EUROPEAN COMMISSION

DIRECTORATE-GENERAL INFORMATICS

User Guide CIPA Administration Console

Open e-TrustEx

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1. BASIC DEFINITION AND ACRONYMS

Term	Description
Party	A **Party** is usually an organisation using the platform in the context of a particular Profile to exchange business documents.
Identifier	A **Party** has one or more **Identifier**s that uniquely distinguish a Party in a particular context.
Credentials	The Party **Credentials** entity contains the information used by the system to identify and authenticate a Party.
Party Agreement	A **Party Agreement** is the arrangement between two parties, which specifies that a Party can act on behalf of another Party.
Role	Within each Profile, Roles are defined. A **Role** contains the information about the job function or title which is associated with expected behaviour or responsibilities.
Party Role	A Party will be assigned to a Role in the context of a Profile.
Profile	A **Profile** is the entity that captures the aspects of business collaboration. A profile includes the following key aspects: • **Role**: The role a Party has in the context of the Profile (e.g. Supplier) • **Document**: The document type exchanged in the context of the Profile (e.g. Invoice) • **Transaction**: The combination (Role1, Document1, Role2), which has the following connotation: Role1 sends Document1 to Role2.
Transaction	The **Transaction** describes one possible information exchange scenario. This would include the roles involved in the information exchange and the type of document.
Document	The **Document** entity contains information about the business document exchanged.
ICA	In order to enable communication between two parties, a logical communication channel, called I**nterchangeAgreement** (**ICA**), must be created. The interchange agreement is created by linking to a specific Profile, Parties via the Role included in the Profile.
CIPA	Common Infrastructure for Public Administrations.
CIPADMIN	CIPA AdminConsole.
ADM	A user having **General Administrator** role. The General Administrator is the Administrator of the CIPAdmin application.
CBO	A user having **Central Business Owner** role. The Central Business Owner is responsible for the organization and operation of a business domain and uses CIPA in his business context.
LBO	A user having **Local Business Owner** role. The Local Business Owner is the collaboration partner of the Business Owner in the

	given business context.
SUP	A user having Support role. The **Support** user can search and visualize data pertaining to the business domain he / she is authorized for.
ECAS	European Commission Authentication Service
GS1	http://www.gs1.org/
GLN	Global Location Number
VAT	Value-Added Tax
JMS	Java Message Service
AMQP	Advanced Message Queuing Protocol

2. Introduction

The Common Infrastructure for Public Administrations (CIPA) is an action of EU's ISA Programme which promotes the reuse of infrastructure tools, along with underlying open specifications to support cross-border and cross-sectoral interoperability between European Public Administrations.

Infrastructure tools are highly reusable reference platforms (such as e-TrustEx to facilitate data exchange) and software components (such as the Service Metadata Publisher and Locator for registering digital services and making them accessible on the web).

The reuse of a common set of infrastructure tools by Pan-European initiatives will help Public Administrations to build well-defined and interoperable interfaces in the EU Member States. This will greatly simplify, streamline and accelerate the deployment of cross-border e-services for any sector.

CIPAdmin Console is a tool that facilitates the configurability of e-Trustex, a reusable reference platform.

3. General Considerations

You can find here a list of general considerations to take into account while using the application. They are presented by category in the following subsections.

3.1. Creation and Modification Considerations

Please see here below a list of general considerations to take into account when creating any type of configuration via the administration console:

- Mandatory fields are marked in red and followed by a star (e.g. Party name *).

- Leading and trailing spaces are trimmed before saving any configuration (does not apply to password fields).
- Checking for unicity is done case insensitive.
- You can always go back to the previous screen by using Cancel button.
- Creation only: You can always clear all fields on screen by using Clear button.
- Modification only: You can always load the original field values by using Reset button.
- Saving is always done by using Save button.

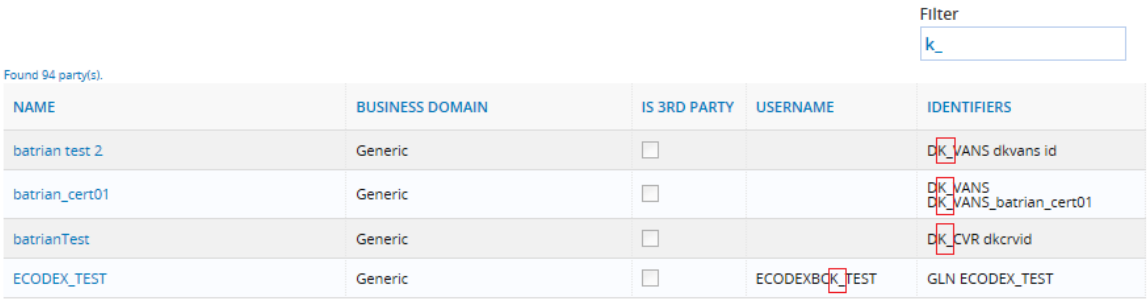
3.2. Search Considerations

Please see here below a list of general considerations to take into account when searching any type of configuration via the administration console:

- Search page is structured in two sections:
  - the Search Criteria section where the search criterion are filled in by the user
  - the Search Results section where the results are displayed
- Search Criteria considerations
  - At least one search field needs to be filled in.
  - When more than one criterion is filled in, the application will search for all records that satisfy all filled in search criterions.
  - When filling in text input fields, you need to specify at least two characters.
  - It is case insensitive.
  - It does not take into account the leading and trailing spaces.
  - Partial match for the text input fields is supported.
  - You can clear all criterions on screen by using Clear button.
  - Search is always executed by using Search button.
- Search Results considerations
  - Search result elements are interactive, meaning that by clicking on a result line you can either visualise its details (if accessed via the main menu, so it is the case of search main screens), or return the details to a parent screen (if accessed via a button in another screen, so it is the case of secondary screens or popups).
  - Above the search result list, you can see
    - At the left, the number of records found (e.g. Found 3 party(s).)
    - At the right, a filter that will allow you to show even more precise results (e.g. Filter). If any of the cells in a line

contain the text in the filter, then that line will be displayed, otherwise it will be hidden to the view (Figure 1 - Search filter). The filter is case insensitive, works with partial match, and does not trim spaces.

Figure 1 - Search filter



3.3. Visualisation Considerations

Please see here below a list of general considerations to take into account when visualising any type of configuration via the administration console:

- All fields are read-only.
- You can navigate to the modification screen by using Edit button.
- You can delete the record by using Delete button.
- You can go back to previous screen by using Cancel button.

3.4. Deletion Considerations

Please see here below a list of general considerations to take into account when deleting any type of configuration via the administration console:

- The deletion is always preceded by a confirmation request.

4. Contact Section

The Digit CIPA Support team (DIGIT-CIPA-SUPPORT@ec.europa.eu) is always available for any kind of issues or questions regarding the use of CIPAdmin Console.

5. User Role

CIPAdmin supports currently four user roles based on which the user is allowed to access specific features. These user roles and the features they give access to will be described in the next sub sections.

5.1. General Administrator (aka ADM)

The General Administrator is the Administrator of the CIPAdmin application. A user having ADM role has full access on all CIPAdmin features.

The General Administrator role requires the user to possess an advanced understanding of the System and will only be granted to a member of the CIPA team for the internal version.

5.2. Central Business Owner (aka CBO)

The Central Business Owner is responsible for the organization and operation of a business and uses CIPA in his business context.

Users having CBO role are able to perform the following actions:

- Manage parties and their associated certificates and credentials
- Manage party agreements to delegate responsibilities
- Manage interchange agreements (aka ICA), having also the possibility to create a batch of interchange agreements
- Manage users for their business domain and change their own password (password change feature available only for the open source version)
- Manage different types of routing endpoints for message dispatching (JMS, web services or AMQP endpoints)

5.3. Local Business Owner (aka LBO)

The Local Business Owner is the collaboration partner of the Central Business Owner in the given business context and he/she can represent a limited number of parties.

