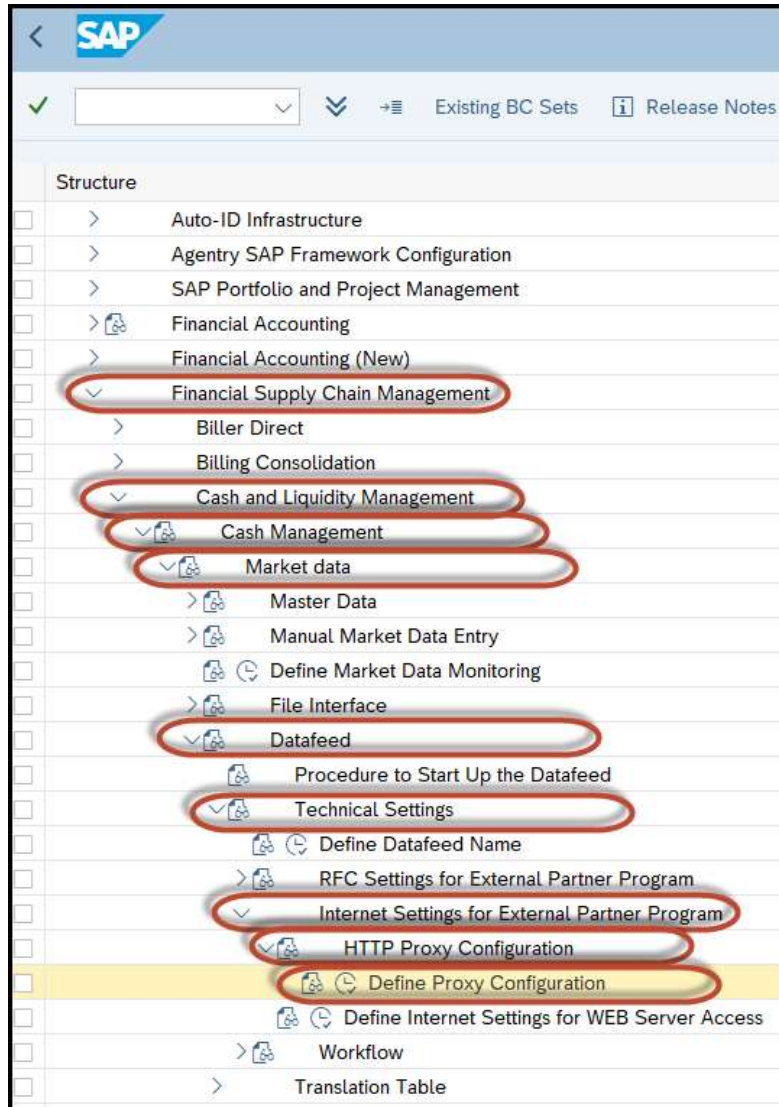


*Por favor respetar el uso de mayúsculas y minúsculas.*



Function: TB\_DATAFEED\_INTERNET\_ACCESS

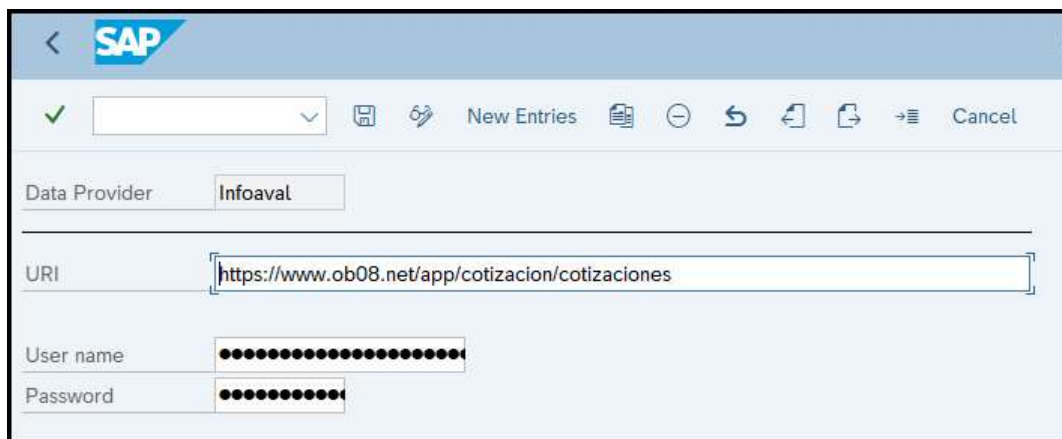
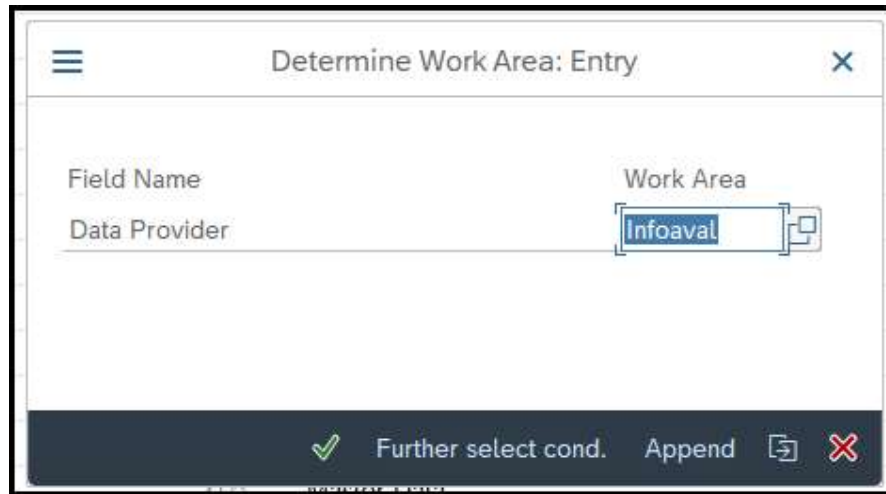
**Definición del Proxy** (sólo si fuese necesario en su instalación SAP). Los datos deben ser completados en base a los datos específicos de su instalación.



**Configuración de la conexión:**

The screenshot shows the SAP configuration menu with the following items highlighted by red circles:

- Financial Supply Chain Management
- Cash and Liquidity Management
- Cash Management
- Market data
- Datafeed
- Technical Settings
- Internet Settings for External Partner Program
- Define Internet Settings for WEB Server Access



