

DATA WAREHOUSE - CONFIGURACIÓN Y DESCARGA DE INFORMES

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Píldoras informativas Consolidación T2-T2S

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SISTEMAS DE PAGO



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1. INTRODUCCIÓN



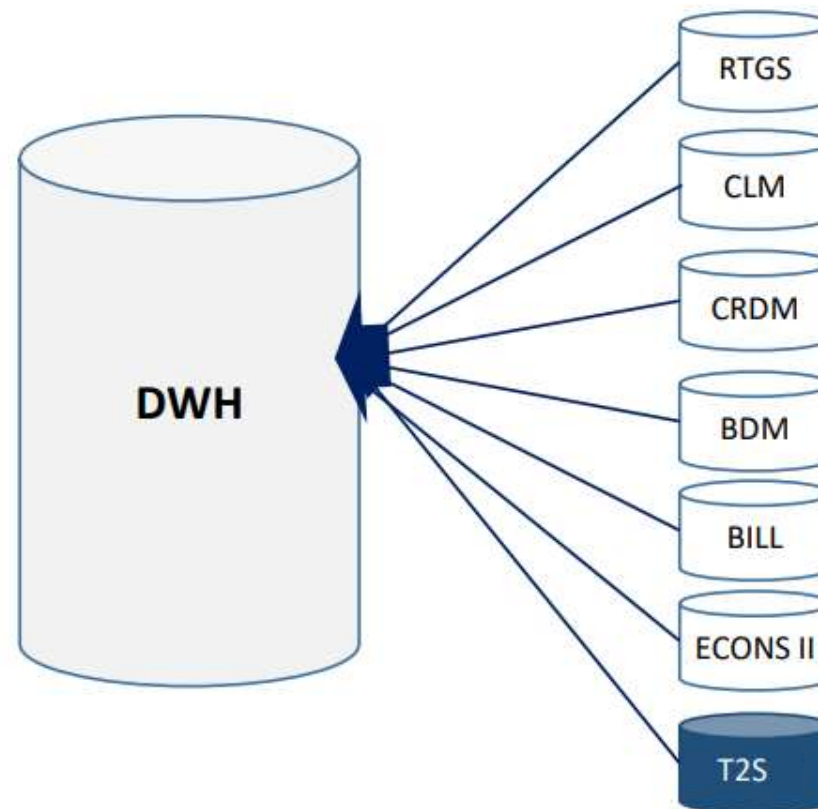
1. INTRODUCCIÓN

Data Warehouse

Data Warehouse es el componente común que recopila datos de los diferentes servicios de TARGET. Estos datos se agregan y optimizan para la generación de informes y análisis de información.

Los conceptos clave de Data Warehouse así como las funciones disponibles se encuentran explicadas en la siguiente píldora, disponible en nuestra página web:

[Píldora Data Warehouse. Consolidación T2 T2S](#)



2. ACCESO Y NAVEGACIÓN



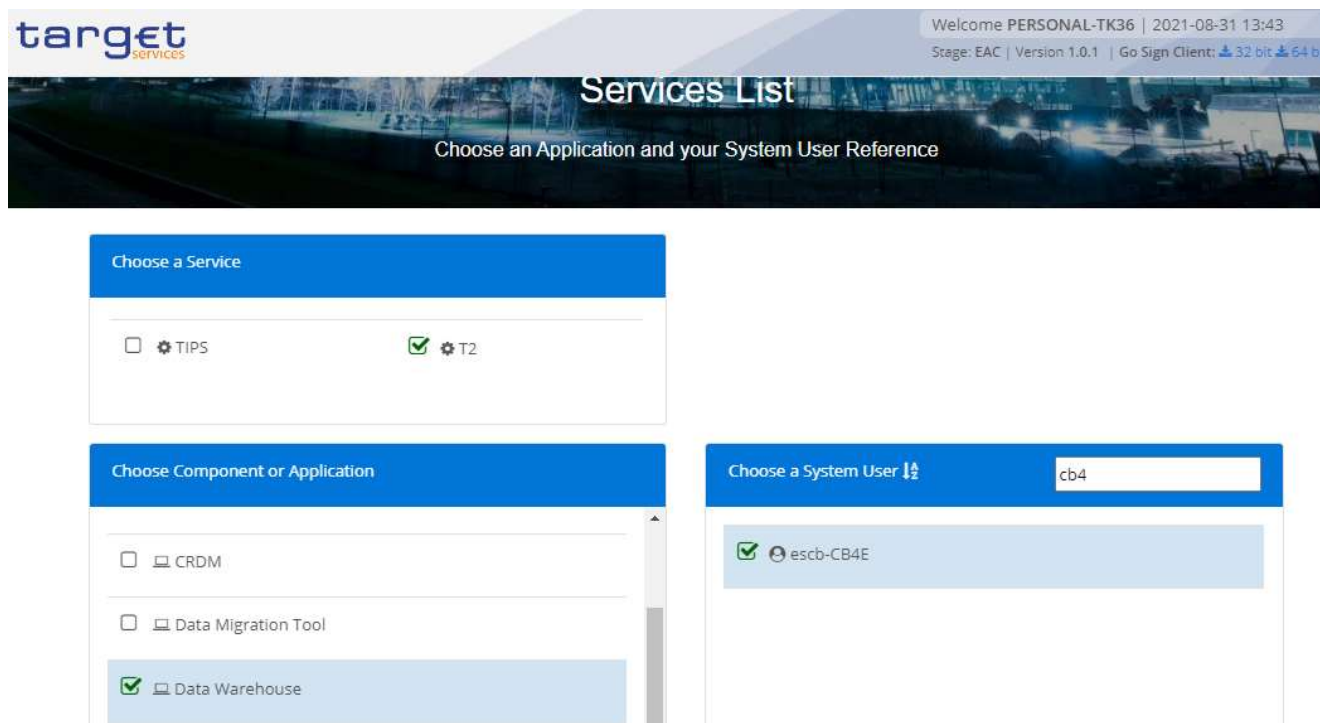
2. ACCESO Y NAVEGACIÓN

Acceso

La comunicación con DWH puede darse:

- **Vía A2A** (*Application to Application*) → descarga puntual A2A o informes recurrentes.
- **Vía U2A** (*User to Application*) a través de la interfaz gráfica de usuario o Graphical User Interface (GUI) → permite la visualización de informes en pantalla (es posible descargarlos).