Local Business Owners are able to perform the following actions:

- Manage parties and their associated certificates (the modification and deletion of a party are only allowed if the concerned party has been created by a user having LBO role)
- Manage interchange agreements that involve the party they represent (the modification and deletion of an interchange agreement are only allowed if the concerned interchange agreement has been created by a user having LBO role)
- Change their own password (feature available only for the open source version)

5.4. Support (aka SUP)

The Support user is the point of contact for CIPAdmin user requests and is the first that can investigate.

The application supports global Support role which is authorized for all business domains and this will only be granted to a member of the CIPA team for the internal version, as well as business specific Support role which is authorized only for a specific business domain.

The Support user is able to access the following features:

- Support specific features:
    - Inspect CIPAdmin and eTrustEx logs
    - Inspect Messages
- Search and Visualization on all other features
- Change their own password (feature available only for the open source version)

6. LOGIN INTO THE APPLICATION

6.1. Internal version

6.1.1. Account

Accessing the application implies that the following conditions are met:

1. You have an ECAS account
2. Your ECAS account is configured with the proper access rights

If you do not have an ECAS account, you need to contact the European Commission Helpdesk, as this is out of the administration console scope.

If you do have an ECAS account, but your ECAS user is not configured in CIPAdmin application, you need to send a request specifying the concerned business domain and desired access rights to the CIPA support team (for more information on how to contact the support team, please see 4 Contact Section).

6.1.2. Environments

The application can be accessed in the following environments

- ***PRODUCTION***
  http://wetrust1p.cc.cec.eu.int:1043/etrustex-admin-web/
- ***ACCEPTANCE***
  http://wladig05.cc.cec.eu.int:1043/etrustex-admin-web/
- ***TEST***
  http://wltdig07.cc.cec.eu.int:1045/etrustex-admin-web/

6.1.3. Login

To access the application:

1. Go to the link specific to the desired environment (see section 6.1.2 Environments)
2. Enter your ECAS username and password and click Login (Figure 2 - ECAS Login)
3. The application home page will be displayed (See Figure 3 – Internal CIPAdmin Home Page**Error! Reference source not found.**)

Figure 2 - ECAS Login

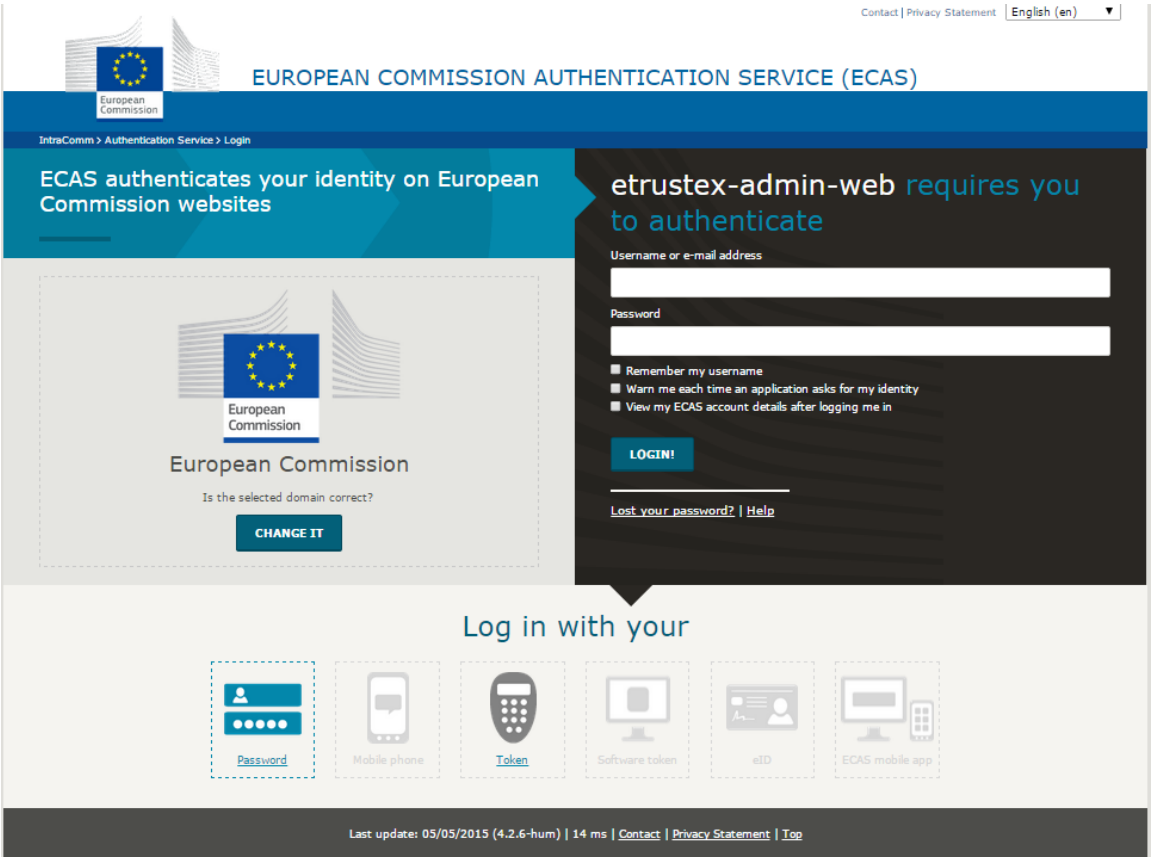
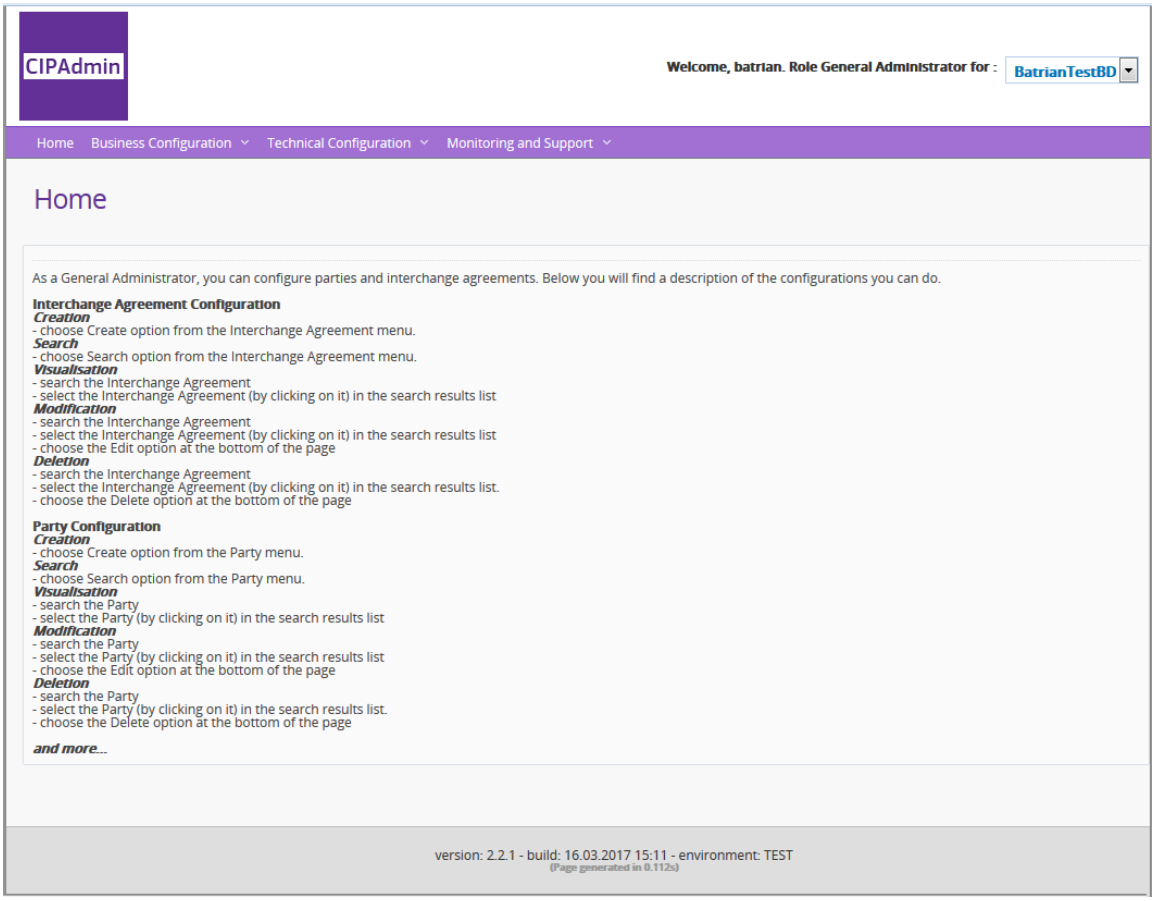


Figure 3 – Internal CIPAdmin Home Page



6.1.4. Logout

You can use the application as long as you are logged in to ECAS. No specific logout option is available.

