

ECMS EUROSISTEM COLLATERAL MANAGEMENT SYSTEM

PREPARAÇÃO PARA A FASE DE TESTES DE CONECTIVIDADE

15 E 16 DEZEMBRO 2022 | LISBOA



**BANCO DE
PORTUGAL**
EUROSISTEMA



AGENDA

- 01** ENQUADRAMENTO
Relembrando o que é o ECMS
- 02** CONECTIVIDADE E ACESSO
Modos de comunicação, ESMIG e acesso ao ECMS
- 03** ECMS NA PRÁTICA
Primeiro acesso e aspetos gerais do interface
- 04** CONFIGURAÇÃO DE ACESSOS
Criação de utilizadores, configuração de grupos e princípio de 2 e 4 olhos
- 05** TESTE DE CONECTIVIDADE
Cronologia da fase de testes
- 06** CONTACTOS
Como chegar até nós
- 07** LIGAÇÕES E DOCUMENTAÇÃO
Onde ir e o que ler
- 08** ANEXOS



ENQUADRAMENTO



Adesão obrigatória para continuar a aceder às operações de política monetária.

~~COLMS~~

Before the ECMS:

19 collateral management systems



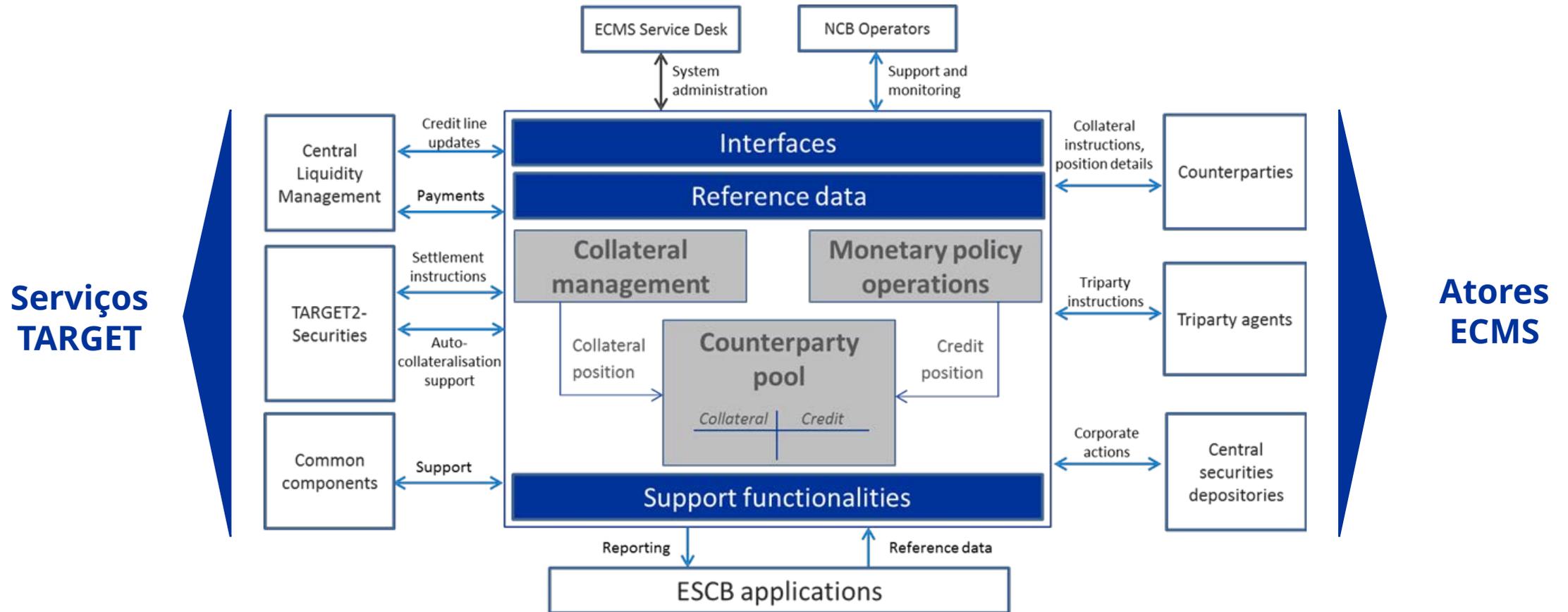
From April 2024 onwards:

1 unified system



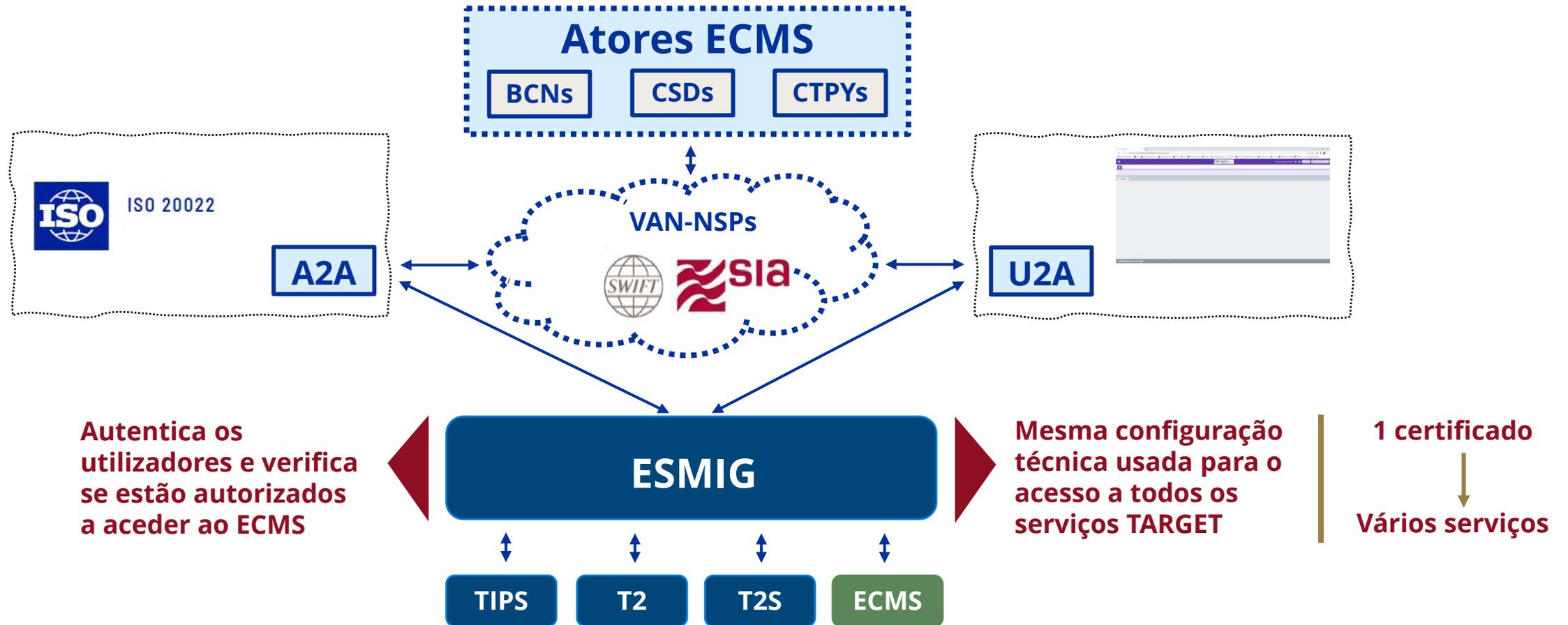


ENQUADRAMENTO





CONECTIVIDADE E ACESSO





CONECTIVIDADE E ACESSO

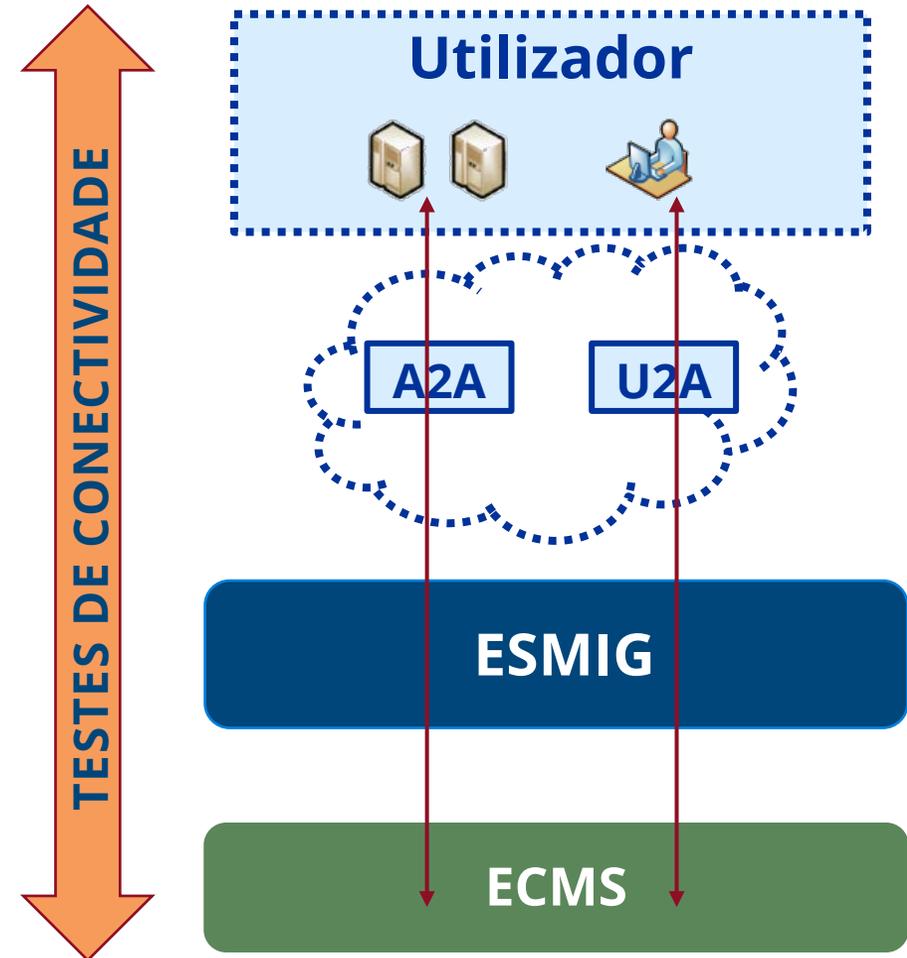
Critérios de sucesso:

U2A - O utilizador administrador acede ao ESMIG, seleciona o ECMS e acede ao ecrã inicial da aplicação.