Ambas a través de ESMIG:



target services

Welcome PERSONAL-TK36 | 2021-08-31 13:43
Stage: EAC | Version 1.0.1 | Go Sign Client: 32 bit 64 bit

Services List

Choose an Application and your System User Reference

Choose a Service

TIPS T2

Choose Component or Application

CRDM
 Data Migration Tool
 Data Warehouse

Choose a System User

escb-CB4E



2. ACCESO Y NAVEGACIÓN



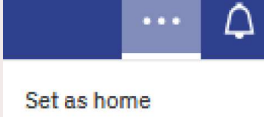

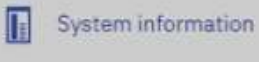
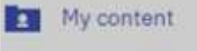
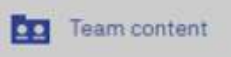

Navegación

The screenshot shows the 'target Data Warehouse' interface. A dark blue header contains the 'target services' logo and 'Data Warehouse' text. A left sidebar lists navigation options: Home, Search, System information, My content, Team content, and Recent. Each option is accompanied by an icon and a numbered arrow (1-7) pointing to it. The main content area features a large Euro symbol icon, the text 'Hello. Welcome to the Data Warehouse.', and a sub-header 'Unearth hidden insights with a personalized analytics experience driven by AI.'.



2. ACCESO Y NAVEGACIÓN

Navegación

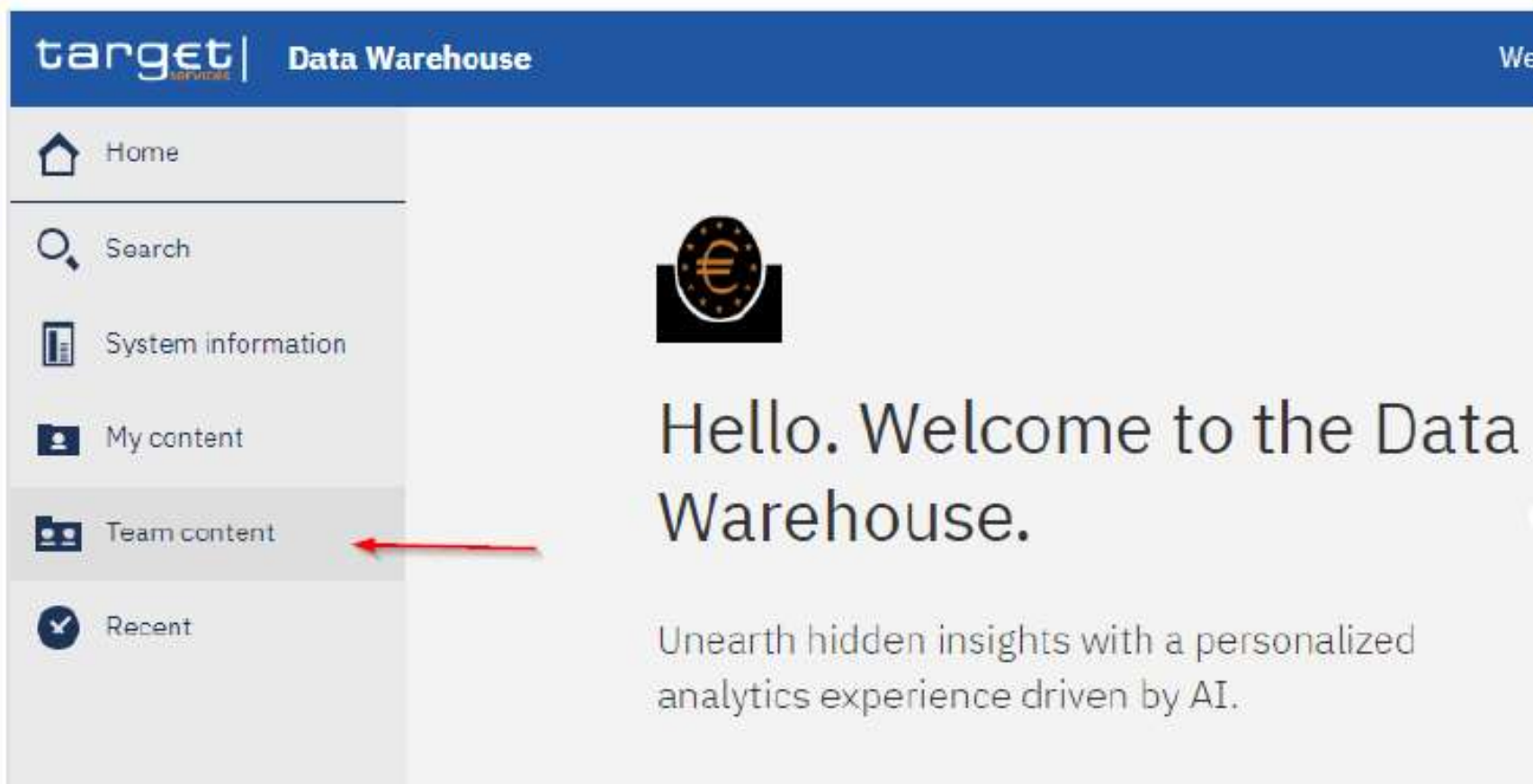
	Etiqueta	Descripción
1		Logo de Target Services. Haciendo click en él nos devuelve a la pantalla “Welcome”
2		Home. Nos devuelve a la pantalla Welcome, aunque es posible configurar otra pantalla haciendo click en More “(...)” – “Set as home” en la página que queramos. 
3		Search. Permite buscar por carpetas o informes, permitiendo filtrar los resultados.
4		System information. Permite acceder a información de usuario y manuales.
5		My content. Carpeta personal donde sólo tiene acceso el usuario. Permite guardar informes ya ejecutados, copias de informes predefinidos y “Report views”.
6		Team content. Se encuentran las carpetas e informes a los que el usuario tiene acceso.
7		Recent. Permite ver pantallas, informes o carpetas consultadas recientemente.