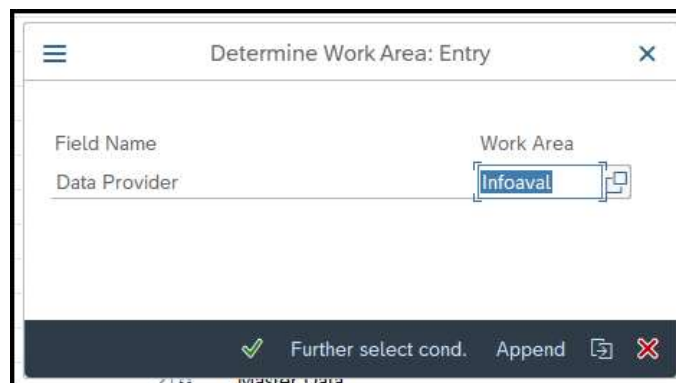
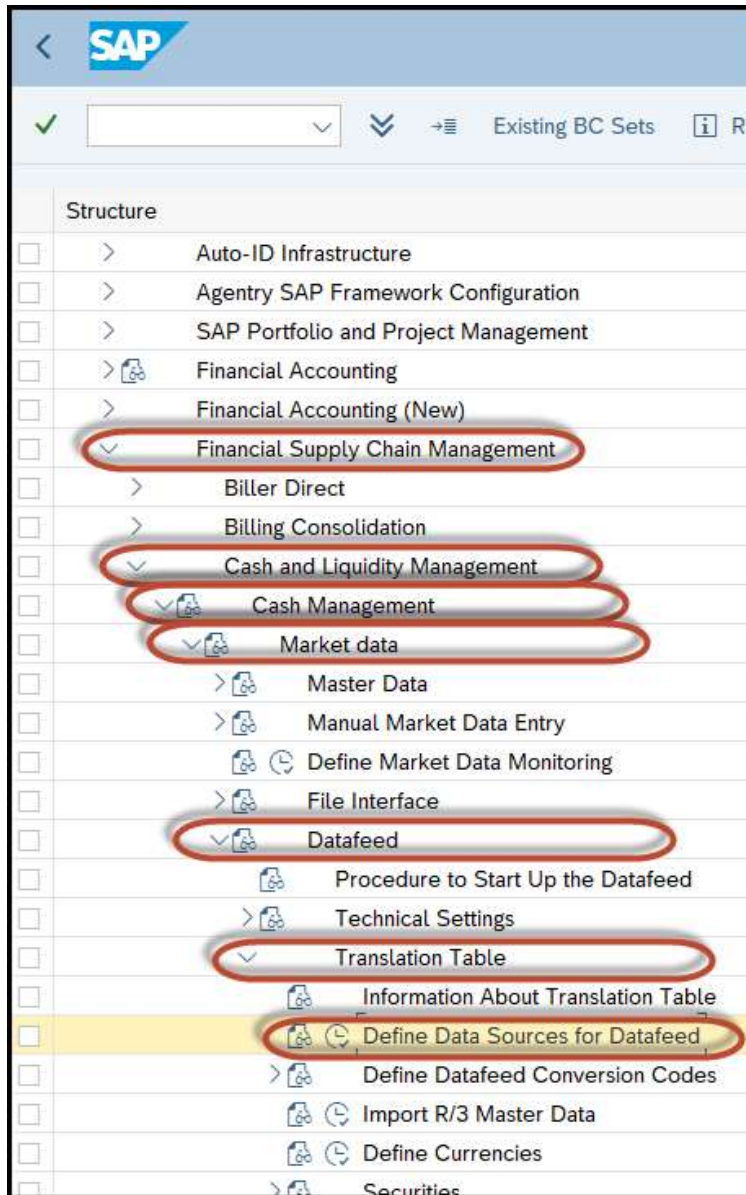
*Por favor respetar el uso de mayúsculas y minúsculas.*

URL: “<https://www.ob08.net/app/cotizacion/cotizaciones>”

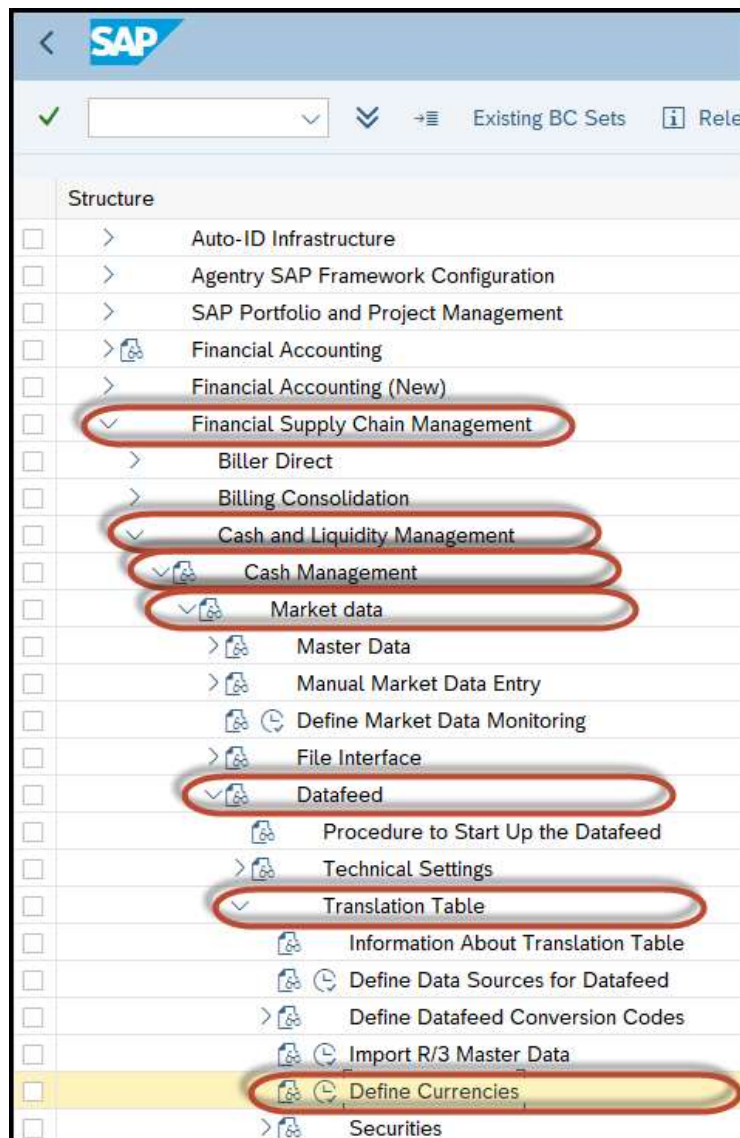
User name: *provisto por Infoaval* (si no lo tiene escriba a [info@infoaval.com.ar](mailto:info@infoaval.com.ar))