A2A - O utilizador envia uma mensagem de negócio e recebe do ECMS uma mensagem do tipo *admi.007 (ReceiptAcknowledgment)*.



E para chegar até aqui?





CONECTIVIDADE E ACESSO

O CAMINHO ATÉ AQUI

Descrição	Serviço
1 <i>Select the NSP of choice and select the related Services.</i>	✓ ALL
2 <i>Ask the NSP's for an offer and order the related products.</i>	✓ ALL
3 <i>Connectivity setup with the NSP.</i>	✓ ALL
4 <i>Subscribe to the NSP's Services for TARGET Services (e.g. inclusion into the CGU).</i>	🕒 ALL
5 <i>Request for the NSP PKI certificates.</i>	✓ ALL
6 <i>Create the Party in Reference Data in ECMS</i>	🔲 ECMS
7 <i>Create Party administrators in ECMS</i>	🔲 ECMS
8 <i>Create the users and the Distinguish Name in CRDM or ECMS</i>	🔲 ECMS
9 <i>Connectivity test with TARGET Services</i>	🔲 ALL
A2A	
<ul style="list-style-type: none"><i>in case of schema validation error, the user will receive an admi.007 message</i><i>business validation errors will trigger the relevant business response message (eg. Pacs.002, camt.025 and reda.xxx according to the service/component the message has been sent to)</i>	
U2A	
<ul style="list-style-type: none"><i>the user will be able to reach the ESMIG landing page</i>	

Subscrição para ECMS Pré-Produção já disponível no [site da SWIFT](#).

Mesmo certificado para ECMS



Completo



Em progresso



Pendente



CONECTIVIDADE E ACESSO

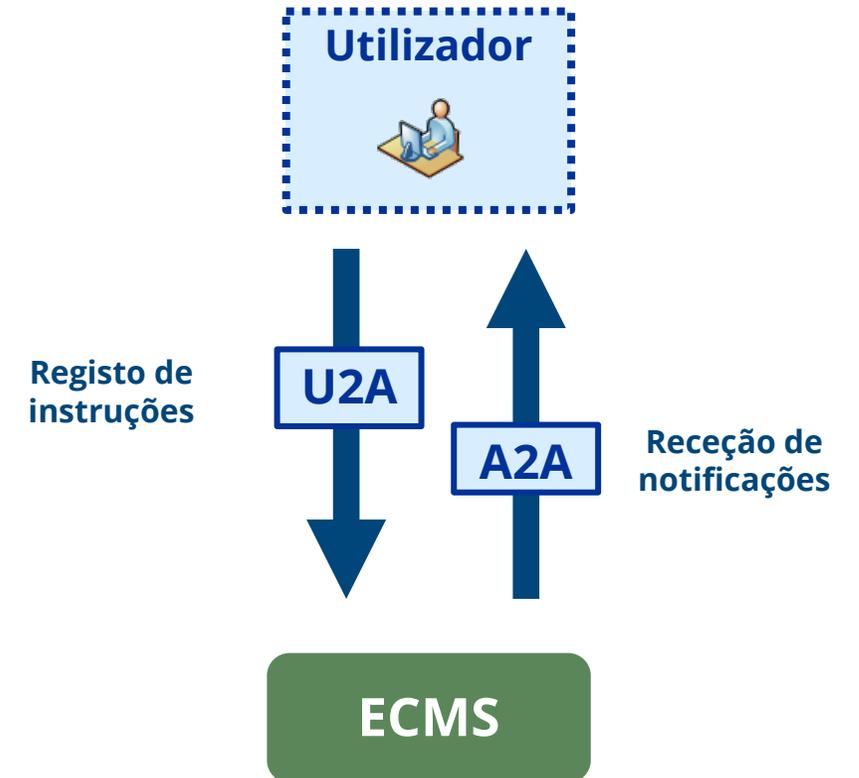
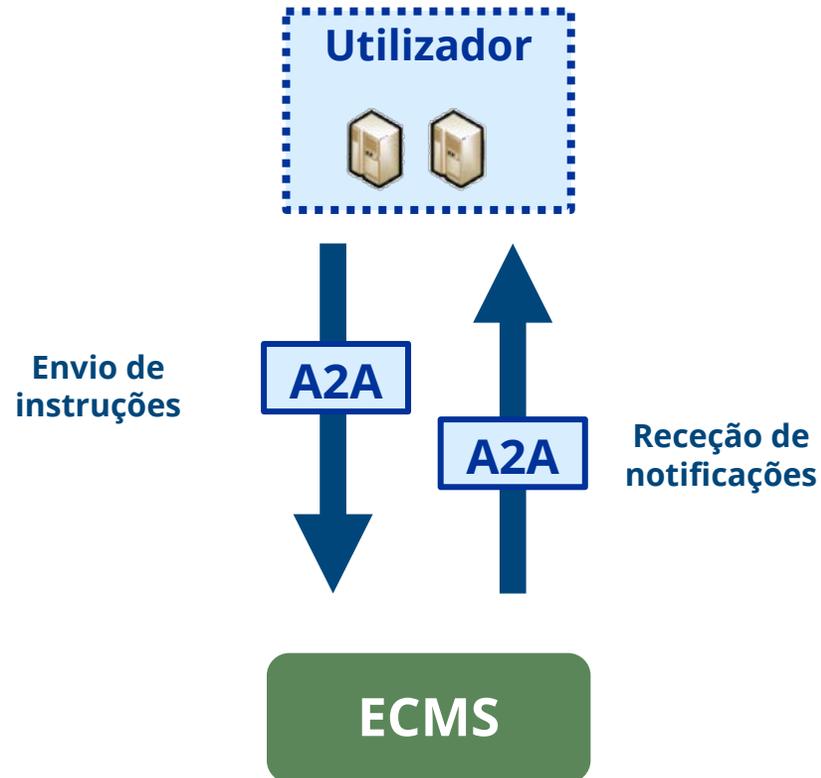
DETALHANDO O CAMINHO

Teste de conectividade no ECMS	Ator
<i>1. Creation of NCB/CSD/TPA party</i>	<i>ECMS Operator</i>
<i>2a. Creation of NCB user(s) with the role 'NCB Admin'</i>	<i>ECMS Operator</i>
<i>2b. Creation of CSD/TPA A2A user without any role attached (assigning a role is not needed for starting connectivity testing)</i>	
<i>As from 2b. CSD/TPA A2A connectivity testing can be done</i>	<i>CSD/TPA A2A user</i>
<i>3. Connection to the ECMS GUI landing page (and the user can access menu corresponding to his role)</i>	<i>NCB Admin</i>
<i>4a. Creation of NCB A2A user without any role attached (not needed for connectivity testing)</i>	<i>NCB Admin</i>
<i>4b. Creation of NCB User(s) with the role 'NCB - U2A General Reference Data Execution' (as from that moment the NCB user can access the menu corresponding to his role)</i>	
<i>As from 4a. NCB A2A connectivity testing can be done</i>	<i>NCB A2A user</i>
<i>5. Creation of the CPTY party</i>	<i>NCB User in U2A (cf. step 4b)</i>
<i>6. Creation of the CPTY user(s) with the role 'CPTY Admin'</i>	<i>NCB Admin</i>
<i>7. Connection to the ECMS GUI landing page (and the user can access menu corresponding to his role)</i>	<i>CPTY Admin</i>
<i>8. Creation of CPTY A2A user without any role attached (not needed for connectivity testing)</i>	<i>CPTY Admin</i>
<i>As from 8. CPTY A2A connectivity testing can be done</i>	<i>CPTY A2A user</i>



CONNECTIVIDADE E ACESSO

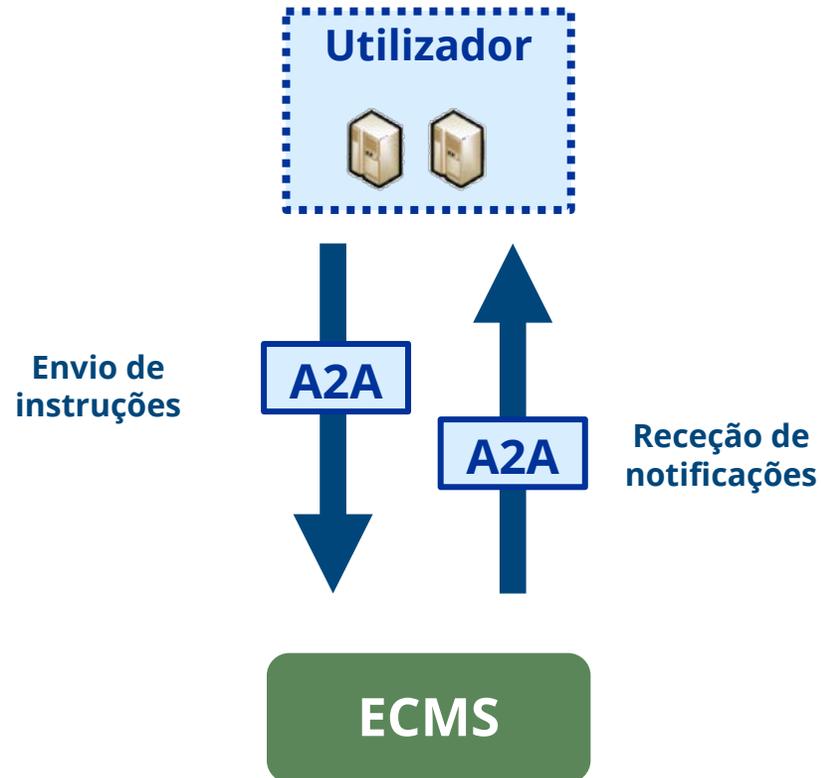
O ACESSO A2A





CONECTIVIDADE E ACESSO

O ACESSO A2A



Requisitos no ECMS:

1. Criar o utilizador aplicacional e atribuir-lhe os *roles* necessários;
2. Subscrever as mensagens desejadas.

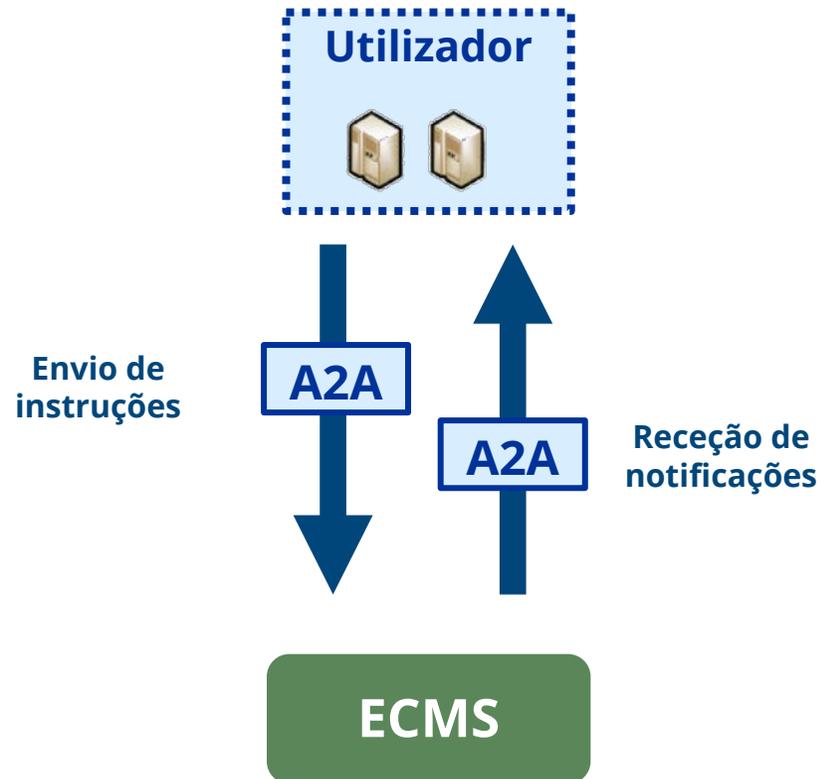
O teste na prática:

1. Utilizador aplicacional envia uma mensagem de negócio ao ECMS;
2. ECMS responde com uma mensagem *admi.007*, a qual é recebida pela instituição.



CONECTIVIDADE E ACESSO

O ACESSO A2A



Requisitos no ECMS:

1. Criar o utilizador aplicacional e atribuir-lhe os *roles* necessários;
2. Subscrever as mensagens desejadas.

O teste na prática:

1. Utilizador aplicacional envia uma mensagem de negócio ao ECMS;
2. ECMS responde com uma mensagem adm.007, a qual é recebida pela instituição





CONNECTIVIDADE E ACESSO

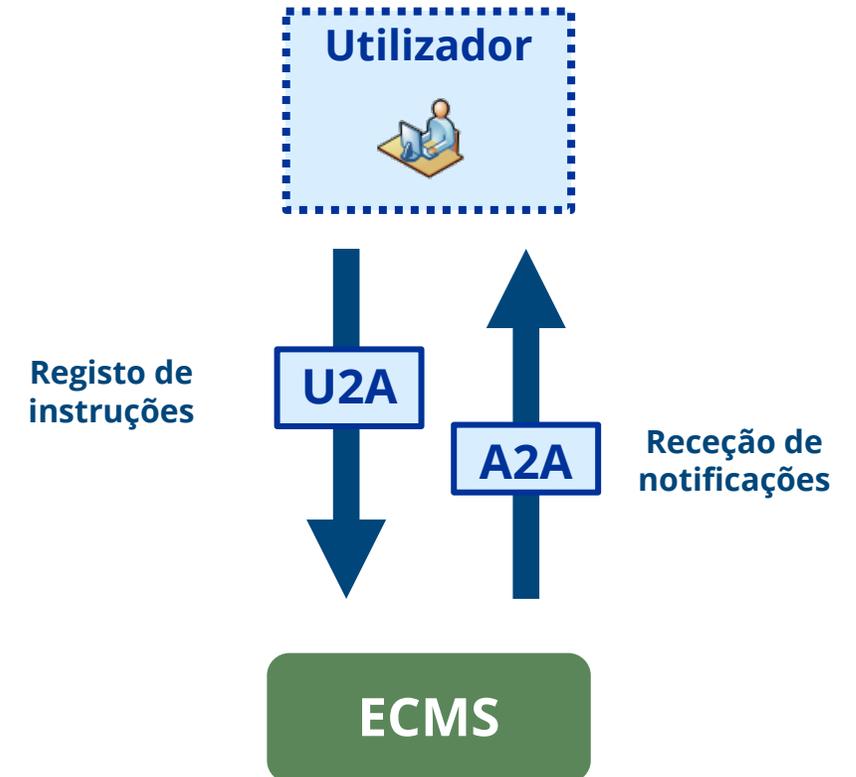
O ACESSO A2A

Requisitos no ECMS:

1. Subscrever as mensagens desejadas.

O teste na prática:

1. Utilizador envia uma *admi.005 (ReportQueryRequest)* ao ECMS;
2. ECMS responde com uma mensagem *admi.007*, a qual é recebida pela instituição.





CONNECTIVIDADE E ACESSO

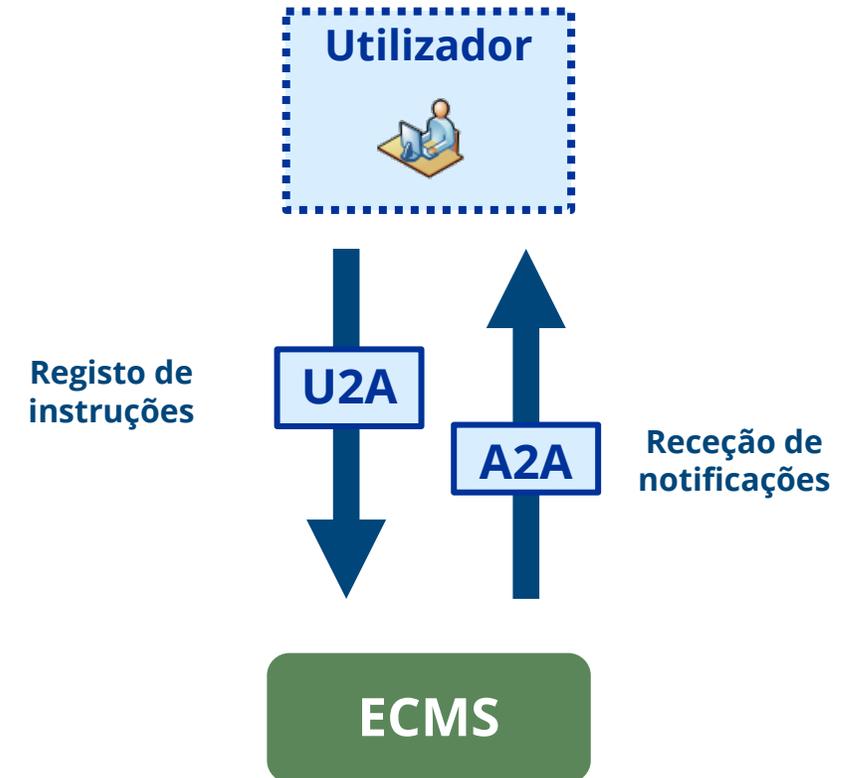
O ACESSO A2A

Requisitos no ECMS:

1. Subscrever as mensagens desejadas.

O teste na prática:

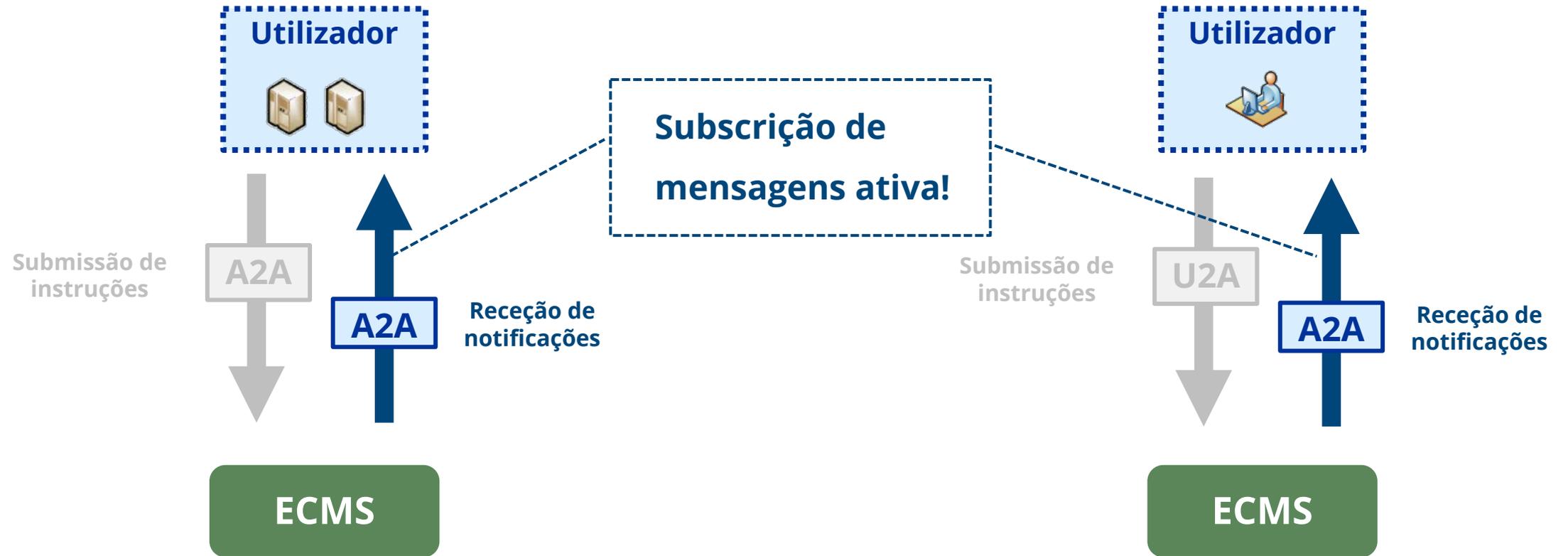
1. Utilizador envia uma mensagem adm.005 (*ReportQueryRequest*) ao ECMS;
2. ECMS responde com uma mensagem adm.007, a qual é recebida pela instituição.