3. CONFIGURACIÓN Y VISUALIZACIÓN DE INFORMES



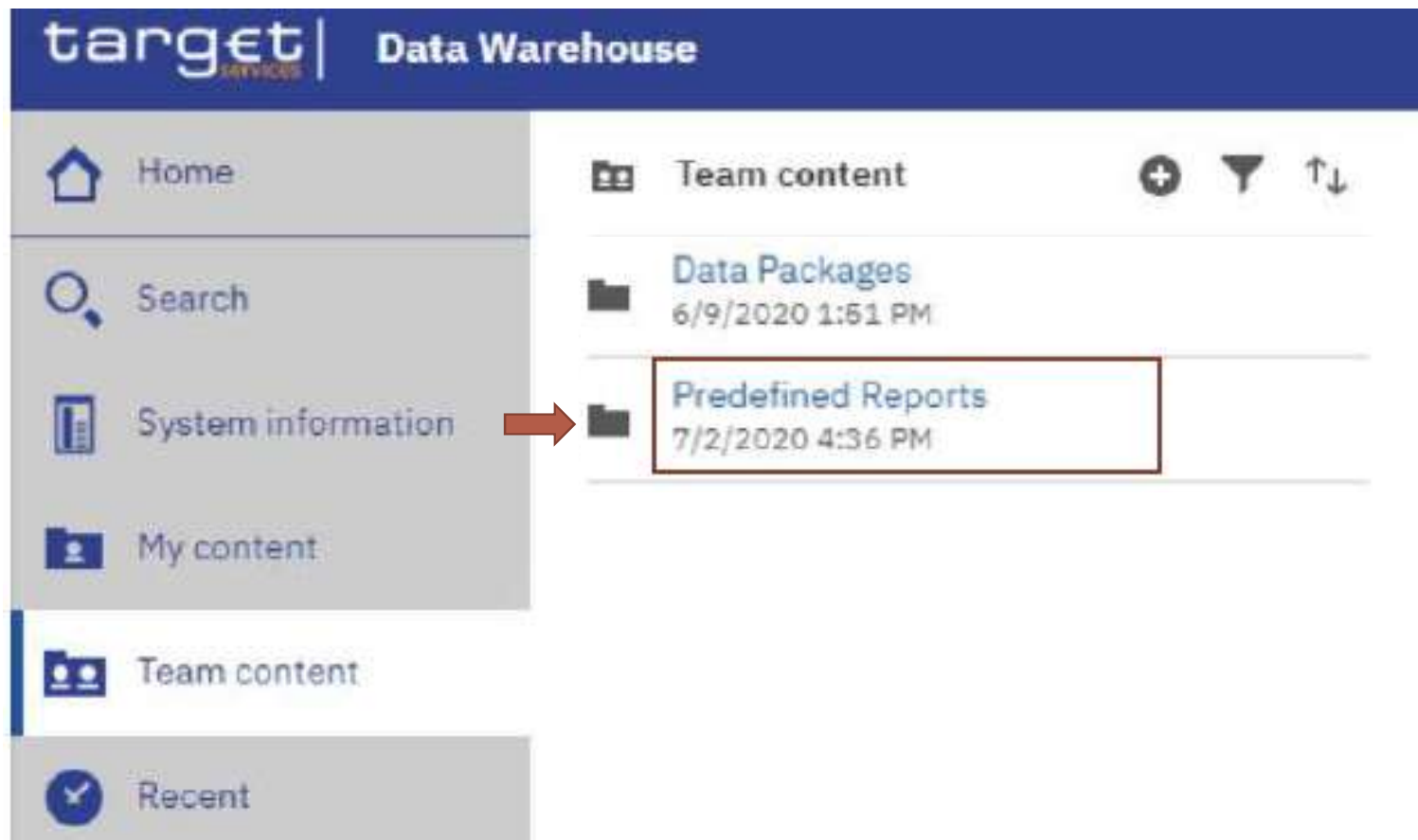
3. CONFIGURACIÓN Y VISUALIZACIÓN DE INFORMES

Paso 1: Dentro del menú principal, navegamos hasta la carpeta “**Team content**”.



3. CONFIGURACIÓN Y VISUALIZACIÓN DE INFORMES

Paso 2: Abrimos la carpeta “**Predefined Reports**” dentro del apartado “Team Content”.