Password: *provisto por Infoaval* (si no lo tiene escriba a [info@infoaval.com.ar](mailto:info@infoaval.com.ar))





Por favor respetar el uso de mayúsculas y minúsculas.



Determine Work Area: Entry

Field Name	Work Area
Instrument Class	01
Data Provider	Infoaval

Further select cond. Append

*Por favor respetar el uso de mayúsculas y minúsculas.*

Ejemplo para una instalación SAP que precisa actualizar el ARS (peso argentino) contra el EUR (euro) en base a la fuente oficial para Argentina:

SAP

Administrative Data

Crcy Pair	ARS	EUR	Rate/Pr.Provis.	<input checked="" type="radio"/> Syst. Request	<input type="radio"/> Real Time
RateType	M		<input checked="" type="checkbox"/> Save market data permanently in system		
			Max. deviation in percent	2	
			<input checked="" type="checkbox"/> Indirect Quotation		

Datafeed Parameters

Data Provider	Infoaval
Instrument	BNAVEURARS=X
Data Source	INFOAVAL
Property	MAN
Explanation	BNA - EUR Divisas Vendedor

Currency Settings

External	Datafeed:	SAP System:
1	: 1	1 : 1

Ejemplo para una instalación SAP que precisa actualizar el ARS (peso argentino) contra el USD (dólar estadounidense) en base a la fuente oficial para Argentina:

The screenshot shows the SAP OB08.net configuration interface. At the top, there is a navigation bar with the SAP logo and a toolbar containing icons for back, save, edit, and other actions. The main content is divided into three sections:

- Administrative Data:** This section contains fields for 'Crcy Pair' (ARS and USD), 'Rate/Pr.Provis.' (Syst. Request selected, Real Time unselected), 'RateType' (M), 'Save market data permanently in system' (checked), 'Max. deviation in percent' (2), and 'Indirect Quotation' (checked).
- Datafeed Parameters:** This section contains fields for 'Data Provider' (Infoaval), 'Instrument' (BNAVUSDARS=X), 'Data Source' (INFOAVAL), 'Property' (MAN), and 'Explanation' (BNA - USD Divisas Vendedor).
- Currency Settings:** This section contains fields for 'External' (1), 'Datafeed:' (1), 'SAP System:' (1), and a field for the system ID (1).