CONECTIVIDADE E ACESSO

O ACESSO A2A





CONECTIVIDADE E ACESSO

O ACESSO U2A

target SERVICES

Welcome ETU210 | 2022-12-05 13:52
Stage: EAC | Version 1.0.4 | Go Sign Client: [SU](#) [MU](#)

Services List

Choose an Application and your System User Reference

Choose a Service

T2 T2S TIPS ECMS

Choose Component or Application

ECMS

Choose a System User

Search for user...

ECMS ACCESS

Submit



CONECTIVIDADE E ACESSO

O ACESSO U2A

The screenshot displays a web interface for Target Services ECMS. The top navigation bar is purple and contains the 'target services ECMS' logo, the business date '05/12/2022', and user information 'PTCB' and 'AEAC-W, Monica Go...'. Below the navigation bar, there is a light blue header with an 'Add Slide' button. The main content area is a large light blue rectangle featuring a large green circular stamp with the word 'PASSED' in the center, surrounded by three stars. At the bottom left of the main area, the text 'Collateral and Credit' is visible.



ECMS NA PRÁTICA

PRIMEIRO ACESSO

The screenshot shows the ECMS system interface. At the top, there is a purple header bar with the 'target services | ECMS' logo on the left, the 'Business Date 05/12/2022' in the center, and user information 'PTCB' and 'AEAC-W, Monica Go...' on the right. Below the header is a light blue navigation bar with a 'MENU' label and a 'HOME' button. The main content area is light gray and contains several red annotations: 'DIA DE NEGÓCIO' pointing to the business date, 'UTILIZADOR' pointing to the user name, 'ALERTAS' pointing to a notification icon, and 'INSTITUIÇÃO' pointing to an institution icon. At the bottom, there is a dark gray footer bar with a red-bordered box containing the text 'Collateral and Credit'. A red line also points from the 'MÓDULO' label to this box.



ECMS NA PRÁTICA

VERIFICAR OS ACESSOS CONCEDIDOS

The screenshot displays the Target Services ECMS interface. At the top, there is a purple header bar with the 'target services ECMS' logo on the left, the 'Business Date 12/12/2022' on the right, and user information 'PTCB' and 'AEAC-W, PT-CCAM...'. Below the header, a search bar is visible with a magnifying glass icon and a close button. A red box highlights the search bar and the dropdown menu that appears below it. The dropdown menu contains the following items:

- ECMS Core
- Reference Data
- Instructions And Positions
- Corporate Actions
- Broker
- Monitoring

At the bottom of the interface, there is a dark grey bar with the text 'Collateral and Credit'.



ECMS NA PRÁTICA

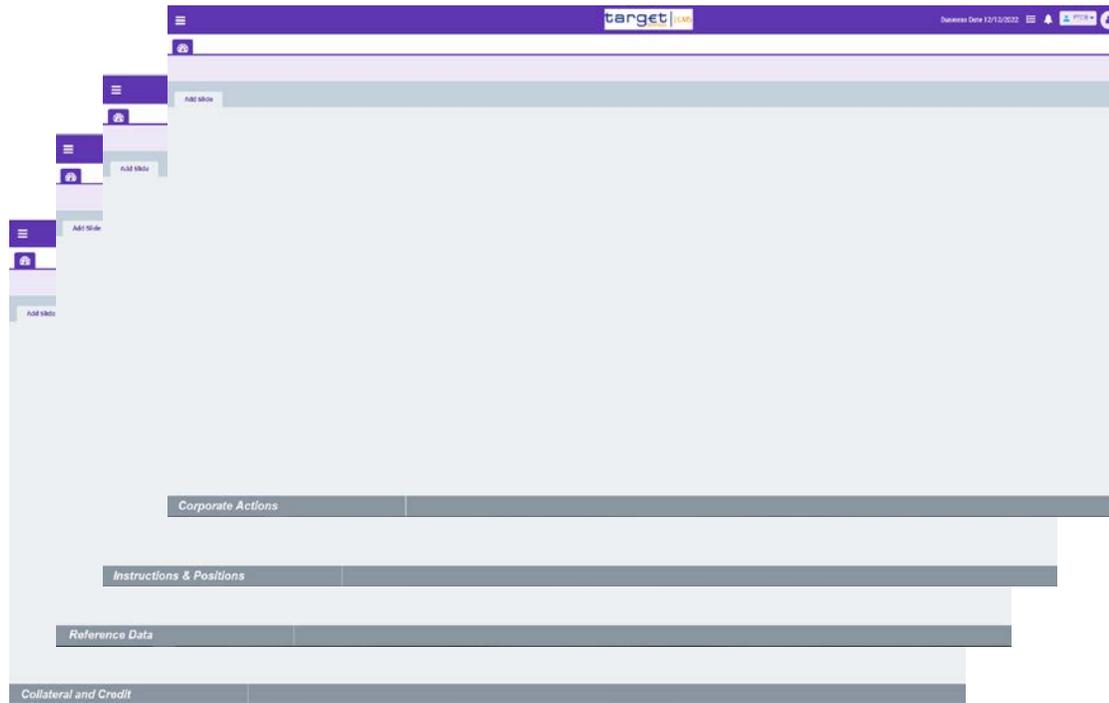
VERIFICAR OS ACESSOS CONCEDIDOS

The screenshot displays the ECMS interface. At the top, there is a purple header bar with the 'target services ECMS' logo on the left, the 'Business Date 12/12/2022' on the right, and user information 'PTCB' and 'AEAC-W, PT-CCCAM-...' on the far right. Below the header, a navigation menu is visible on the left side. The menu items are: Reference Data, Access Right Reference data, Validation / Rejection, System Tools, and ECMS Core. A red box highlights the menu area, and a red arrow points from the 'Validation / Rejection' item to a sub-menu. The sub-menu contains three options: 'Validate / Reject Access right', 'Validate / Reject Security Groups', and 'Validate / Reject Security Users'. Another red box highlights the 'Validate / Reject Access right' option, and a red arrow points from it to the 'Reference Data' item in the main menu. At the bottom of the screen, a red box highlights the 'Reference Data' tab.



ECMS NA PRÁTICA

NAVEGAÇÃO ENTRE MÓDULOS

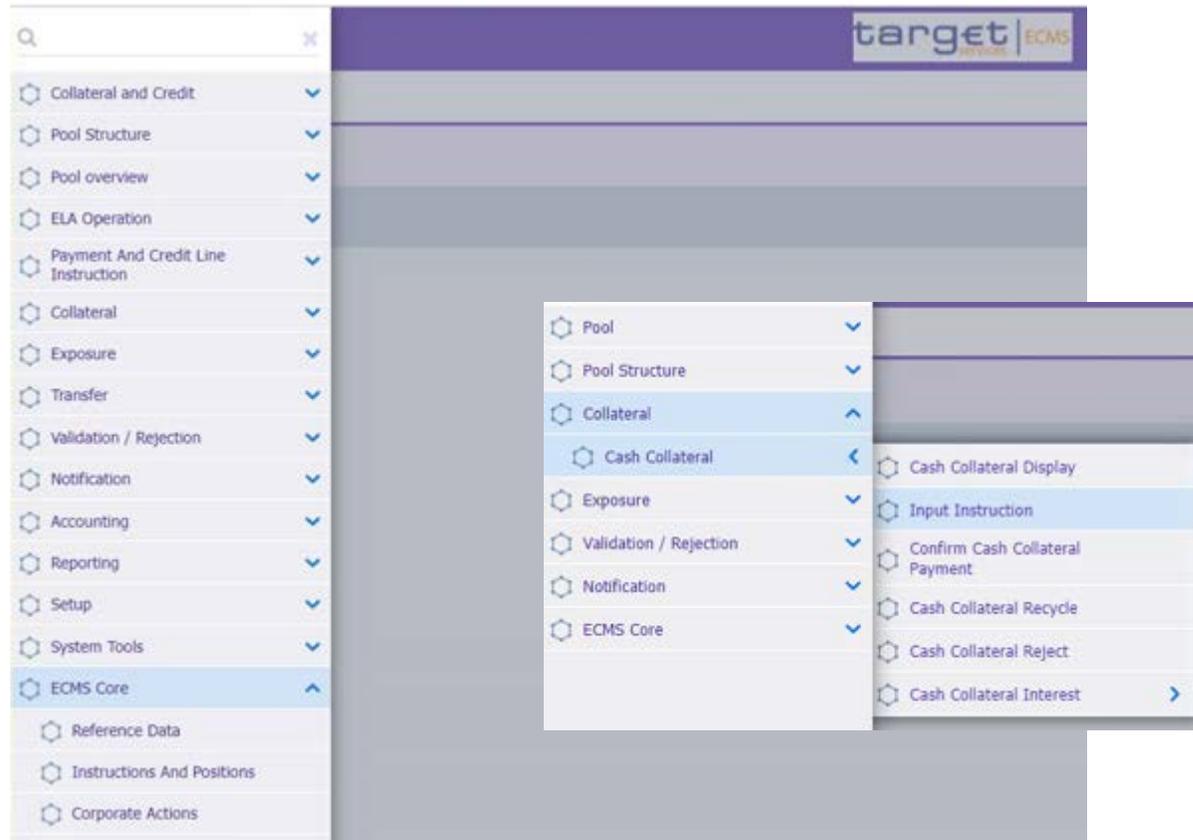


- Cada módulo tem sessões independentes
- Tempo de inatividade de 15 minutos
- ***Timeout*** no ECMS não provoca ***timeout*** no ESMIG