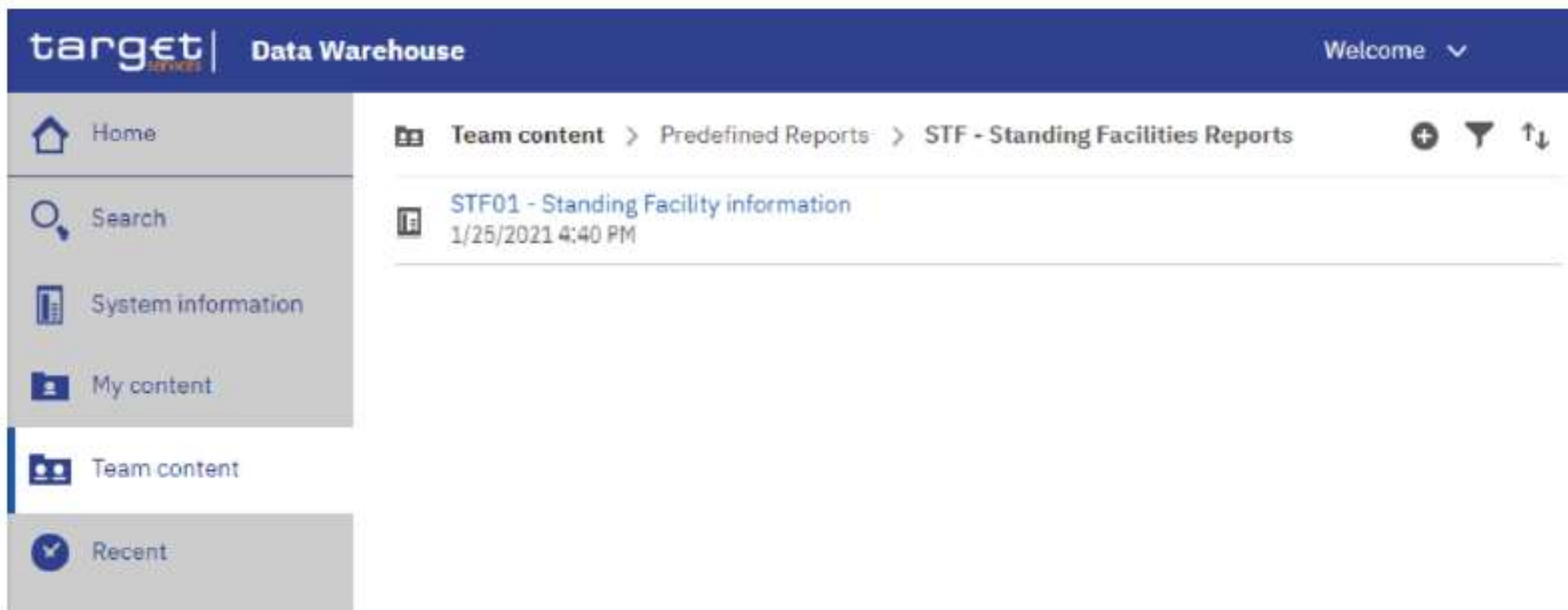
3. CONFIGURACIÓN Y VISUALIZACIÓN DE INFORMES

Paso 3: Seleccionamos la subcarpeta en función del tipo de informe que queremos consultar. En este caso, la carpeta de STF - Standing Facilities Reports.

The screenshot shows the 'target Data Warehouse' interface. The top navigation bar includes the 'target Data Warehouse' logo and a 'Welcome' dropdown menu. The left sidebar contains navigation options: Home, Search, System Information, My content, Team content, and Recent. The main content area displays a list of report folders under the path 'Team content > Predefined Reports'. The folders listed are: BDY - Business Day Reports (30/06/2020 10:34), CON - Contingency Reports (30/06/2020 10:35), DEX - Data Extraction Reports (30/06/2020 10:36), INV - Invoice Data Reports (30/06/2020 10:36), STF - Standing Facilities Reports (17/07/2020 12:29), and MIR - Minimum Reserve Reports (03/08/2020 10:38). The 'STF - Standing Facilities Reports' folder is highlighted with a red box, and a red arrow points to it from the 'Recent' section of the sidebar.

3. CONFIGURACIÓN Y VISUALIZACIÓN DE INFORMES

Paso 4: Seleccionamos el informe que queremos. Si hacemos click directamente en el informe, éste se ejecutará en el formato establecido por defecto (html).



The screenshot displays the Target Data Warehouse interface. The top navigation bar is dark blue with the 'target' logo on the left and 'Data Warehouse' in the center. On the right side of the bar, it says 'Welcome' with a dropdown arrow. Below the navigation bar is a left-hand menu with options: Home, Search, System information, My content, Team content (highlighted with a blue bar), and Recent. The main content area shows a breadcrumb trail: 'Team content > Predefined Reports > STF - Standing Facilities Reports'. To the right of the breadcrumb are icons for adding, filtering, and sorting. Below the breadcrumb, a report card is visible with the title 'STF01 - Standing Facility information' and a timestamp '1/25/2021 4:40 PM'.

3. CONFIGURACIÓN Y VISUALIZACIÓN DE INFORMES

Para elegir otro formato (Excel, Excel data, PDF, CSV o XML), hacemos click en **More “(...)”** – **“Run as”** – **Excel/PDF/Otros**. Debemos seleccionar la opción **“Prompt me”** y desactivar la opción **“Run in background”**.

The image shows a screenshot of the Target Data Warehouse interface. On the left, there is a navigation menu with options like Home, Search, System information, My content, Team content, and Recent. The main area displays a report titled 'STF01 - Standing Facility information' with a date of '25/01/2021 16:40'. A context menu is open over the report, with the 'Run as' option highlighted. An arrow points from this menu to a detailed 'Run as' configuration panel on the right. In this panel, the 'Run in background' toggle is turned off, and the 'Prompt me' option is selected with a checkmark. Other format options like Excel, Excel Data, PDF, HTML, CSV, and XML are listed with radio buttons.

3. CONFIGURACIÓN Y VISUALIZACIÓN DE INFORMES

Paso 5: Introducimos los criterios de búsqueda y presionamos **“Finish”**

The screenshot shows the 'target' application interface for 'STF01 - Standing Facility information'. The search criteria are configured as follows:

- Date From:** Apr 30, 2019
- Date To:** Jun 30, 2019
- Keywords:** isthmus
- Keywords List:** A list with 'Select all' (unchecked) and 'PBAAKMD0XXX - Banco de Ist' (checked).
- Choices:** PBAAKMD0XXX - Banco de Isthmus
- Party BIC:** (Empty field)
- Search Options:** 'Contains any of these keywords' (dropdown) and 'Case Insensitive' (checked).
- Buttons:** 'Cancel' and 'Finish' (highlighted with a red box and an arrow pointing to it).