6.2. Open source version

6.2.1. Account

Accessing the application implies that you have an account configured with the proper access rights.

If you need help creating an account, please refer to section 8.5.1 **CREATING A USER**.

6.2.2. Environments

Being open source you will manage the installation and the environments dedicated to the application.

6.2.3. Login

To access the application:

1. Access the application link specific to your installation
2. Enter your username and password and click Login (Figure 4 – Application Login)
3. The application home page will be displayed (See Figure 5 - Open CIPAdmin Home page**Error! Reference source not found.**)

Figure 4 – Application Login

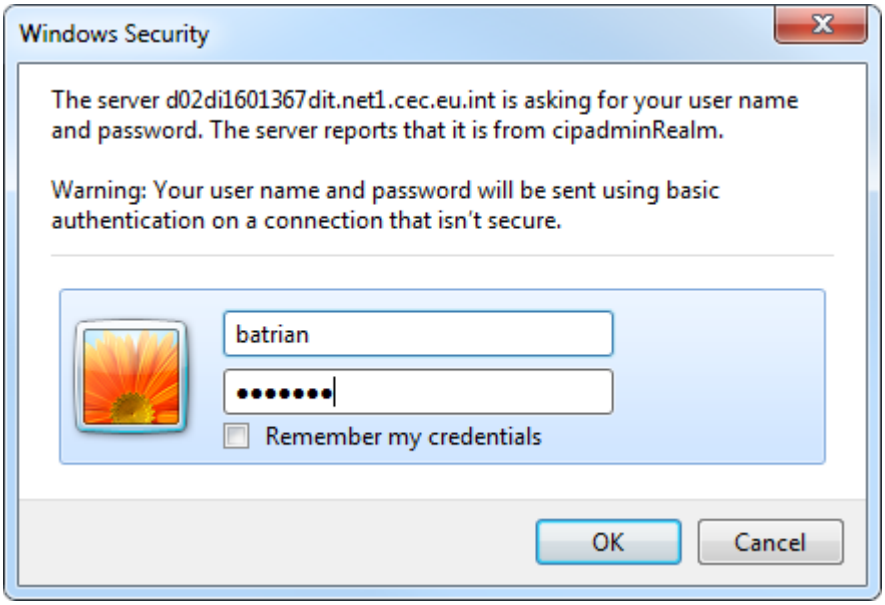
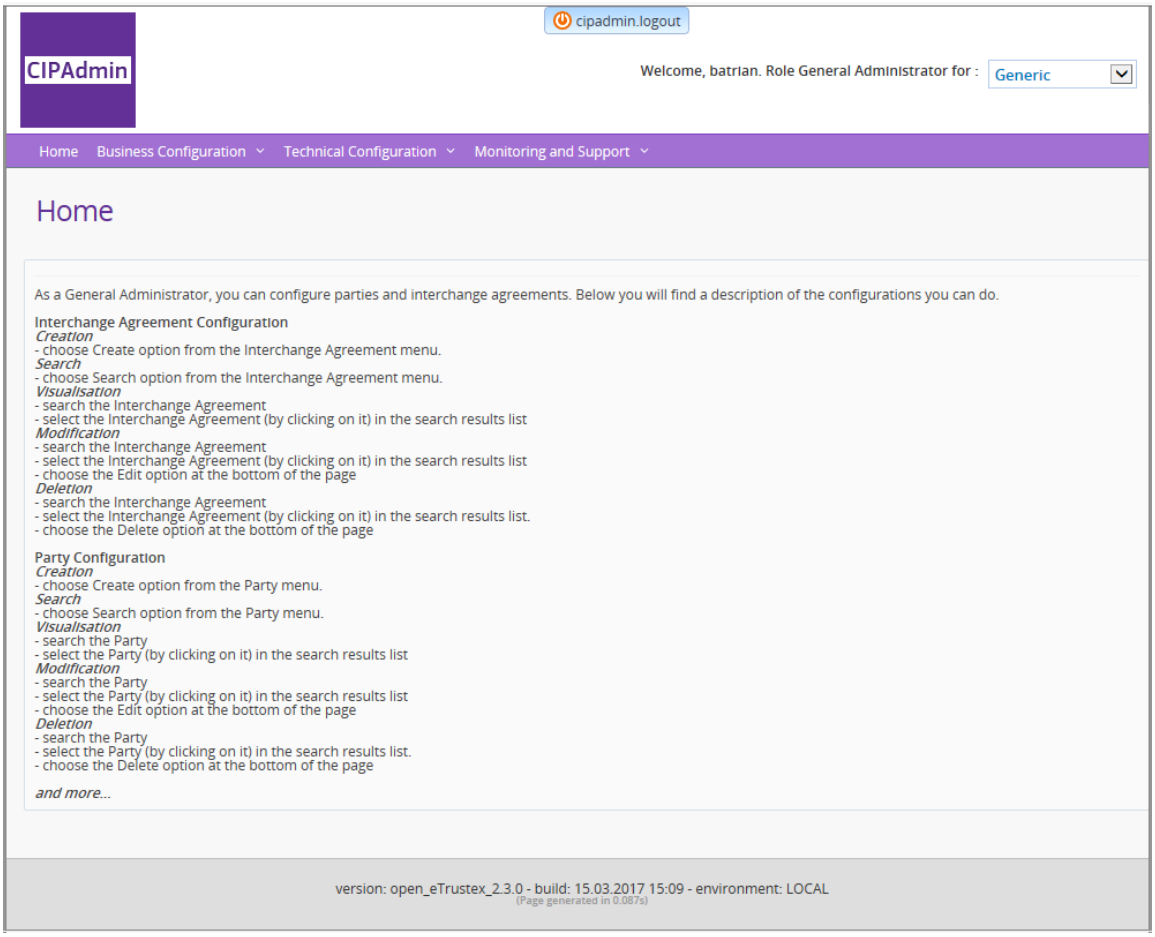


Figure 5 - Open CIPAdmin Home page



6.2.4. Logout

You can logout from the application by using logout button located in top center of each page.

7. Home Page

In the top right corner of the page you will find your username and your user role for the selected business domain. The selected business domain is the first business domain in alphabetical order from the business domains you have access to (e.g. Welcome, batrian. Role General Administrator for : Generic). This information is available from any page.

You can switch from one business domain to another at any time, no matter the page you are in, but keep in mind that this action will take you to the home page, so any data you might have filled in will be lost.

The version of the application, the date and time of the build, as well as the environment can be seen at the bottom of the page. This information is displayed on all the pages (e.g. version: open_eTrustex_2.3.0 - build: 15.03.2017 15:09 - environment: LOCAL).

8. Business Configurations

8.1. Parties

A **Party** is usually an organisation using the platform in the context of a particular Profile to exchange business documents.

The following sub sections describe all the party operations provided by the administration console to the user.