**Grabar la orden de transporte.**

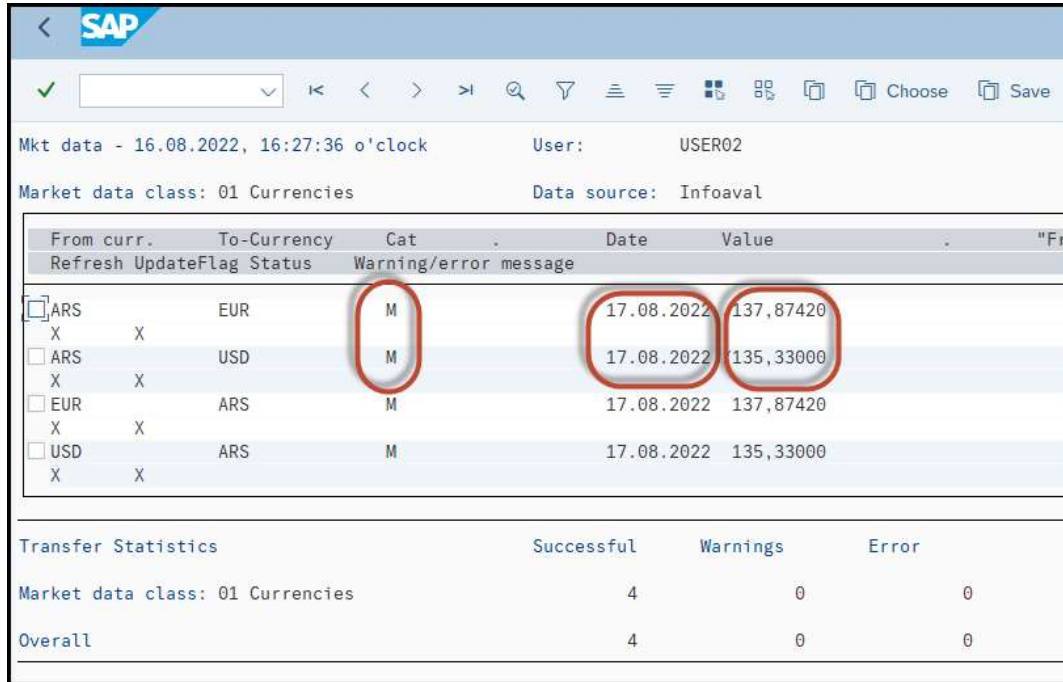
### 3. Ejecución de la transacción TBD4

Se recomienda grabar esta ejecución como una variante de selección, ya que la misma será utilizada más adelante, al momento de definir el job diario.

The screenshot shows the SAP configuration screen for Market Data Class. The interface includes a top navigation bar with the SAP logo and a toolbar with icons for back, save, refresh, copy, help, and cancel. The main content is divided into several sections:

- Market Data Class:** A list of checkboxes for selecting data classes. The "Currencies" checkbox is checked and circled in red. Other options include Securities, Interest Rates, Indexes, Forex Swap Rates, Commodities (Daily Basis), Derivative Contract Specific, Exchange Rate Volatilities, Security Price Volatilities, Interest Rate Volatilities, Index Volatilities, General Volatilities, and Commodities (Time Basis).
- Market Data Selection:** A table with four rows for defining key definitions and instrument properties. Each row has a text input field and a selection icon.
- Datafeed:** A section for defining the datafeed. The "Name" field is set to "Infoaval" and is circled in red. The "Request Mode" is set to "Synchronou" (likely Synchronous).
- Output Control:** A section for defining output options. The "Output List of Results" checkbox is checked and circled in red. The "Save Market Data in System Permanently If Defined in Customizing" checkbox is also checked and circled in red. The "All" radio button is selected.

Resultado de la ejecución:



Mkt data - 16.08.2022, 16:27:36 o'clock      User:      USER02  
 Market data class: 01 Currencies      Data source: Infoaval

From curr.	To-Currency	Cat	Date	Value	"Fr
Refresh	UpdateFlag	Status	Warning/error message		
<input type="checkbox"/> ARS	EUR	M	17.08.2022	137,87420	
X	X				
<input type="checkbox"/> ARS	USD	M	17.08.2022	135,33000	
X	X				
<input type="checkbox"/> EUR	ARS	M	17.08.2022	137,87420	
X	X				
<input type="checkbox"/> USD	ARS	M	17.08.2022	135,33000	
X	X				

Transfer Statistics	Successful	Warnings	Error
Market data class: 01 Currencies	4	0	0
Overall	4	0	0

### 4. Verificación del resultado en la transacción OB08

ExRt	ValidFrom	Indir.quot	X	Ratio(from)	From	=	Dir.quot.	X	Ratio (to)	To
<input type="checkbox"/> M	17.08.2022	137,87420	X		1ARS	=		X		1EUR
<input type="checkbox"/> M	13.08.2022	138,33160	Y		1ARS	=		Y		1EUR