3. CONFIGURACIÓN Y VISUALIZACIÓN DE INFORMES

Paso 6: El informe se ejecutará en el formato elegido (en este caso, en formato pdf):

2021-04-27
14:42:53
DEV -
Development
and integration

target | **STF01 - Standing Facility information**

CBXXXMDDXXX - Central Bank of Fiction

Filters: Date From : 2019-04-30 Date To : 2019-06-30
Party BIC : PBAAKMDXXX - Banco de Isthmus

Marginal Lending

Responsible CB : Central Bank of Fiction
Currency : EUR

Use of marginal lending

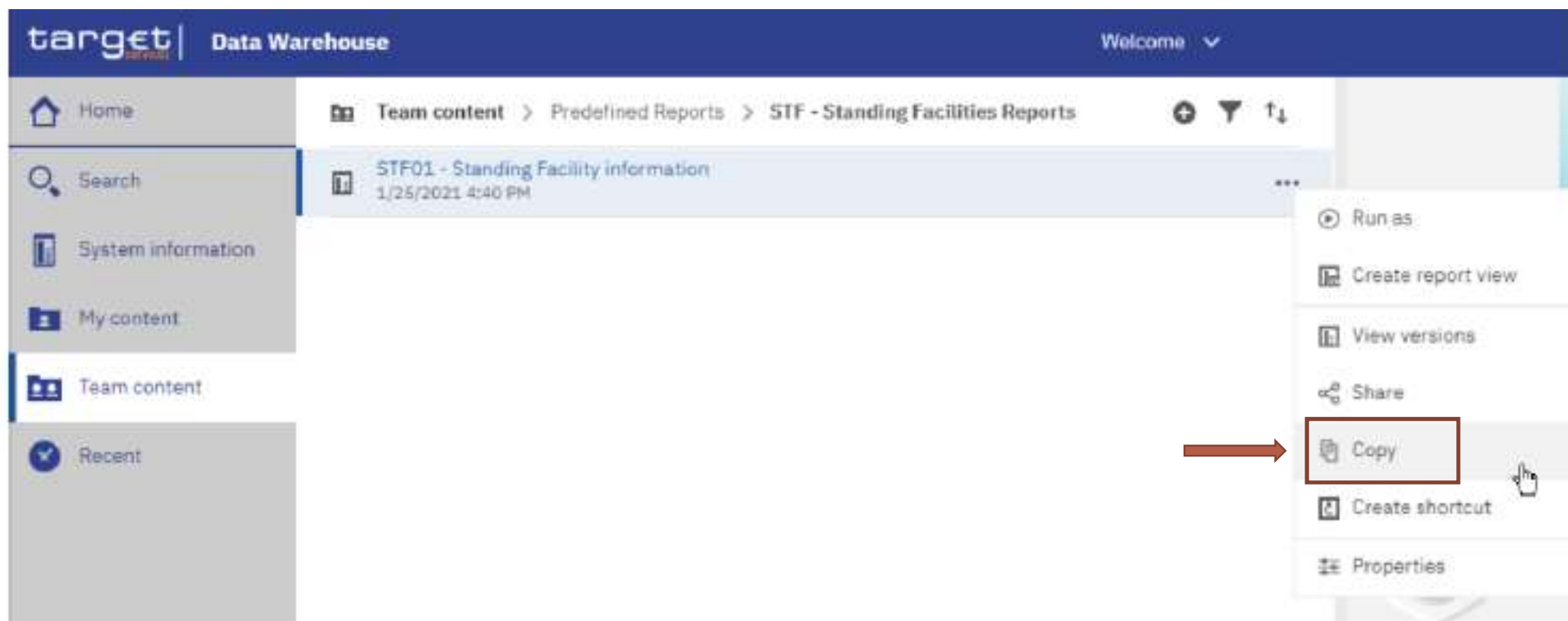
BIC	Party Name	MFI Code	Account BIC	Date	Capital set-up	Capital refund	Interests
PBAAKMDXXX	Banco de Isthmus	10002	PBAAKMC01X	30.04.2019	2,341,231.05	6,346,801.54	-1,602.54
				07.05.2019	19,230.48	0.00	0.00
				14.05.2019	19,230.48	0.00	0.00
				21.05.2019	19,230.48	0.00	0.00
				28.05.2019	19,230.48	0.00	0.00
				30.05.2019	2,862,000.71	7,822,801.91	-1,602.54
				04.06.2019	19,230.50	0.00	0.00
				11.06.2019	19,230.50	0.00	0.00
				18.06.2019	19,230.50	0.00	0.00
				25.06.2019	19,230.50	0.00	0.00
				30.06.2019	3,402,000.85	9,298,802.27	-1,602.54
				Total	8,759,076.53	23,468,405.72	-4,807.62
Total all Parties					8,759,076.53	23,468,405.72	-4,807.62

4. DESCARGA DE INFORMES

4. DESCARGA DE INFORMES

Descarga puntual (A2A)

Paso 1: Dentro del informe, hacemos click en **More “(...)”** – **“Copy”**. Con esto guardaremos una copia independiente del informe en **My content**.



4. DESCARGA DE INFORMES

Descarga puntual (A2A)

Paso 2: Dentro de My content, en el informe copiado hacemos click en **More “(…)”** – **“Run as”** – **“Advanced”** – **“Delivery”**. Marcamos la opción **“Run in background”** y escogemos el formato (excel/csv/xml).

The screenshot illustrates the configuration steps for a report. On the left, the 'Run as' section is expanded, showing the 'Run in background' toggle switch turned on. Below it, the format selection options are listed: Excel (checked), Excel Data, PDF, HTML, CSV, and XML. At the bottom of this section, the 'Advanced' dropdown menu is also highlighted. A red arrow points from the 'Run in background' toggle to the 'Advanced' section on the right. In the 'Advanced' section, the 'Now' radio button is selected under the 'Run as' heading. The 'Delivery' dropdown menu is expanded, showing 'Now' and 'Later' radio buttons, with 'Later' selected. Below the 'Delivery' options, there are two input fields: one for the date '2020-07-14' and one for the time '11:53 AM'.

4. DESCARGA DE INFORMES

Descarga puntual (A2A)

Paso 3: Dentro del menu “**Delivery**” se despliegan varias opciones. Hacemos click en “**Save report as an external file**” – “**Done**” y finalmente “**Run**”.

The screenshot shows the 'Delivery' menu with the following options:

- Send report by email
- Print report
- Send report to mobile device
- Save report as an external file**

Below the menu, the report details are shown:

- Name: STF01 - Standing Facility
- Location: Export-Reports
- Conflict resolution:

The 'Run' button is located at the bottom right of the screen.