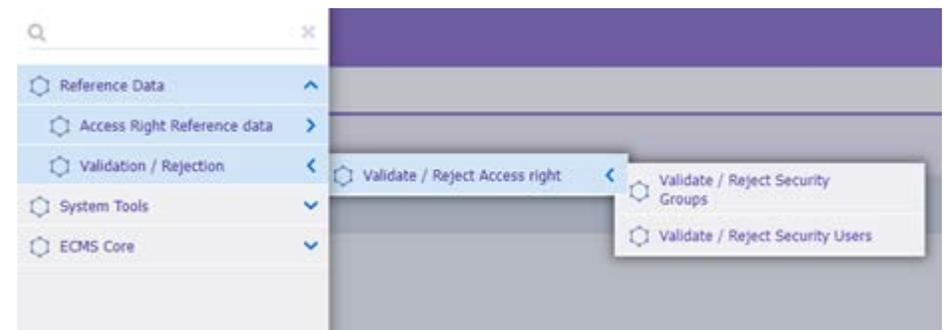


ECMS NA PRÁTICA

ASPETOS GERAIS DO INTERFACE



- **Menu apresentado do lado esquerdo do ecrã e mostra o primeiro nível de opções**
- **Cada opção contém menus associados, os quais se podem desdobrar em um ou dois níveis**
- **A última opção disponível será o ecrã**





ECMS NA PRÁTICA

FUNCIONAMENTO GERAL DE ECRÃS

The screenshot shows the ECMS interface with several key elements highlighted and labeled:

- OPÇÃO DE MENU:** Points to the hamburger menu icon in the top left corner.
- ATÉ 10 SEPARADORES ABERTOS:** Points to the 'Users Create/Display' tab in the top navigation bar.
- ECRÃ:** Points to the 'Create / Display : User' title bar of the main content area.
- LIMPAR CAMPOS DE PESQUISA:** Points to the 'Reset' button located below the search filters.
- GUARDAR PESQUISA:** Points to the 'Create' button in the search action bar.
- MINIMIZAR:** Points to the star icon in the top right corner of the content area.
- ZONA DE PESQUISA:** A bracket on the right side encompasses the search filters and the 'Create' and 'Search' buttons.
- REALIZAR PESQUISA:** Points to the 'Search' button in the search action bar.
- criar novo registo:** Points to the 'Create' button in the search action bar.

The interface includes a header with the 'target|ECMS' logo, the business date '21/06/2021', and user information. The main content area features search filters for 'ECMS System', 'User Reference', 'Name', 'Is Active', and 'Update Date'. Below the filters are sections for 'Latest Searches' and 'Stored Searches'.



ECMS NA PRÁTICA

FUNCIONAMENTO GERAL DE ECRÃS

NÚMERO MÁXIMO DE REGISTOS MOSTRADOS

NR REGISTOS DA PESQUISA

EXPORTAR (PDF, CSV, XML)

EXPORTAR PARA EXCEL

ZONA DE RESULTADOS

ECMS System User Reference	Name	Is Active
PT-CCCAM-CPTYADMIN	PT-CCCAM-CPTYADMIN	Yes



ECMS NA PRÁTICA

FUNCIONAMENTO GERAL DE ECRÃS

target services ECMS Business Date 12/12/2022

Users Create/Display

Create / Display : User

ADMINISTRADOR PT9000

ECMS System User Reference: == Name: == Is Active: ==

Update Date: ==

Reset Create Search

Search Result : User

ECMS System User Reference	Name	Is Active
PT-CCCAM-CPTYADMIN	PT-CCCAM-CPTYADMIN	Yes

History Edit View

ADMINISTRADOR BDP

Search Result : User

ECMS System User Reference	Name	Is Active
PT-CCCAM-CPTYADMIN	PT-CCCAM-CPTYADMIN	Yes
PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes
PTCB-DMR CARLA MARQUES	Carla Marques	Yes
PTCB-DMR SARA CALADO	Sara Calado	Yes
PTBGALPTGXXXAPLSLIM	PTBGALPTGXXXAPLSLIM	Yes
PTCB-MG-ADMIN	Monica Gomes	Yes

History Edit Delete View

HISTÓRICO DE ALTERAÇÕES

EDIÇÃO

DETALHE

INATIVAR REGISTO



CONFIGURAÇÃO DE ACESSOS

CONCEITOS

- Um utilizador herda um perfil que lhe seja atribuído ou sempre que seja incluído num grupo de perfis [modelo RBAC (*role-based access control*)];
- Os **Perfis** estão pré-definidos e são formados por um conjunto de privilégios;
- Um **Privilégio** identifica a capacidade do utilizador realizar uma determinada função;
- Os administradores podem criar **grupos de perfis** para atribuir a utilizadores com as mesma função de negócio;
- Um utilizador não pode estar associado a perfis U2A e A2A em simultâneo;
- Os perfis são cumulativos e nunca contraditórios (ECMS aplica sempre o privilégio menos restritivo);
- Um certificado pode estar associado a vários utilizadores.



CONFIGURAÇÃO DE ACESSOS

TIPOS DE PERFIS

LEITURA

- 01 Utilizador acede à informação mas não consegue criar/editar registos
- 02 Na seleção de registos apenas aparece o botão *View*

EXECUÇÃO

- 01 Utilizador acede à informação e consegue criar/editar registos
- 02 Na seleção de registos aparecem os botões *View, Create, Edit* e *Delete*
- 03 Complementado com perfis para definição do princípio de 2 ou 4 olhos



CONFIGURAÇÃO DE ACESSOS

PRINCÍPIO DE 2 E 4 OLHOS

- Definido ao nível do utilizador;
- Mesma instituição pode ter utilizadores com perfil 2 olhos e 4 olhos;
- Uma instituição que pretenda fazer a administração de acessos em 4 olhos deve ter, pelo menos, dois administradores.
- Se forem ambos atribuídos ao mesmo utilizador, o ECMS aplica o menos restritivo (2 olhos);
- Aplicável apenas em U2A (A2A sempre 2 olhos);



CONFIGURAÇÃO DE ACESSOS

PERFIS DISPONÍVEIS

! A gestão de utilizadores passa a estar do lado da instituição

- **Party Administrator**
- Reference Data
- Marketable Asset (de)mobilisation
- Credit Claim Management
- Cash Collateral
- Other Collateral

- Externally managed collateral
- Open Market Operations
- Standing Facilities
- Credit Freezing
- Credit Line Management
- ELA Management

- CA and Tax Management
- Pool Position Management
- Statements
- Banking Group Management



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Users Create/Display

Create / Display : User

ECMS System User Reference == ▾ Name == ▾ Is Active == ▾

Update Date == ▾

Reset Create Search

Latest Searches

Date	Criteria
------	----------

Stored Searches

You have no stored search.
To start customizing, launch a search and use the "Favorite" button to start your first search.



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

The screenshot shows the 'Users Create/Display' interface. The top section, 'Create / Display : User', includes fields for 'ECMS System User Reference', 'Name', 'Is Active', and 'Update Date'. Below these are 'Reset', 'Create', and 'Search' buttons. The bottom section, 'Edit: User', includes fields for 'ECMS System User Reference', 'Name', and 'Is Active' (checked). It also features buttons for 'User Properties [0]', 'Groups [0]', 'Security Role [0]', and 'User Multi Tenancy [1]'. A red line points from the 'User Properties [0]' button to a red text box below the screenshot.

VERMELHO = PREENCHIMENTO OBRIGATÓRIO



USAR APENAS 26 LETRAS DO ALFABETO LATINO (ANEXO III)



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Users Create/Display

Create / Display : User

ECMS System User Reference == ▾ Name == ▾ Is Active == ▾

Update Date == ▾

Reset Create Search

Edit: User

ECMS System User Reference	Name	Is Active	
PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	✓	
User Properties	Groups	Security Role	User Multi Tenancy
User Properties [0]	Groups [0]	Security Role [0]	User Multi Tenancy [1]

Reset Save Cancel



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Users Create/Display

Create / Display : User

ECMS System User Reference == ▾ Name == ▾ Is Active == ▾

Update Date == ▾

Reset Create Search

Edit: User

ECMS System User Reference: PTCB-DMR FRANCISCO GASPAR Name: Francisco Gaspar Is Active: ✓

User Properties: User Properties [0] Groups: Groups [0] Security Role: Security Role [0] User Multi Tenancy: User Multi Tenancy [1]

Reset Save Cancel

List: Properties

10 ▾

Property	User Property Value	Update Date	Updater User Id
No results were found for the search criteria specified			

Create



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

List: Properties

10

Property User Property Value Update Date Updater User Id

No results were found for the search criteria specified

Create

Edit: Group

Property User Property Value

Data Scope

Reset Cancel



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

List: Properties

10

Property User Property Value Update Date Updater User Id

No results were found for the search criteria specified

Create

Edit: Group

Property

Data Scope

User Property Value

Default_31487|PT10|PTCE|

Reset

Cancel

BOTÃO RETROCEDER



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference PTCB-DMR FRANCISCO GASPAR	Name Francisco Gaspar	Is Active ✓
---	--------------------------	----------------

User Properties [0] Groups [0] **Security Role [0]** User Multi Tenancy [1]

Reset Save Cancel

List: Properties

10

Property	User Property Value	Update Date	Updater User Id
Data Scope	Default_31487 PT10 PTCB		

Create



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference PTCB-DMR FRANCISCO GASPAR	Name Francisco Gaspar	Is Active ✓
---	--------------------------	----------------

User Properties: [User Properties \[2\]](#) Groups: [Groups \[0\]](#) Security Role: [Security Role \[0\]](#) User Multi Tenancy: [User Multi Tenancy \[1\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: Assigned Roles

10

Assigned Roles	Update Date	Updater User Id
No results were found for the search criteria specified.		