ExRt	ValidFrom	Indir.quot	X	Ratio(from)	From	=	Dir.quot.	X	Ratio (to)	To
<input type="checkbox"/> M	17.08.2022	135,33000	X		1ARS	=		X		1USD
<input type="checkbox"/> M	13.08.2022	134,50000	Y		1ARS	=		Y		1USD

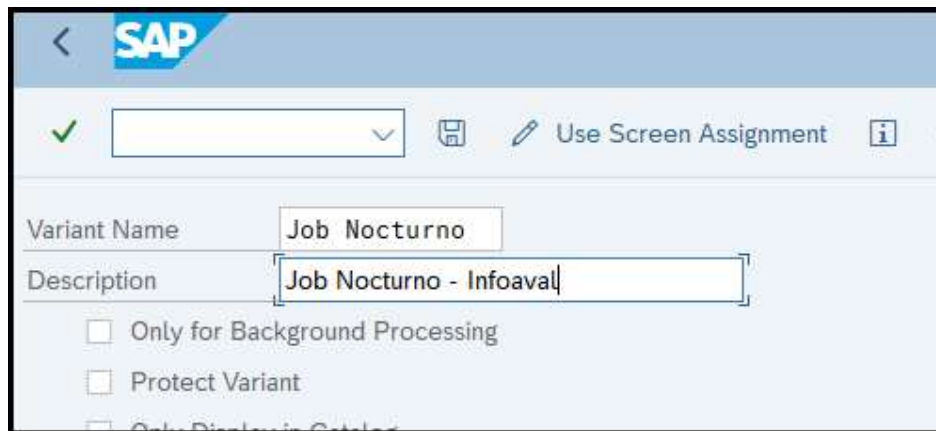
Verificación de datos en la fuente oficial de este ejemplo:

	Cotización Billetes		Cotización Divisas	
	Compra	Venta	Compra	Venta
16/8/2022				
Dolar U.S.A	135.1300	135.3300		
Libra Esterlina	163.3451	163.9929		
Euro	137.3326	137.8742		
Franco Suizos *	14214.0254	14254.7363		
YENES *	100.5535	100.8617		
Dolares Canadienses *	10518.9824	10549.1927		
Coronas Danesas *	1845.1532	1861.0766		
Coronas Noruegas *	1393.7878	1409.0429		
Coronas Suecas *	1303.2167	1318.5904		

### 5. Creación del job diario:

Previo a la creación del job debe crear una variante en la transacción TBD4, con los mismos parámetros que los mostrados anteriormente.

Nombre sugerido para la variante: “Job Nocturno”