4. DESCARGA DE INFORMES

Descarga puntual (A2A)

Paso 4: Introducimos los criterios de búsqueda y presionamos **“Finish”**

The screenshot shows the 'target' application interface. The main title is 'STF01 - Standing Facility information'. Below the title, there are date selection fields: 'Date From: Apr 30, 2019' and 'Date To: Jun 30, 2019'. A search bar contains the keyword 'isthmus'. Below the search bar, there is a list of search results with a 'Select all' checkbox and a checked checkbox for 'PBAAKMD0XXX - Banco de Ist'. To the right of the search results is a 'Choices' panel containing the selected item 'PBAAKMD0XXX - Banco de Isthmus'. At the bottom of the interface, there are 'Cancel' and 'Finish' buttons. A red box highlights the 'Finish' button, and a red arrow points to it from the right. The 'Party BIC:' field is empty. The search criteria are set to 'Contains any of these keywords' and 'Case Insensitive'.

4. DESCARGA DE INFORMES

Descarga puntual (A2A)

Ejemplo de informe TRN01 exportado en formato XLSX vía A2A (Transactions 01 – cash transfer (order) search and details):

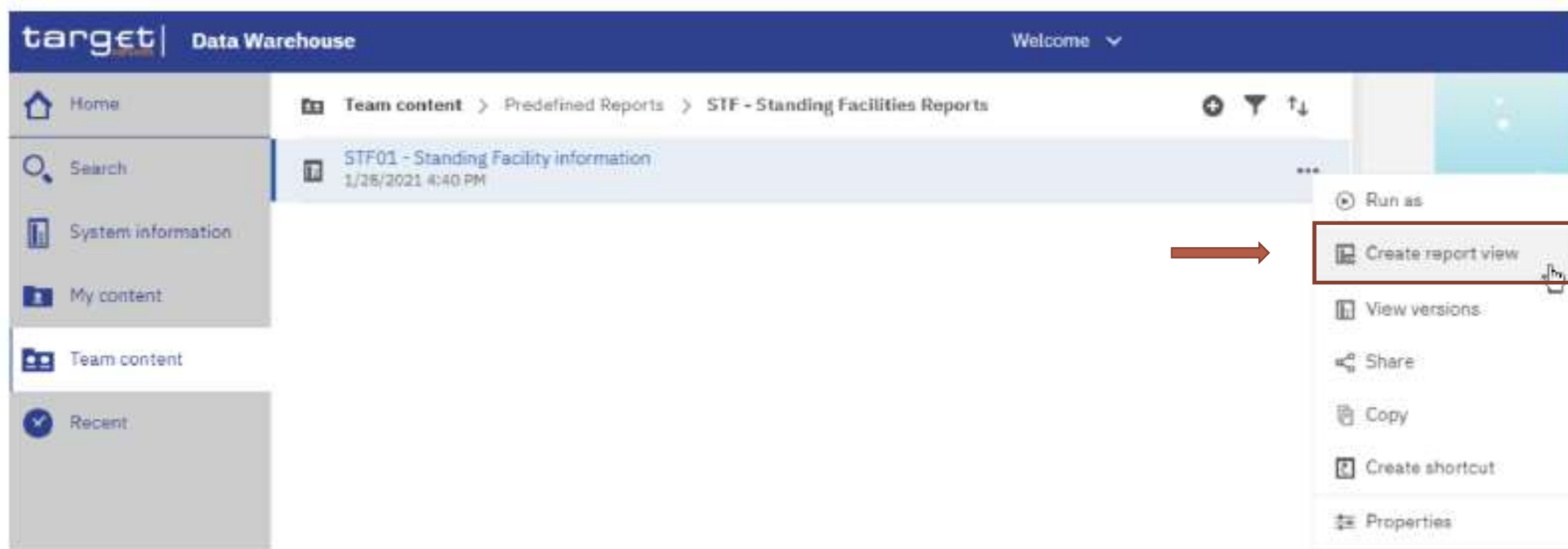
Flag	Sender/Receiver Party BIC	Transaction Reference Number	Sender Message Reference	Message Type	Service Type	Status	Debited Account Number	Debited Account BIC	Credited Account Number	Credited Account BIC	Amount
Sender	PBABKMD0XXX	2018141433293	not provided	pacs.009	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBABKWR001X	361.800,68
Sender	PBABKMD0XXX	2018141433294	not provided	pacs.010	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBABKWR001X	144.720,27
Sender	PBABKMD0XXX	2018141433295	not provided	pain.998	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBABKWR001X	434.160,82
Sender	PBABKMD0XXX	2018141433296	not provided	pacs.008	RTGS	Removed	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBABKWR001X	5.788,81
Sender	PBABKMD0XXX	2018141433301	not provided	pacs.009	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBAEKWR001X	361.800,69
Sender	PBABKMD0XXX	2018141433302	not provided	pacs.010	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBAEKWR001X	144.720,28
Sender	PBABKMD0XXX	2018141433303	not provided	pain.998	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBAEKWR001X	434.160,83
Sender	PBABKMD0XXX	2018141433304	not provided	pacs.008	RTGS	Removed	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBAEKWR001X	5.788,81
Sender	PBABKMD0XXX	2018141433305	not provided	pacs.009	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBACKWR001X	361.800,17
Sender	PBABKMD0XXX	2018141433306	not provided	pacs.010	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBACKWR001X	144.720,07
Sender	PBABKMD0XXX	2018141433307	not provided	pain.998	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBACKWR001X	434.160,2
Sender	PBABKMD0XXX	2018141433308	not provided	pacs.008	RTGS	Removed	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X		PBACKWR001X	5.788,8
Sender	PBABKMD0XXX	2018141433309	not provided	pacs.009	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X		PBAAKPR001X	361.800,82
Sender	PBABKMD0XXX	2018141433310	not provided	pacs.010	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X		PBAAKPR001X	144.720,33
Sender	PBABKMD0XXX	2018141433311	not provided	pain.998	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X		PBAAKPR001X	434.160,98
Sender	PBABKMD0XXX	2018141433312	not provided	pacs.008	RTGS	Removed	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X		PBAAKPR001X	5.788,81
Sender	PBABKMD0XXX	2018141433313	not provided	pacs.009	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X		PBADKPR001X	361.801,08
Sender	PBABKMD0XXX	2018141433314	not provided	pacs.010	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X		PBADKPR001X	144.720,43
Sender	PBABKMD0XXX	2018141433315	not provided	pain.998	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X		PBADKPR001X	434.161,3
Sender	PBABKMD0XXX	2018141433316	not provided	pacs.008	RTGS	Removed	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X		PBADKPR001X	5.788,82
Sender	PBABKMD0XXX	2018141433317	not provided	pacs.009	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X	RTGSDCPBACKMD0XXXEUR0001	PBACKMR001X	361.800,75
Sender	PBABKMD0XXX	2018141433318	not provided	pacs.010	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X	RTGSDCPBACKMD0XXXEUR0001	PBACKMR001X	144.720,3
Sender	PBABKMD0XXX	2018141433319	not provided	pain.998	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X	RTGSDCPBACKMD0XXXEUR0001	PBACKMR001X	434.160,89
Sender	PBABKMD0XXX	2018141433320	not provided	pacs.008	RTGS	Removed	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X	RTGSDCPBACKMD0XXXEUR0001	PBACKMR001X	5.788,81
Sender	PBABKMD0XXX	2018141433321	not provided	pacs.009	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X	RTGSDCPBANKMD0XXXEUR0011	PBAEKMR001X	361.801,48
Sender	PBABKMD0XXX	2018141433322	not provided	pacs.010	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X	RTGSDCPBANKMD0XXXEUR0011	PBAEKMR001X	144.720,59
Sender	PBABKMD0XXX	2018141433323	not provided	pain.998	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X	RTGSDCPBANKMD0XXXEUR0011	PBAEKMR001X	434.161,78
Sender	PBABKMD0XXX	2018141433324	not provided	pacs.008	RTGS	Removed	RTGSDCPBABKMD0XXXEUR0011	PBABKMR001X	RTGSDCPBANKMD0XXXEUR0011	PBAEKMR001X	5.788,82
Sender	PBABKMD0XXX	2018141433325	not provided	pacs.009	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X	RTGSDCPBANKMD0XXXEUR0001	PBADKMR001X	361.800,28
Sender	PBABKMD0XXX	2018141433326	not provided	pacs.010	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X	RTGSDCPBANKMD0XXXEUR0001	PBADKMR001X	144.720,11
Sender	PBABKMD0XXX	2018141433327	not provided	pain.998	RTGS	Settled	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X	RTGSDCPBANKMD0XXXEUR0001	PBADKMR001X	434.160,33
Sender	PBABKMD0XXX	2018141433328	not provided	pacs.008	RTGS	Removed	RTGSDCPBABKMD0XXXEUR0001	PBABKMR001X	RTGSDCPBANKMD0XXXEUR0001	PBADKMR001X	5.788,8