[Create](#)



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference: PTCB-DMR FRANCISCO GASPAR

Name: Francisco Gaspar

Is Active:

User Properties: [User Properties \[2\]](#)

Groups: [Groups \[0\]](#)

Security Role: [Security Role \[0\]](#)

User Multi Tenancy: [User Multi Tenancy \[1\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: Assigned Roles

10

Assigned Roles	Update Date	Updater User Id
No results were found for the search criteria specified.		

[Create](#)

Edit: Assigned Role

Assigned Roles

[Reset](#) [Cancel](#)



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: Assigned Role

Assigned Roles

Reset

Cancel

- Super Validator
- Validator**
- NCB - A2A OTHER MESSAGE EXECUTION
- ECMS ENTITY - U2A ELA MANAGEMENT READ ONLY - #74
- ECMS ENTITY - U2A BANKING GROUP MANAGER PROCESSES READ ONLY - #75
- ECMS ENTITY - U2A CREDIT CLAIM MANAGEMENT EXECUTION - #76
- ECMS ENTITY - U2A CREDIT CLAIM MANAGEMENT READ ONLY - #77
- ECMS ENTITY - U2A CORPORATE ACTIONS AND TAX MANAGEMENT EXECUTION - #78
- ECMS ENTITY - U2A CORPORATE ACTIONS AND TAX MANAGEMENT READ ONLY - #79
- ECMS ENTITY - U2A STATEMENTS EXECUTION - #80
- ECMS ENTITY - U2A STATEMENTS READ ONLY - #81
- Validator

**BOTÃO
RETROCEDER**



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference: PTCB-DMR FRANCISCO GASPAR

Name: Francisco Gaspar

Is Active:

User Properties: [User Properties \[2\]](#)

Groups: [Groups \[0\]](#)

Security Role: [Security Role \[0\]](#)

User Multi Tenancy: [User Multi Tenancy \[1\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: Assigned Roles

10

Assigned Roles	Update Date	Updater User Id
Validator		
NCB - U2A GENERAL REFERENCE DATA EXECUTION - #13		

[+ Create](#)

REPETIR ATÉ ADICIONAREM
TODOS OS PERFIS PRETENDIDOS



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference: PTCB-DMR FRANCISCO GASPAR
Name: Francisco Gaspar
Is Active:

User Properties:
Groups:
Security Role:
User Multi Tenancy:

List: Assigned Roles

Assigned Roles	Update Date	Creator User Id
Validator		
NCB - U2A GENERAL REFERENCE DATA EXECUTION - #13		

Confirm

Are you sure to save this data?

Success

Saved Successfully

Error

Security Property DN is mandatory.

INFORMAÇÃO EM FALTA



CONFIGURAÇÃO DE ACESSOS

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Create / Display : User

ECMS System User Reference == Name == Is Active == Update Date ==

Reset Create Search

View : User History

ECMS System User Reference: PTCB-DMR FRANCISCO GASPAR Is Active: Yes Name: Francisco Gaspar

Security Role: Security Role [2] User Properties: User Properties [3] Groups: Groups [0]

Validation Details

Action To Validate	Rejected
	No

FootPrint

Updater User Id	Update Date
PTCB-MG-ADMIN	12/12/2022 20:46:43:798
Creation User Id	Creation Date
PTCB-MG-ADMIN	12/12/2022 20:46:43:798

TIMESTAMP E REFERÊNCIA DOS UTILIZADORES QUE CRIAM E EDITAM O REGISTO



CONFIGURAÇÃO DE ACESSOS

NOVO SLIDE

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > DN By User Configuration

DN By User configuration

Search : DN By User

User Id == Dn ==

Reset Create Search

Latest Searches

Date	Criteria
------	----------

Stored Searches

You have no stored search.
To start customizing, launch a search and use the "Favorite" button to start your first search.



**NOVO ECRÃ PARA ASSOCIAÇÃO DO DN AO UTILIZADOR.
PASSA A SER POSSÍVEL QUE UM UTILIZADOR TENHA MAIS DO QUE UM DN.**



CONFIGURAÇÃO DE ACESSOS

NOVO SLIDE

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > DN By User Configuration

DN By User configuration

Search : DN By User

User Id == Dn ==

Reset Create Search

Edit : DN By User

User Id Dn

Reset Save Cancel

PROCURAR O UTILIZADOR



CONFIGURAÇÃO DE ACESSOS

NOVO SLIDE

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > DN By User Configuration

DN By User configuration

Search : DN By User

User Id == Dn ==

Reset Create Search

Edit : DN By User

User Id PTCB-DMR-MONICAGOMES Dn

INSERIR O DN MANUALMENTE

Reset Save Cancel



**ATENÇÃO AO FORMATO
(ANEXO IV)**



CONFIGURAÇÃO DE ACESSOS

NOVO SLIDE

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > DN By User Configuration

DN By User configuration

Search : DN By User

User Id == Dn ==

Reset Create Search

Edit : DN By User

User Id	Dn
PTCB-DMR-MONICAGOMES	CN=etu210,OU=t2sgui,O=bgalpttg,O=swift

Reset Save Cancel



CONFIGURAÇÃO DE ACESSOS

NOVO SLIDE

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > DN By User Configuration

DN By User configuration

Search : DN By User

User Id == Dn ==

Reset Create Search

Edit : DN By User

User Id
PTCB-DMR-MONICAGOMES

Reset Save Cancel

Confirm

Are you sure to save this data?

Yes No

Success

Saved successfully.

OK



CONFIGURAÇÃO DE ACESSOS

NOVO SLIDE

CRIAR UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > DN By User Configuration

DN By User configuration

Search : DN By User

User Id == ▾ PTCB-DMR-MONICAGOMES ▾ Dn == ▾

Reset Create Search

List : DN By User

10

User Id	Dn	Is Active	Action To Validate	Rejected	Updater User Id	Update Date
PTCB-DMR-MONICAGOMES	CN=etu210, OU=t2sgui, O=bgalpttg, O=swift	Yes		No	ESOTADMIN-2	27/03/2023 16:06:20:285



CONFIGURAÇÃO DE ACESSOS

SLIDE ATUALIZADO

CRIAR UM UTILIZADOR

CRITÉRIOS MÍNIMOS PARA CRIAR UM UTILIZADOR

View : User

ECMS System User Reference
PTCB-DMR FRANCISCO GASPAR

Is Active
Yes

Name
Francisco Gaspar

Security Role
Security Role [2]

User Properties
User Properties [3]

Groups
Groups [0]

1 PERFIL

2 PROPRIEDADES:
CÓDIGO SEGREGAÇÃO E DN

List : DN By User

10

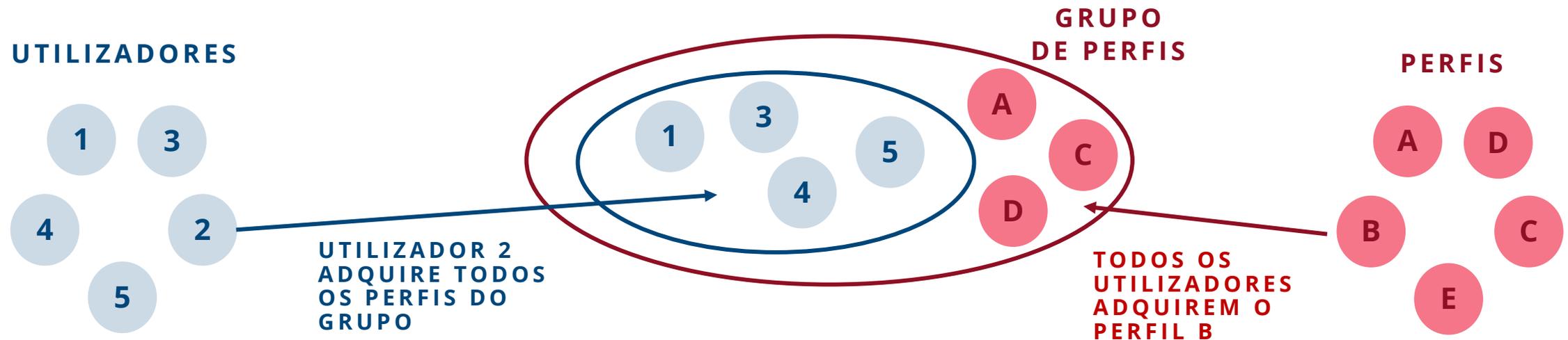
User Id	Dn	Is Active	Action To...	Rejected	Updater ...	Update D...
PTCB-DMR-MONICAGOM...	CN=etu210, OU=t2sgui, O=bgalpttg, O=swift	Yes		No	ESOTADM...	27/03/20...