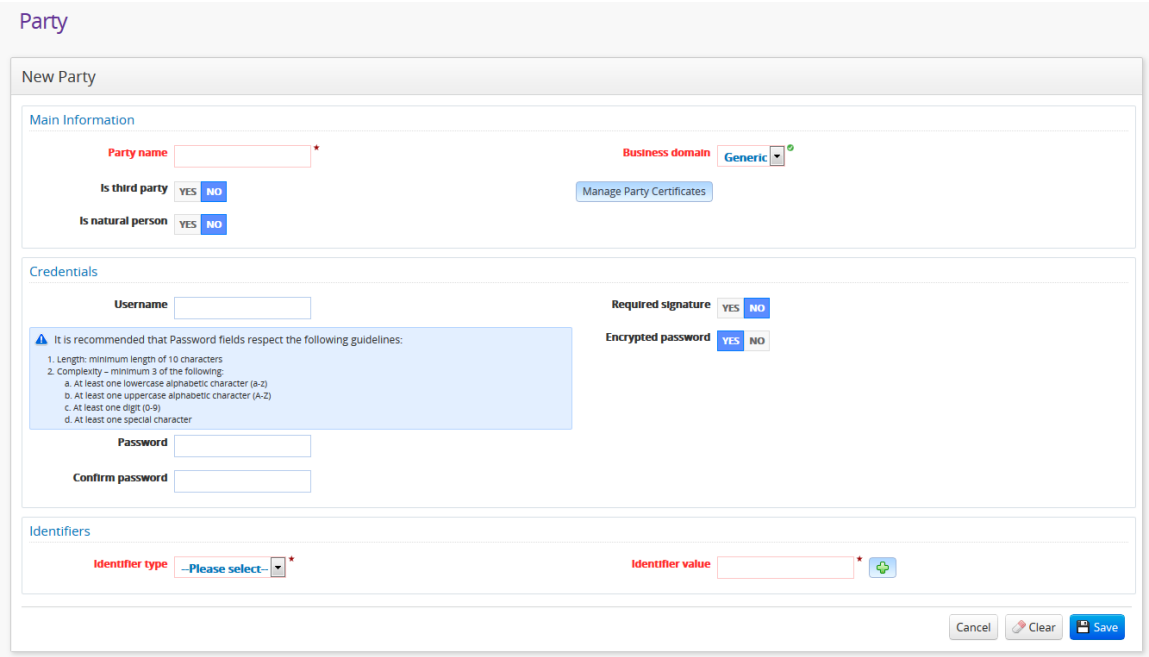
8.1.1. Creating a Party

To create a party:

1. Navigate the menu: **Business Configuration** > **Party** > **Create**
2. The creation screen will be displayed as in Figure 6.
3. Fill in the desired information
4. Click Save button to save the data

You can also create a party by using New... button while creating an Interchange Agreement (see sections 8.2.1 Creating an Interchange Agreement and 8.2.2 Create Multiple Interchange Agreements at once).

Figure 6 - Party Creation Page



Please see section 3.1 for common creation considerations.

Below you can find some specific party information and the way it is handled.

8.1.1.1. Third Party

A third party is a party that can be delegated by another party to act in its behalf by means of a party agreement. That means that a third party can connect to e-TrustEx web services and exchange documents on behalf of the party that empowered it. That is why a third party must always have credentials specified in order to be able to access

eTrustEx web services. For managing party agreements, see section 8.3 PARTY AGREEMENTS.

Click YES radio button next to Is third party YES NO field, if you want the party to be a third party.

E.g. A sender party can use a system to send messages. This system can be defined as a third party in eTrustEx and be delegated a set of transactions by the sender.

8.1.1.2. Certificates

Party certificates are used for encryption purposes and have a maximum allowed size of 100k. The application only supports configuration of encryption certificates for the moment (X509 certificates), other usages could be added in future releases.

A party can have many certificates, but only one certificate per usage can be active at a given time.

The certificates of a party can be managed (added, activated or inactivated, revoked or deleted) via the Manage Party Certificates button that will open the certificates screen as in Figure 7 - Party Certificates Popup.

8.1.1.2.1. Uploading a certificate

1. Click button next to the Certificate selection field
2. A system search window opens
3. Browse to the folder where the certificate is located
4. Select the certificate and click Open button
5. The system window closes and you can see now the certificate name: Certificate selection etrustexcer.crt
6. Check the default values for certificate usage, activation and revocation state and change if necessary
7. Click Import button
8. The certificate will now be processed and then displayed in the certificate list.

8.1.1.2.2. Activating, inactivating or revoking a certificate

1. In the certificate list, click button of the certificate to modify
2. The certificate modification screen is displayed (Figure 8 - Certificate Modification Popup)
3. Do the necessary modifications and click OK button (certificate serial number cannot be modified)

8.1.1.2.3. Deleting a certificate

1. In the certificate list, click button of the certificate to delete
2. Confirm the deletion (Figure 9 - Certificate Deletion Confirmation)