4. DESCARGA DE INFORMES

Programar la recepción de informes

Paso 1: Como condición previa debemos hacer uso de la función “**Create a report view**”. Esta opción nos permite guardar en My Content una versión del informe más personalizado (con criterios de búsqueda, métodos de descarga, etc).

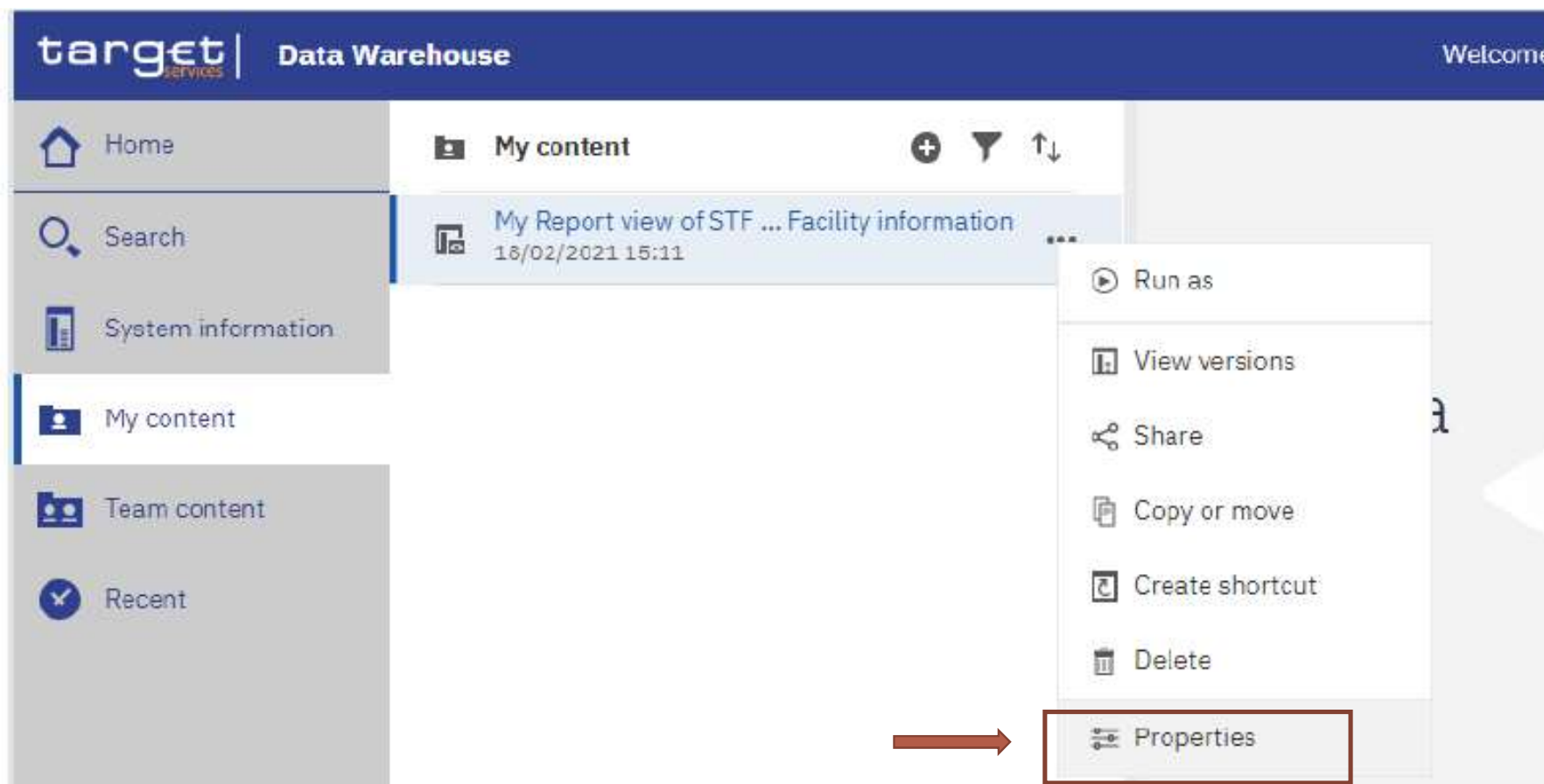


The screenshot displays the Target Data Warehouse interface. The top navigation bar includes the 'target' logo, 'Data Warehouse', and a 'Welcome' dropdown. The left sidebar contains navigation options: Home, Search, System information, My content, Team content, and Recent. The main content area shows a breadcrumb trail: 'Team content > Predefined Reports > STF - Standing Facilities Reports'. Below this, a report entry is visible: 'STF01 - Standing Facility information' with a timestamp of '1/25/2021 4:40 PM'. A context menu is open over this report, listing several actions: 'Run as', 'Create report view', 'View versions', 'Share', 'Copy', 'Create shortcut', and 'Properties'. A red arrow points from the report entry to the 'Create report view' option, which is highlighted with a red border.

4. DESCARGA DE INFORMES

Programar la recepción de informes

Paso 2: Una vez creada, hacemos click en **More “(...)”** - **“Properties”**.



4. DESCARGA DE INFORMES

Programar la recepción de informes

Paso 3: Dentro del apartado “**Schedule**” pulsamos el botón “**New**”.

The screenshot displays the 'target Data Warehouse' interface. The top navigation bar includes 'Home', 'Search', 'System information', 'My content', 'Team content', and 'Recent'. The main content area shows a report view titled 'My Report view of STF ... Facility Information' with a creation date of 18/02/2021 15:11. The 'Schedule' tab is selected, and a '+ New' button is highlighted with a red box and a red arrow. The interface also shows the owner's name, creation and modification dates, and the report type. A message at the bottom states 'There is no schedule for this report.'

4. DESCARGA DE INFORMES

Programar la recepción de informes

Paso 4: Aparecen diferentes opciones: frecuencia, periodo, formato, método de “delivery” (puede ser descargarlo en una aplicación externa o guardarlo en DWH). Para recibir el informe A2A, marcamos la opción “Save report as an external file”- “Done”

The image shows two screenshots from a web application interface. The left screenshot is the 'Create schedule' screen, and the right screenshot is the 'Delivery' screen.

Create schedule screen:

- Schedule:** Weekly
- Period:** Start: 2021-02-25 12:59, End: 2021-05-25 12:59, No end date (unchecked)
- Run every:** 1 week(s)