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

- O ECMS permite criar grupos de perfis permitindo agregar utilizadores com a mesma função de negócio;
- Qualquer alteração na composição do grupo de perfis, se reflete em todos os utilizadores assignados ao grupo;
- É possível atribuir perfis individuais a utilizadores que pertençam a um grupo de perfis.





CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Group

Create / Display : Group

Group Id == Group Name == Update Date ==

Reset Create Search

Edit : Group

Group Id Group Name

CAMPOS OBRIGATÓRIOS

Assigned Roles Assigned Roles [0]

Assigned Users Assigned Users [0]

Group Properties Group Properties [0]

Reset Save Cancel



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id: PTCB-DRMOP-OPERATOR Group Name: DMROP Operator

Assigned Roles: **Assigned Roles [0]** Group Properties: **Group Properties [0]**

Assigned Users: **Assigned Users [0]**

[Reset](#) [Save](#) [Cancel](#)

List: Security Role

10

Assigned Roles	Update Date	Updater User Id
No results were found for the search criteria specified		

[Create](#)

Edit: Assigned Role

Assigned Roles

[Reset](#) [Cancel](#)



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id: PTCB-DRMOP-OPERATOR Group Name: DMROP Operator

Assigned Roles: [Assigned Roles \[0\]](#) Group Properties: [Group Properties \[0\]](#)

Assigned Users: [Assigned Users \[0\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: Security Role

10 3

Assigned Roles	Update Date	Updater User Id
Validator		
NCB - U2A GENERAL REFERENCE DATA EXECUTION - #13		
NCB - U2A OPEN MARKET OPERATIONS EXECUTION - #27		

[Create](#)



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id: PTCB-DRMOP-OPERATOR Group Name: DMROP Operator

Assigned Roles: [Assigned Roles \[3\]](#)

Assigned Users: [Assigned Users \[0\]](#)

[Group Properties](#) [Group Properties \[0\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: User Properties

10

Property	Group Property Value	Update Date	Updater User Id
No results were found for the search criteria specified			

[Create](#)

Edit: User Properties

Property: SegregationConfig Group Property Value: Default_11|PT1

FootPrint

[Reset](#) [Cancel](#)



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id: PTCB-DRMOP-OPERATOR Group Name: DMROP Operator

Assigned Roles: [Assigned Roles \[3\]](#) Group Properties: [Group Properties \[0\]](#)

Assigned Users: [Assigned Users \[0\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: User Properties

10

Property	Group Property Value	Update Date	Updater User Id
SegregationConfig	Default_11 PT1		

[Create](#)

NESTE MOMENTO PODEMOS GRAVAR A INFORMAÇÃO E TER UM GRUPO SOMENTE DE PERFIS



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id: PTCB-DRMOP-OPERATOR
Group Name: DMROP Operator

Assigned Roles: Assigned Roles [3]
Assigned Users: Assigned Users [0]
Group Properties: Group Properties [1]

Reset Save Cancel

List: Assigned Users

10

ECMS System User Reference	Name	Is Active	Update Date	Updater User Id
No results were found for the search criteria specified				

Create

Create / Display : User

ECMS System User Reference: ==
Name: ==
Update Date: ==

Is Active: ==

Reset

PROCURAR UTILIZADORES EXISTENTES

CRIAR NOVO UTILIZADOR

Create Search



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Create / Display : User

ECMS System User Reference == ▾ Name == ▾ Is Active == ▾

Update Date == ▾

Reset Create Search

Search Result : User

10

	ECMS System User Reference	Name	Is Active
<input type="checkbox"/>	PT-CCCAM-CPTYADMIN	PT-CCCAM-CPTYADMIN	Yes
<input type="checkbox"/>	PTBGALPTTGXXXAPLSLIM	PTBGALPTTGXXXAPLSLIM	Yes
<input type="checkbox"/>	PTCB-DMR CARLA MARQUES	Carla Marques	Yes
<input type="checkbox"/>	PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes
<input type="checkbox"/>	PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	Yes
<input type="checkbox"/>	PTCB-DMR SARA CALADO	Sara Calado	Yes
<input type="checkbox"/>	PTCB-MG-ADMIN	Monica Gomes	Yes



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Create / Display : User

ECMS System User Reference == ▾ Name == ▾ Is Active == ▾

Update Date == ▾

Reset Create Search

Search Result : User

10

<input type="checkbox"/>	ECMS System User Reference	Name	Is Active
<input type="checkbox"/>	PT-CCCAM-CPTYADMIN	PT-CCCAM-CPTYADMIN	Yes
<input type="checkbox"/>	PTBGALPTTGXXXAPLSLIM	PTBGALPTTGXXXAPLSLIM	Yes
<input checked="" type="checkbox"/>	PTCB-DMR CARLA MARQUES	Carla Marques	Yes
<input checked="" type="checkbox"/>	PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes
<input checked="" type="checkbox"/>	PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	Yes
<input checked="" type="checkbox"/>	PTCB-DMR SARA CALADO	Sara Calado	Yes
<input type="checkbox"/>	PTCB-MG-ADMIN	Monica Gomes	Yes

Delete Edit View

USAR A SELEÇÃO DE UTILIZADORES



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

Edit : Group

Group Id: PTCB-DRMOP-OPERATOR Group Name: DMROP Operator

Assigned Roles: [Assigned Roles \[3\]](#) Group Properties: [Group Properties \[1\]](#)

Assigned Users: [Assigned Users \[0\]](#)

[Reset](#) [Save](#) [Cancel](#)

List: Assigned Users

10

ECMS System User Reference	Name	Is Active	Update Date	Updater User Id
PTCB-DMR CARLA MARQUES	Carla Marques	Yes	07/12/2022 22:01:32:360	PTCB-MG-ADMIN
PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes	09/12/2022 10:19:50:224	PTCB-MG-ADMIN
PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	Yes	12/12/2022 20:46:43:798	PTCB-MG-ADMIN
PTCB-DMR SARA CALADO	Sara Calado	Yes	07/12/2022 21:53:22:204	PTCB-MG-ADMIN

[Create](#)



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

List: Assigned Users

ECMS System User Reference	Name	Is Active	Update Date	Updater User Id
PTCB-DMR CARLA MARQUES	Carla Marques	Yes	07/12/2022 22:01:32:360	PTCB-MG-ADMIN
PTCB-DMR CATHERINE LEMOS	Catherine Lemos	Yes	09/12/2022 10:19:50:224	PTCB-MG-ADMIN
PTCB-DMR FRANCISCO GASPAR	Francisco Gaspar	Yes	12/12/2022 20:46:43:798	PTCB-MG-ADMIN
PTCB-DMR SARA CALADO	Sara Calado	Yes	07/12/2022 21:53:22:204	PTCB-MG-ADMIN

Create / Display : User

ECMS System User Reference == Name == Is Active == Update Date ==

Reset Create Search

Edit: User

ECMS System User Reference Name Is Active ✓

User Properties Groups Security Role User Multi Tenancy

User Properties [0] Groups [0] Security Role [0] User Multi Tenancy [1]

Reset Save Cancel

SEGUIR OS PASSOS DE CRIAÇÃO DE UTILIZADOR



CONFIGURAÇÃO DE ACESSOS

CONFIGURAR UM GRUPO DE PERFIS

Módulo Reference Data > Access Rights Reference Data > Group

The screenshot displays the 'Group' configuration interface. At the top, there are search filters for 'Group Id', 'Group Name', and 'Update Date', along with 'Reset', 'Create', and 'Search' buttons. Below the filters, a table shows the search results. The table has columns for 'Group Id', 'Group Name', and 'Action To Validate'. The first row contains the values 'PTCB-DMROP-OPERATOR' and 'DMROP Operator'. A red box highlights the 'Action To Validate' column header, and a red arrow points from this box to the text 'UTILIZADOR COM PERFIL 2 OLHOS, CRIAÇÃO FINAL'.

Group Id	Group Name	Action To Validate
PTCB-DMROP-OPERATOR	DMROP Operator	

UTILIZADOR COM PERFIL 2 OLHOS,
CRIAÇÃO FINAL



CONFIGURAÇÃO DE ACESSOS

ATRIBUIR UM GRUPO DE PERFIS A UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Create / Display : User

ECMS System User Reference: PTCB-DMR VITORIA AFONSO
Name: Vitoria Afonso
Is Active:
Update Date:

Reset Create Search

Edit: User

ECMS System User Reference: PTCB-DMR VITORIA AFONSO
Name: Vitoria Afonso
Is Active:

User Properties: User Properties [0]
Groups: Groups [0]
Security Role: Security Role [0]
User Multi Tenancy: User Multi Tenancy [1]

Reset Save Cancel

List: User Properties

Property	Group Property Value	Update Date	Updater User Id
SegregationConfig	Default_11 PT1		
DN	CN=bpu063762, OU=t2sgui, O=bgalpttg, O=swift		

Create



CONFIGURAÇÃO DE ACESSOS

ATRIBUIR UM GRUPO DE PERFIS A UM UTILIZADOR

Módulo Reference Data > Access Rights Reference Data > Users Create/Display

Edit: User

ECMS System User Reference PTCB-DMR VITORIA AFONSO	Name Vitoria Afonso	Is Active ✓
---	------------------------	----------------

User Properties [2] Groups [0] Security Role [1] User Multi Tenancy [1]

Reset Save Cancel

List: Group

10

Security Group	Update Date	Updater User Id
No results were found for the search criteria specified		

Create

Edit: Group

Security Group
PTCB-DMROP-OPERATOR

LISTA DE GRUPOS ASSOCIADOS À INSTITUIÇÃO

Reset Cancel



CONFIGURAÇÃO DE ACESSOS

DEMONSTRAÇÃO ECMS

target SERVICES

Welcome ETU210 | 2022-12-13 15:02
Stage: EAC | Version 1.0.4 | Go Sign Client: [SU](#) [MU](#)

Services List

Choose an Application and your System User Reference

Choose a Service

T2 T25 TIPS ECMS

Choose Component or Application

ECMS

Choose a System User 

Search for user...