Figure 7 - Party Certificates Popup

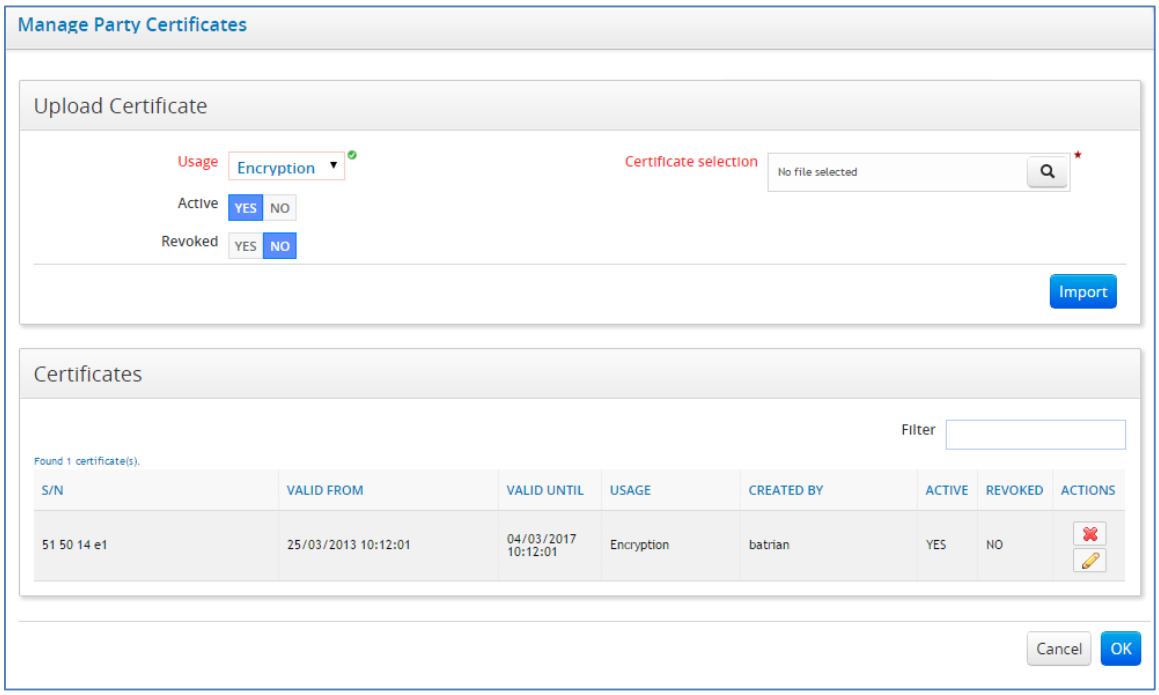


Figure 8 - Certificate Modification Popup

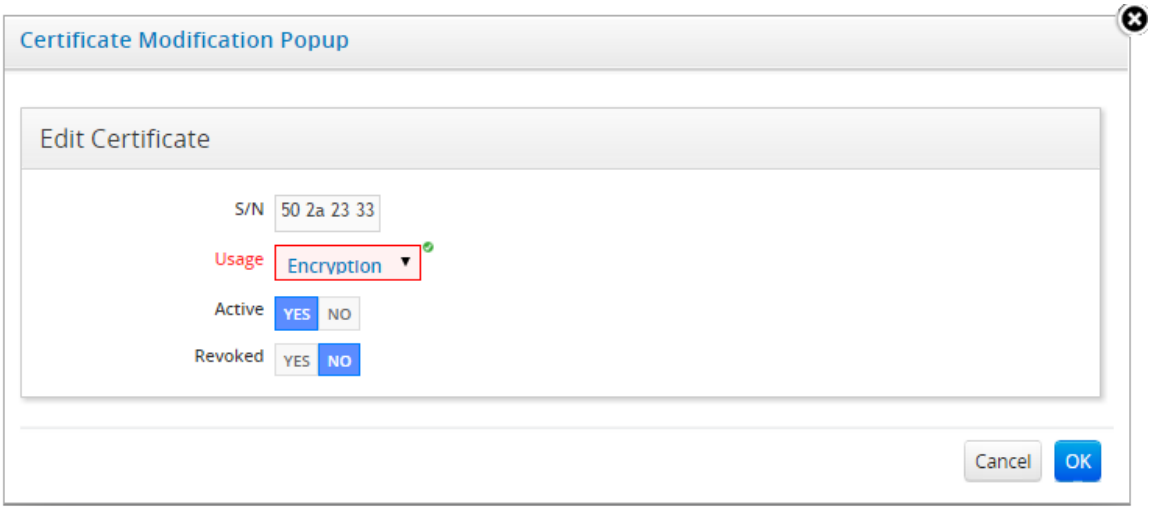
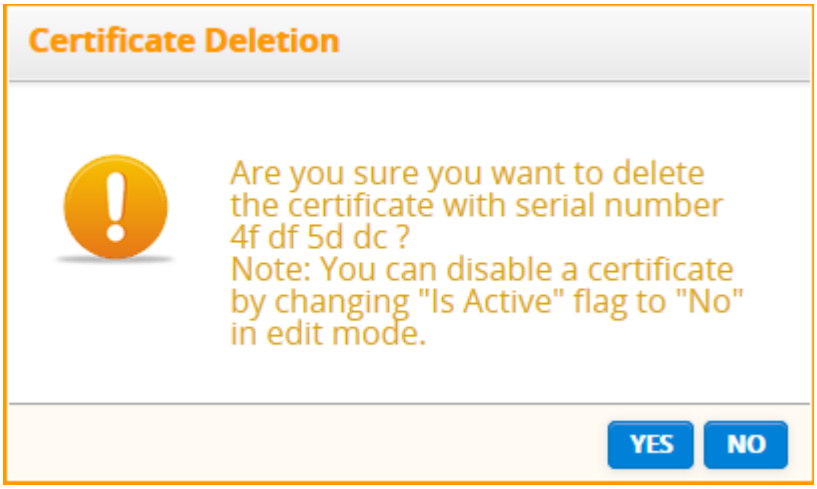


Figure 9 - Certificate Deletion Confirmation



8.1.1.3. Credentials

The credentials of a party are used for accessing e-TrustEx web services. They should always be configured if the party is a third party or if the party needs to connect directly to the web services.

The values introduced in Password and Confirm password fields must be identical. The party username need not be the same with the username of any other configured party.

If a specific business requires that more sender parties reuse specific credentials, this can be achieved by configuring a third party with the given credentials and then delegating to it from the concerned parties. In this case, each of the parties can reuse the credentials by having the message sent to e-TrustEx web services by the third party they all use. This third party will replace the delegating parties in the role of message issuer.

8.1.1.4. Identifiers

The party identifiers (e.g. GS1's GLN, VAT number of the organisation etc.) are used for party identification and routing purposes. Only one type of identifier is allowed per party (you cannot have for example a party with two different VAT numbers). You always need to specify at least one party identifier, and the party identifiers specified need not be the same with identifiers pertaining to other parties.

You can manage the party identifiers in the Identifiers section, at the bottom of the screen (Figure 6 - Party Creation Page).

8.1.1.4.1. Adding a new party identifier

1. Click button
2. A new identifier line is displayed
3. Fill in the identifier type and value

8.1.1.4.2. Modifying a party identifier

1. Change the identifier type by choosing it from the drop down list and/or
2. Position the mouse cursor in the identifier value field and fill in the desired value

8.1.1.4.3. Deleting a party identifier

1. Click button
2. The identifier line is removed

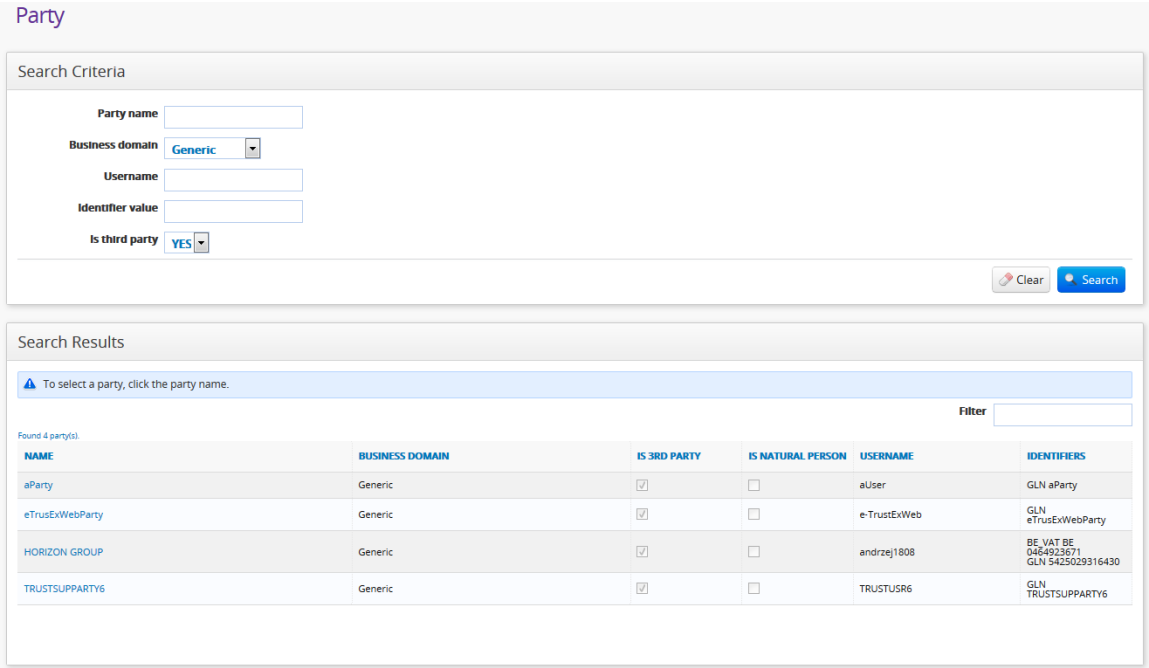
8.1.2. Searching for a Party

To search for a party, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Party** > **Search**
2. Fill in the desired criteria (you can search by party name, business domain, username, identifier value, third party flag or any combination of them)
3. Click Search button
4. The search results are displayed in the section at the bottom (Figure 10 – Party Search Page)

Please see section 3.2 for common search considerations.

Figure 10 – Party Search Page



8.1.3. Visualising Party Information

To see party information, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Party** > **Search**
2. Fill in the search criterions for the desired party and click Search
3. Click on the party you want to see in the search result list
4. You can now see the party details as in Figure 11 – Party Visualization Page
5. Click the button View Party Certificates to see the certificates attached to the party (Figure 12 - Party Certificates Visualization). Click Cancel to return to the party screen.

Please see section 3.3 for common visualisation considerations.