SAP

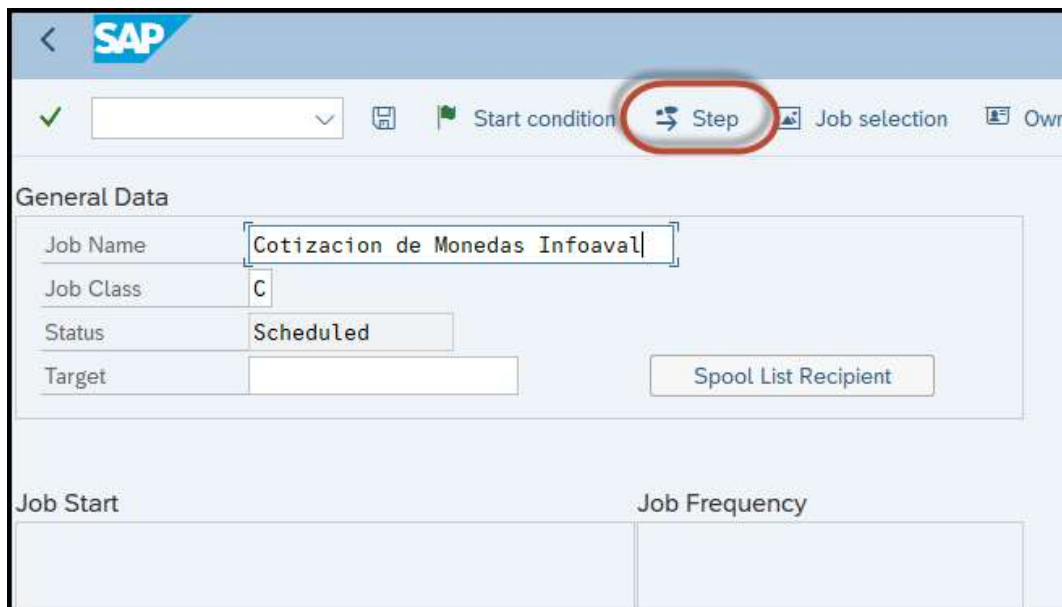
Variant Name: Job Nocturno

Description: Job Nocturno - Infoaval

Only for Background Processing

Protect Variant

Posteriormente se debe acceder a la transacción SM36 para crear el job diario:



SAP

Start condition: Step

General Data

Job Name: Cotizacion de Monedas Infoaval

Job Class: C

Status: Scheduled

Target: Spool List Recipient

Job Start

Job Frequency



☰
Create Step 1
✕

User  User that will execute the job

**Program values**

ABAP program
External command
External program

**ABAP program**

Name  Program name and previously saved variant

Variant

Language

**External Command (command predefined by system administrator)**

Name

Parameters

OS

Target Server

**External Program (command entered directly by system administrator)**

Name