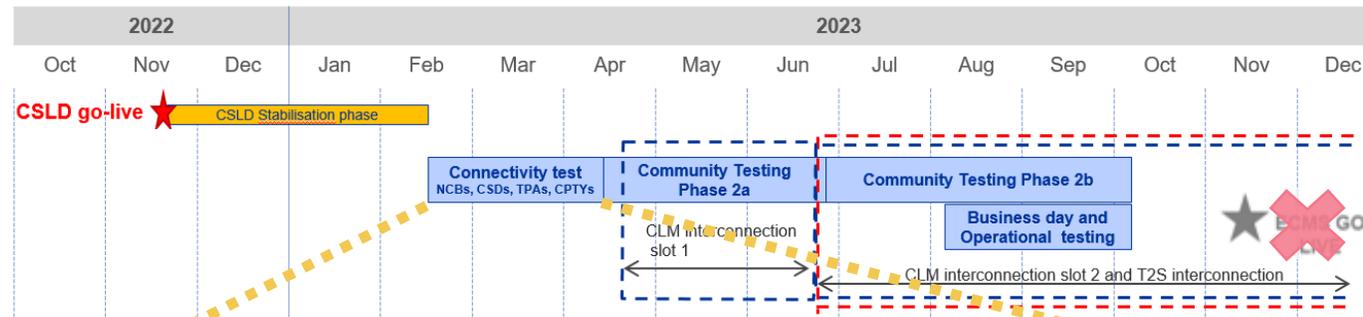
ECMS ACCESS

Submit



TESTE DE CONECTIVIDADE

CRONOLOGIA DA FASE DE TESTES



Plano de projeto em revisão!

Configurações BdP:

- Dados referência contrapartes
- Contas
- Pools

Contrapartes:

- U2A - Utilizador Administrador acede à página de entrada do ECMS
- A2A - Utilizador A2A envia mensagem e recebe admi.007

Contrapartes:

- Criação de utilizadores
- Verificação de dados

FEV.
2023

20/02

MAR.

20/03
PRÉ-MIGRAÇÃO

ABR.

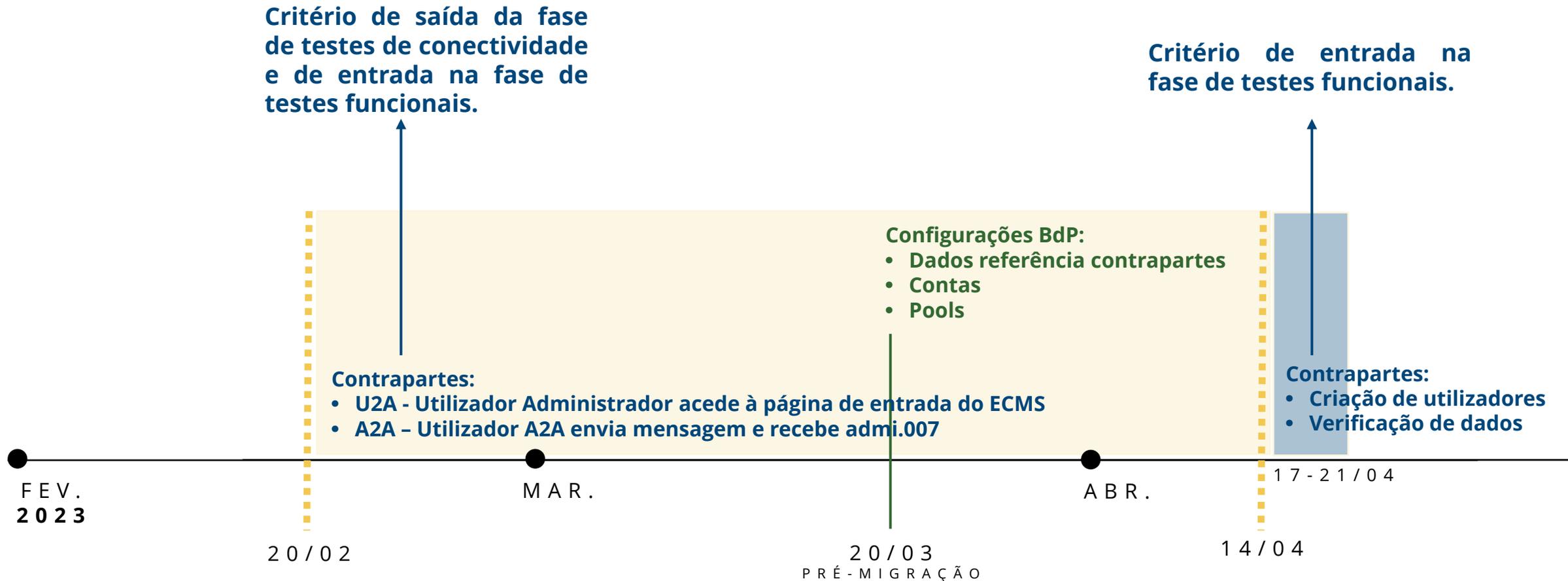
14/04

17-21/04



TESTE DE CONECTIVIDADE

CRONOLOGIA DA FASE DE TESTES





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+351 213 130 392 - Carla Marques



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LIGAÇÕES E DOCUMENTAÇÃO

BCE:

[Home > Payments & Markets > TARGET services > ECMS > For professional use](#)

[Home > Payments & Markets > TARGET services > Shared features > For professional use](#)



SWIFT (e-Ordering):

[Home > mySwift > Ordering > Order products and services > Eurosystem Single Market Infrastructure Gateway \(ESMIG\)](#)

ESMIG Pré-Produção/UTEST:

<https://esmig-cert-portal.emip.swiftnet.sipn.swift.com>



[ESMIG U2A Qualified Configurations v1.3.4](#)

[TARGET Services Connectivity Guide v2.0](#)

[T2CRDM Configuration Guide for Payment Banks](#)

[Explainer on authentication and authorisation of instructions in the ECMS](#)

[Business rules in the ECMS](#)

[U2A and A2A roles in the ECMS](#)

[Strategy for ECMS migration and testing](#)

[ECMS user testing - terms of reference for pre-production environment](#)



ANEXOS



ANEXO I – OPERADORES DE PESQUISA

Operator	Description
==	Equal to
!=	Different from
“	Field is null (empty)
!”	Field is not null (not empty)
>	Superior to
<	Inferior to
>=	Superior or equal to
<=	Inferior or equal to
[]	Between two values e.g. [1000;2000]
()	In a list of values separated by ;
!()	Not in the list of values separated by ;
~	Looks like the text, using % to replace any character
^	Text starts with

FONTE: ECMS USER HANDBOOK V1.1



ANEXO II – ÍCONES MAIS FREQUENTES

Icon	Description
	This icon enables you to go to the previous screen.
	This icon enables you to minimize the screen.
	This icon enables you to maximize the screen.
	This icon shows the number of records displayed in the list. Maximum size results recovered by the application is 10.000 records.
	This icon enables you to export the results to an Excel file.
	This icon enables you to export the results in different formats (pdf, csv and xml)
	This icon enables you to filter the results.
	This icon enables you to delete the record selected.
	This icon enables you to save the current search. When you click on the Star Icon in Search Screen you have the possibility of saving current search or to select a previous saved search.
	This icon enables you to refresh the current search.
	This icon enables you to save the reason to deactivate the Reference Data element
	This icon enables you to edit the selected record
	This icon enables you to select a date from a calendar.
	This icon enables you to search for data from a selection screen

FONTE: ECMS USER HANDBOOK V1.1



ANEXO III – CARACTERES ACEITES

Character	Description
a-z	26 small characters of the Latin alphabet
A-Z	26 capital characters of the Latin alphabet
0-9	10 numeric characters
-	Hyphen
:	Colon
(Opening Parenthesis
)	Closing Parenthesis
.	Full Stop
,	Comma
'	Apostrophe
	Space (blank)

FONTE: ECMS USER HANDBOOK V1.1



ANEXO IV – FORMATO DO DN NA CRIAÇÃO DE UTILIZADORES

1.1 Examples allowing access to ECMS via SWIFT

	Notation in Swift interface software (SAG/SNL/SAA/ Alliance Cloud)	Notation in CRDM
DN for (A2A)	<u>Example 1:</u> cn=p23,ou=a2a,ou=t2,ou=prod,o=ecbfdeff,o=swift <u>Example 2:</u> cn=t2prod,o=ecbfdeff,o=swift	<u>Example 1:</u> CN=p23_OU=a2a,OU=t2,OU=prod,O=ecbfdeff,O=swift <u>Example 2:</u> CN=t2prod,O=ecbfdeff,O=swift
DN for (U2A)	cn=john-smith,ou=t2prd,o=ecbfdeff,o=swift	CN=john-smith,OU=t2prd,O=ecbfdeff,O=swift
DN for (PTA)	cn=xts3,ou=t2,ecbfdeff,o=swift	cn=xts3,ou=t2,ecbfdeff,o=swift

1.2 Examples allowing access to ECMS via SIANet (Nexi-Colt)

	Notation in SIANet	Notation in CRDM
DN for (A2A)	CN=bls,OU=A2A,O=12431,DC=sianet,DC=sia,DC=eu	CN=bls,OU=A2A,O=12431,DC=sianet,DC=sia,DC=eu
DN for (U2A)	CN=John Smith,OU=U2A,O=12431,DC=sianet,DC=sia,DC=eu	CN=John Smith,OU=U2A,O=12431,DC=sianet,DC=sia,DC=eu
DN for (PTA)	cn=application,ou=prod,o=12431,dc=sianet,dc=sia,dc=eu	cn=application,ou=prod,o=12431,dc=sianet,dc=sia,dc=eu