Figure 11 – Party Visualization Page

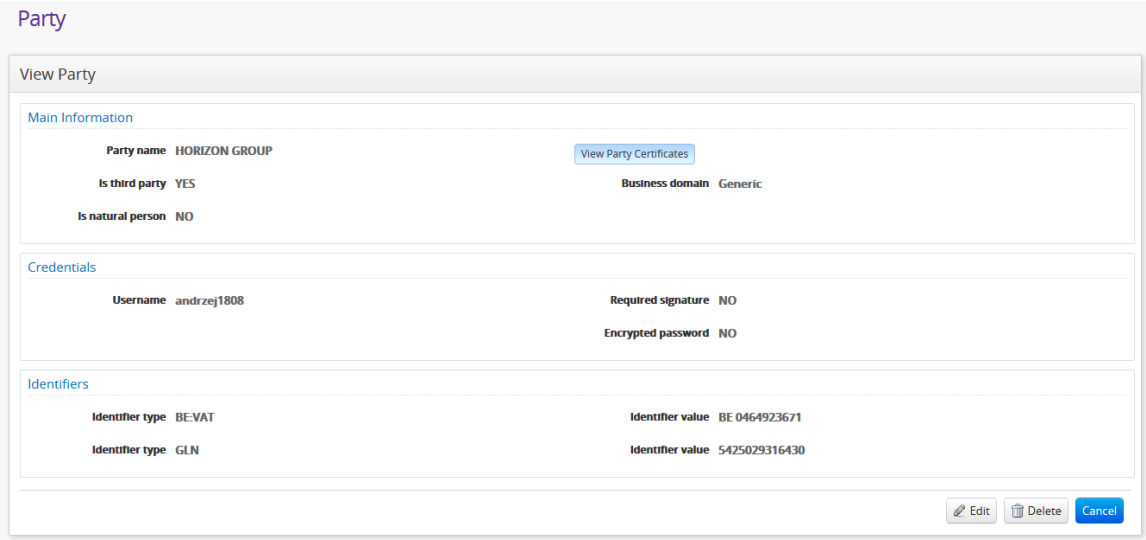
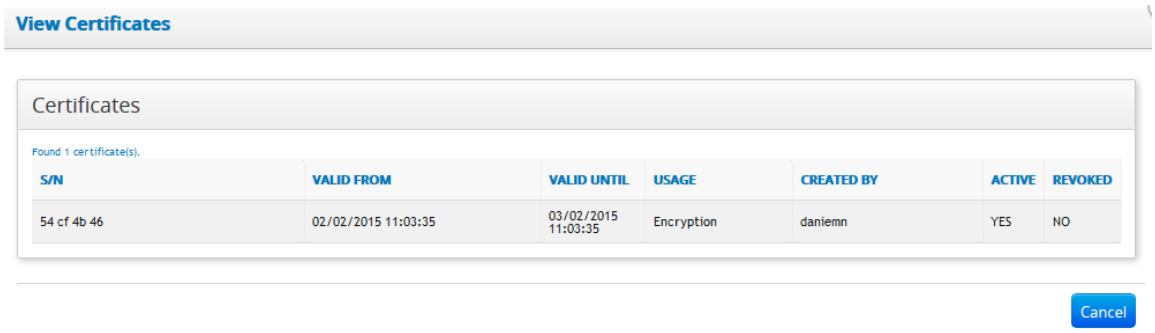


Figure 12 - Party Certificates Visualization



8.1.4. Modifying a Party

To modify party information, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Party** > **Search**
2. Fill in the search criterions for the desired party and click Search
3. Click on the party you want to modify in the search result list (Figure 10 – Party Search Page)
4. You can now see the party details as in Figure 11 – Party Visualization Page
5. Click Edit button at the bottom right
6. You can now see the party modification screen (Figure 13 – Party Modification Page) and edit the party
7. Fill in or change the desired information (you cannot change the party name, the party username, and change the revoked state of revoked certificate; third party cannot be changed if there are other parties delegating to it)
    a. Use Change password button if you want to change the password of the party credentials (Figure 14 – Party Change Password popup). Fill in

Password and Confirm password fields with the new password. Click ✔ OK button.

b. Use Manage Party Certificates to add, modify, delete, inactivate/activate or revoke a certificate belonging to the party. See section 8.1.1.2 Certificates for more details.

c. Add, change or remove party identifiers in the Identifiers section as described in section 8.1.1.4 Identifiers.

8. Click Save button to save the modifications

Please see section 3.1 for common creation considerations.

Figure 13 – Party Modification Page

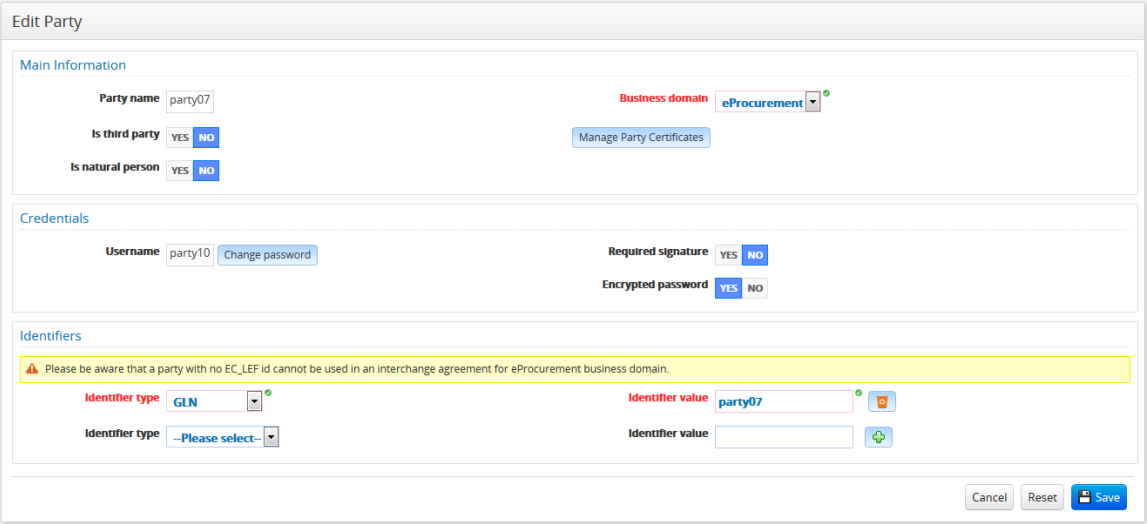
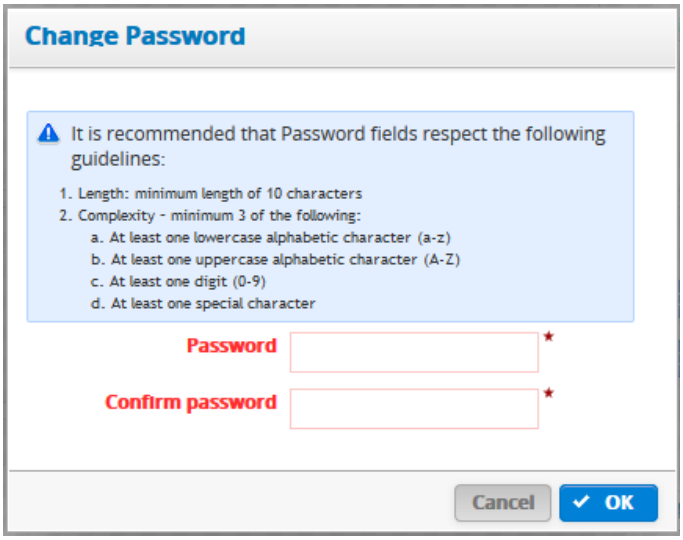


Figure 14 – Party Change Password popup



8.1.5. Deleting a Party

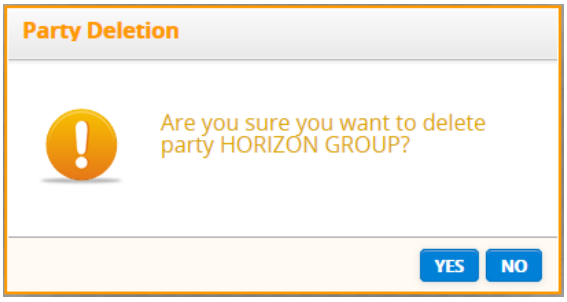
You cannot delete a Party that is involved in an **Interchange Agreement**, or that pertain to a business domain you are not authorized to use.

If you are a Local Business Owner, you are also not authorized to delete a party created by a more powerful user role (like ADM or CBO). You can only delete parties that pertain to your business domain and have been created by a LBO user role, as long as these parties are not involved in an interchange agreement, as previously stated.

To delete a party, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Party** > **Search**
2. Fill in the search criterions for the desired party and click Search
3. Click on the party you want to delete in the search result list (Figure 10 – Party Search Page)
4. You can now see the party details as in Figure 11 – Party Visualization Page
5. Click Delete button at the bottom right
6. Confirm the deletion (Figure 15 - Party Deletion Confirmation popup)

Figure 15 - Party Deletion Confirmation popup



8.2. Interchange Agreements

In order to enable communication between two parties, a logical communication channel, called **interchange agreement (aka ICA)**, must be created. This logical entity describes which parties can have a communication channel via e-TrustEx and which types of services the aforementioned parties are allowed to use.