- On day(s):** M T W T F S S (T is selected)
- Options:** Format: HTML
- Delivery:** Save (highlighted with a red box and an arrow pointing to the right)

Delivery screen:

- Send report by email:**
- Print report:**
- Send report to mobile device:**
- Save report as an external file:** (highlighted with a red box)
- Name:** STF01 - Standing Facility
- Location:** Export-Reports
- Conflict resolution:** (expanded)

4. DESCARGA DE INFORMES

Programar la recepción de informes

Paso 5: Por último, en “Prompts – Set Values” hacemos click en “Set” para introducir los criterios de búsqueda

Home My content My first folder 24/02/2021 11:55 STF01 - Standing Facility information 25/01/2021 16:40

Home Search System information My content Team content Recent

Create schedule

Back

Schedule Weekly

Period

Start 2021-02-25 12:59

End 2021-05-25 12:59

No end date

Run every 1 week(s)

On day(s) M T W T F S S

Daily time interval

Options

Format HTML

Delivery Save

Prompts Set values

Current values

Set | Clear

4. DESCARGA DE INFORMES

Programar la recepción de informes

Paso 6: Cuando ya hayamos configurado todas las opciones, marcamos **“Create”**. El botón **“Enable”** (on/off) nos permite activar o cancelar el envío programado del informe.

The image shows a composite screenshot of the Target Data Warehouse interface. On the left, a sidebar lists configuration options: Format (HTML), Delivery (Save), Prompts (Set values), Languages (English (United Kingdom)), PDF (Select), and Classic View. At the bottom of this sidebar, the 'Create' button is highlighted with a red box. A red arrow points from this 'Create' button to the main interface. The main interface shows a navigation menu with 'My content' selected. A notification banner at the top right states 'Your schedule was successfully created.' Below this, a report card is visible with details: Owner (wg09087), Created (18/02/2021, 16:11), Modified (18/02/2021, 16:11), and Type (Report View). The 'Schedule' tab is active, showing an 'Enable' toggle switch that is turned on, and a 'Delete' button. Below the toggle, the trigger is set to 'By trigger - On eodtrigger' with an XML icon.

5. DOCUMENTACIÓN DE INTERÉS

- **DWH UHB** → T2-T2S User Handbook v2.0 DWH
- **DWH UDFS** → Especificaciones funcionales detalladas Data Warehouse v2.2
- **Otras píldoras informativas** → Data Warehouse. Consolidación T2 - T2S

Disponibles en nuestra página web, a través del siguiente link:

https://www.bde.es/bde/es/areas/sispago/sis_pago_may/TARGET2-Banco_de/proyectos-eurosi/Proyectos_Eurosistema.html

GRACIAS POR SU ATENCIÓN

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