Parameter

Target Server

✓ Check
📄
🖨 Print Data
✕

No.	Program name/command	Prog. type	Spool list	Parameters	User	Lang.
1	RFTBDF07	ABAP		JOB NOCTURNO	USER02	EN

The screenshot shows the SAP Start condition configuration interface. At the top, the 'Start condition' tab is selected and circled in red. Below the navigation bar, the 'General Data' section contains the following fields:

Job Name	COTIZACION DE MONEDAS INFOAVAL
Job Class	C
Status	Scheduled
Target	

At the bottom of the screen, there are sections for 'Job Start' and 'Job Frequency'.

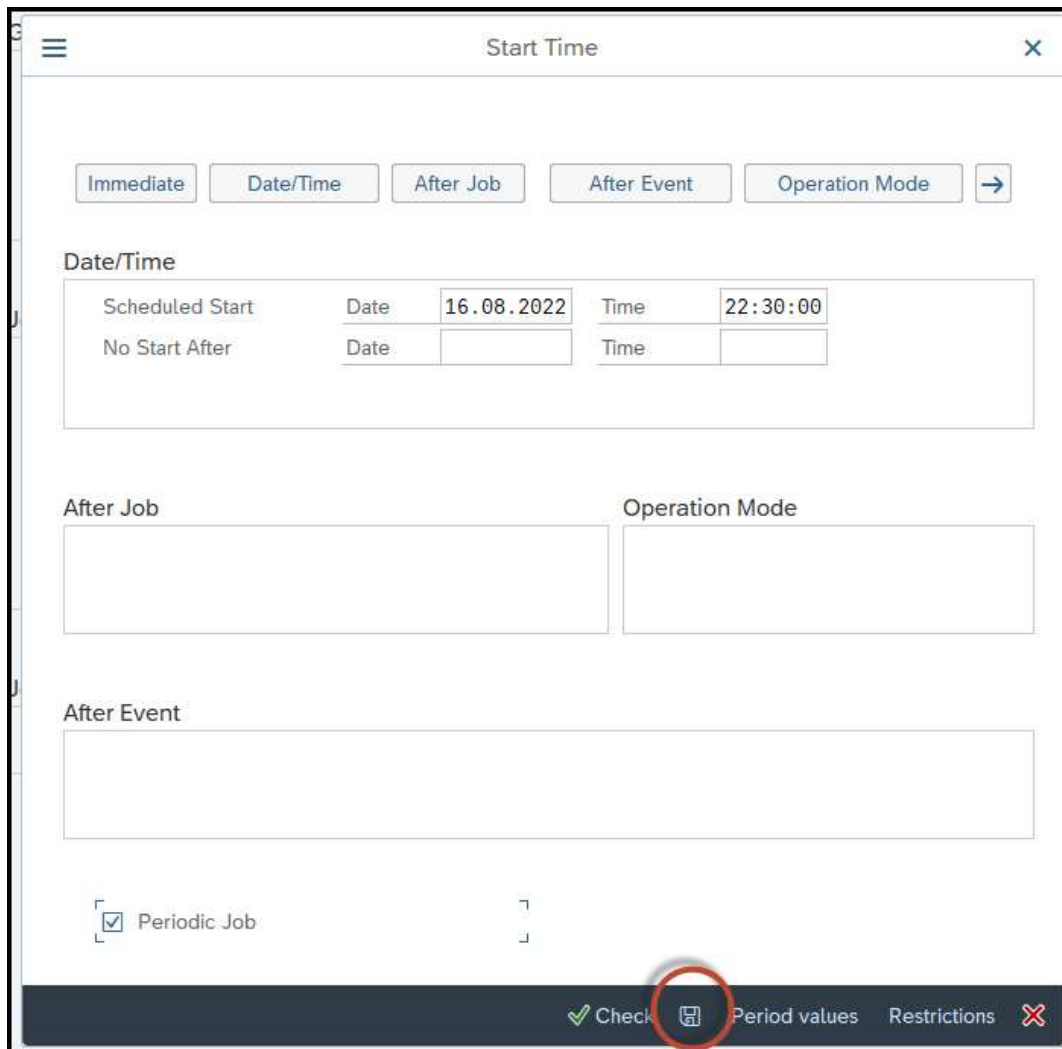
The screenshot shows the 'Start Time' configuration screen. At the top, the 'Date/Time' tab is selected and circled in red. Below the navigation bar, the 'Date/Time' section contains the following fields:

Scheduled Start	Date	16.08.2022	Time	22:30:00
No Start After	Date		Time	

A yellow callout box with an arrow pointing to the 'Date' and 'Time' fields in the 'Scheduled Start' row contains the text: "Date and time for starting the periodic job".

Below the 'Date/Time' section, there are sections for 'After Job', 'Operation Mode', and 'After Event', each with a corresponding input field.

At the bottom, the 'Periodic Job' checkbox is checked and circled in red. A red arrow points from this checkbox to the 'Period values' button at the bottom right, which is also circled in red.



Por favor grabe una sola vez:

The screenshot shows the SAP Job Configuration interface. At the top, there is a navigation bar with a back arrow, the SAP logo, and a search bar. Below the search bar, there are several icons: a green checkmark, a dropdown arrow, a save icon (circled in red), a green flag, 'Start condition', a step icon, 'Step', a job selection icon, and 'Job selection'. The main content area is divided into sections: 'General Data' with fields for Job Name (COTIZACION DE MONEDAS INFOAVAL), Job Class (C), Status (Scheduled), and Target; 'Job Start' with 'Planned Start' fields for Date (16.08.2022) and Time (22:30:00); 'Job Frequency' with a dropdown set to 'Daily'; and 'Job Steps' showing '1 Step(s) defined'. A 'Spool List Recipient' button is also visible.

Job COTIZACION DE MONEDAS INFOAVAL saved with status: Released [View details](#)

### 6. Verificación en la transacción SM37:

Job Name: [ ]

User Name: USER02

Job Status:  Sched.  Released  Ready  Active  Finished  Canceled

Job Start Condition

From: 16.08.2022 To: 16.08.2022

From: [ ] To: [ ]

Or after event: [ ]

Job Step

ABAP Program Name: [ ]

Si visualiza de la siguiente forma, se ha creado de manera correcta.

Job Overview

Job overview from: 16.08.2022 at: : :  
to: 16.08.2022 at: : :  
Selected job names: \*  
Selected user names: USER02

Scheduled  Released  Ready  Active  Finished  Canceled  
 Event-Driven Event ID:  
 ABAP program Program name :

JobName	Spool	Job doc	Job CreatedB	Status	Start date	Start Time	Duration(sec.)	Delay (sec.)
COTIZACION DE MONEDAS INFOAVAL			USER02	Released			0	0
*Summary							0	0



7. Información de contacto, dudas, preguntas, consultas

En caso de precisar alguna información adicional de este documento o de este proceso, escribanos por favor a [info@infoaval.com.ar](mailto:info@infoaval.com.ar).