An interchange agreement associates two parties, each being assigned a specific role with a document exchange profile.

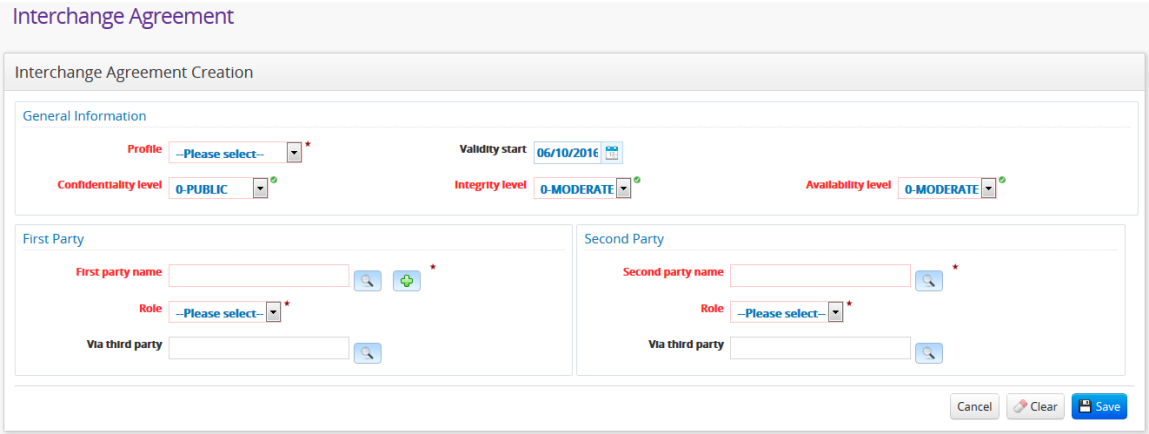
8.2.1. Creating an Interchange Agreement

To create an interchange agreement:

1. Navigate the menu: **Business Configuration** > **Interchange Agreement** > **Create Single**
2. The creation screen will be displayed as in Figure 16.
3. Fill in the desired information

4. Click Save button to save the data

Figure 16 - Interchange Agreement Creation Page



Please see section 3.1 for common creation considerations.

Below you can find a short description of the Interchange Agreement data that you can fill in:

- the interchange agreement profile which groups a set of transactions and defines the documents that can be exchanged
- the date from when the interchange agreement applies
- the security levels corresponding to the Confidentiality, Integrity and Availability of data
- the information concerning each of the parties involved in the interchange agreement:
    - party name
    - party role
    - delegated party if needed

Note that if a party of the interchange agreement does not have credentials (so no means to authenticate to the system for exchanging documents), then you need to specify a third party (see Section 8.1.1.1 Third Party for how to define one). This third party will be the one that will initiate the connection to the system, and will be able to send documents on behalf of the authorizing party.

If you need to create an interchange agreement for a new party, you can do both configurations via the same screen:

- Click button, which opens the Party Creation screen (Figure 6 - Party Creation Page)
- Fill in the party data
- Click Save in the party creation screen
- The party creation screen is closed and the interchange agreement screen is displayed with the first party section already filled in with the newly created party

- Fill in the remaining interchange agreement data
- Click 

button to save the data

8.2.2. Create Multiple Interchange Agreements at once

This functionality is intended to facilitate the creation of interchange agreements in the case a new party is configured for the business. This is done by allowing the creation of multiple interchange agreements at once between this new party and the other parties that should exchange documents in the context of the chosen business profile.

To create an interchange agreement:

1. Navigate the menu: **Business Configuration** > **Interchange Agreement** > **Create Multiple**
2. The creation screen will be displayed as in Figure 17.
3. Fill in the desired information
4. Click 

button to save the data
5. When the creation is complete:
    - A summary is displayed indicating how many interchange agreements have been successfully created and how many are in error (Figure 18 and Figure 19)
    - The lines corresponding to the second parties for which the interchange agreements were successfully created will be displayed in green, and the others, for which an error occurred, in red (Figure 18 and Figure 19).
    - To see the error corresponding to a red line, position the mouse cursor above it: a tooltip with the corresponding error message will be temporary displayed (Figure 20).

Please see section 3.1 for common creation considerations and section 8.2.1 Creating an Interchange Agreement for the information that can be provided during the creation. Also, note that all the second parties that will be chosen for the multiple interchange agreement creation will fulfil the same role (chosen at the beginning of the section Second Parties). If you need to use different roles for second parties, you need to create the interchange agreements one by one as in 8.2.1 Creating an Interchange Agreement.

Figure 17 - Interchange Agreement Multiple Creation Page

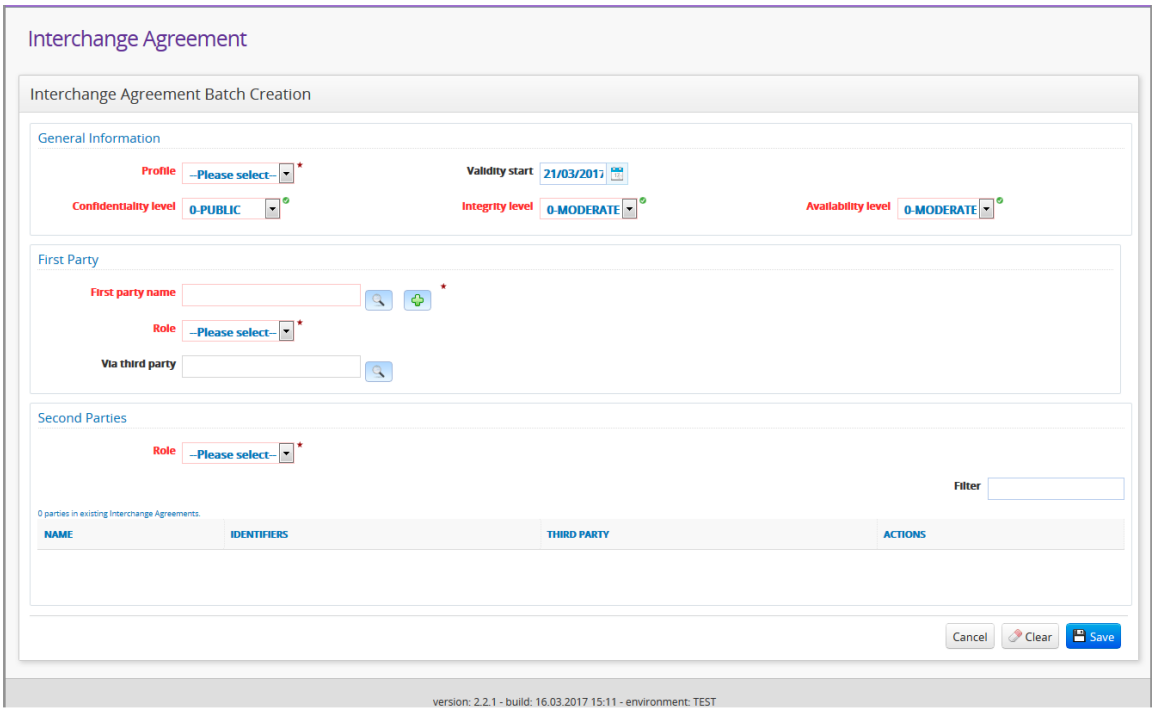


Figure 18 - Mass Creation of Interchange Agreements – Completed with success

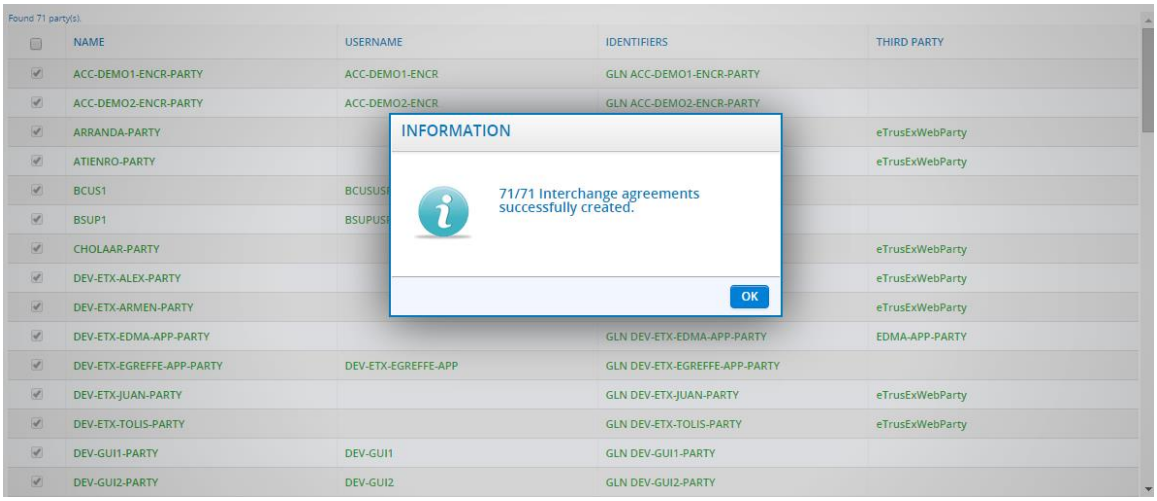


Figure 19 - Mass Creation of Interchange Agreements - Completed with errors

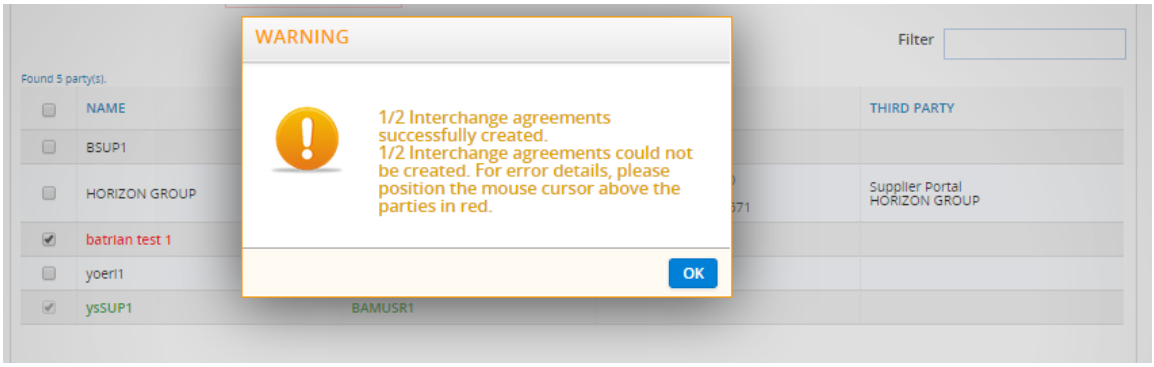
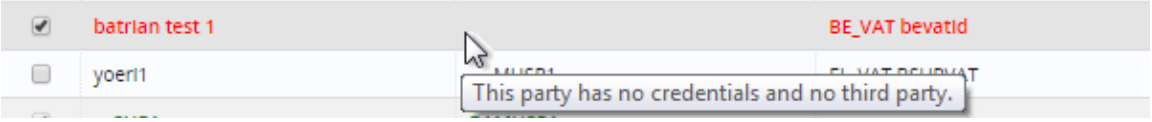


Figure 20 - Mass Creation of Interchange Agreements - Error tooltip



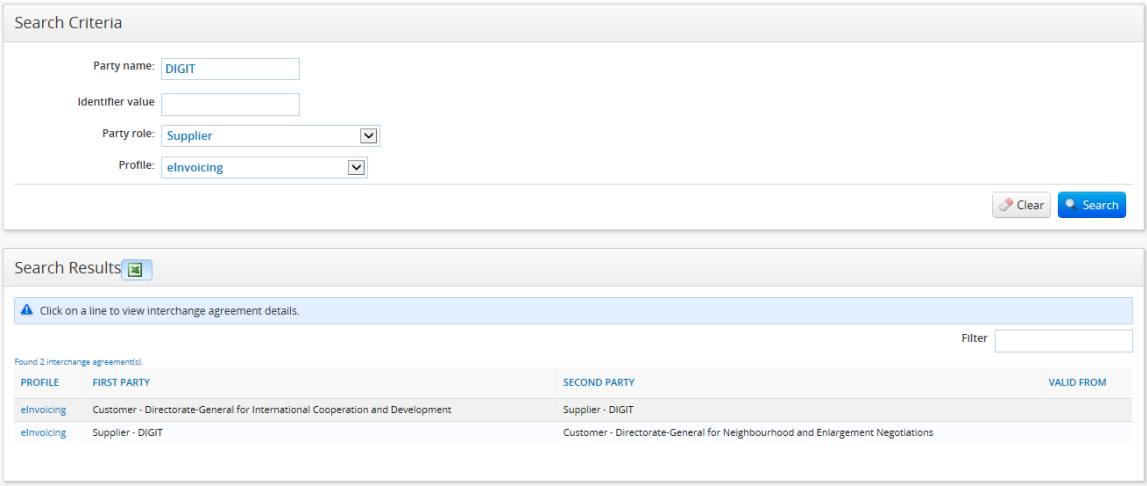
8.2.3. Searching for an Interchange Agreement

To search for an interchange agreement, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Interchange Agreement** > **Search**
2. Fill in the desired criteria: you can search by party name, party identifier value, party role or profile. *Note:* If you search by both party name (or party identifier value) and party role then you will get all the interchange agreements involving the specified party fulfilling precisely the specified role (a logical AND, not OR like commonly used in the search).
3. Click Search button
4. The search result is displayed in the section at the bottom (Figure 21 - Interchange Agreement Search Page)
5. You can export the search results to an excel file using the export button in the search results section. All the information related to an interchange agreement will be exported, not only the column available on screen.

Please see section 3.2 for common search considerations.

Figure 21 - Interchange Agreement Search Page



8.2.4. Visualisation of Interchange Agreement Information

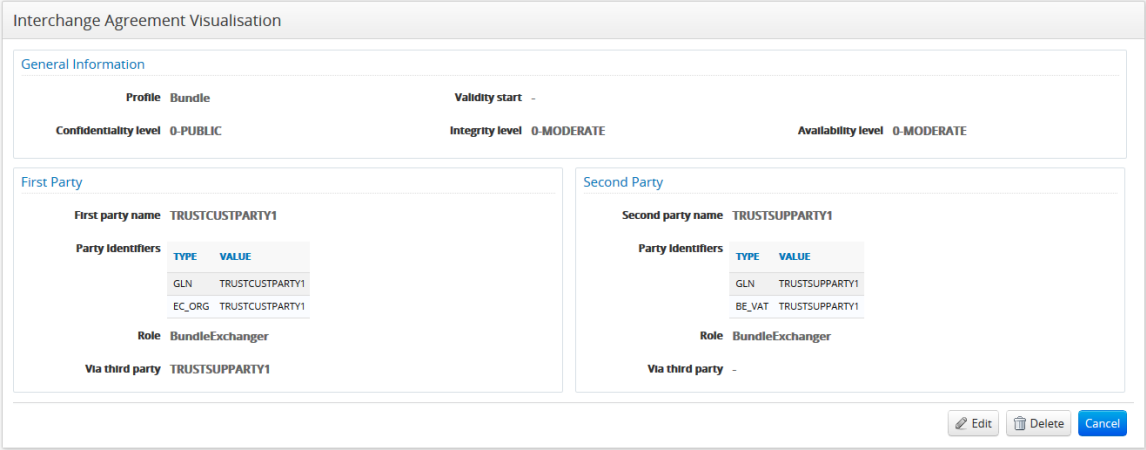
To see information of an interchange agreement, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Interchange Agreement** > **Search**
2. Fill in the search criterions for the desired interchange agreement and click Search

3. In the search result section, click on the interchange agreement you want to see
4. You can now visualize the interchange agreement details as in Figure 22 - Interchange Agreement Visualisation Page

Please see section 3.3 for common visualisation considerations.

Figure 22 - Interchange Agreement Visualisation Page



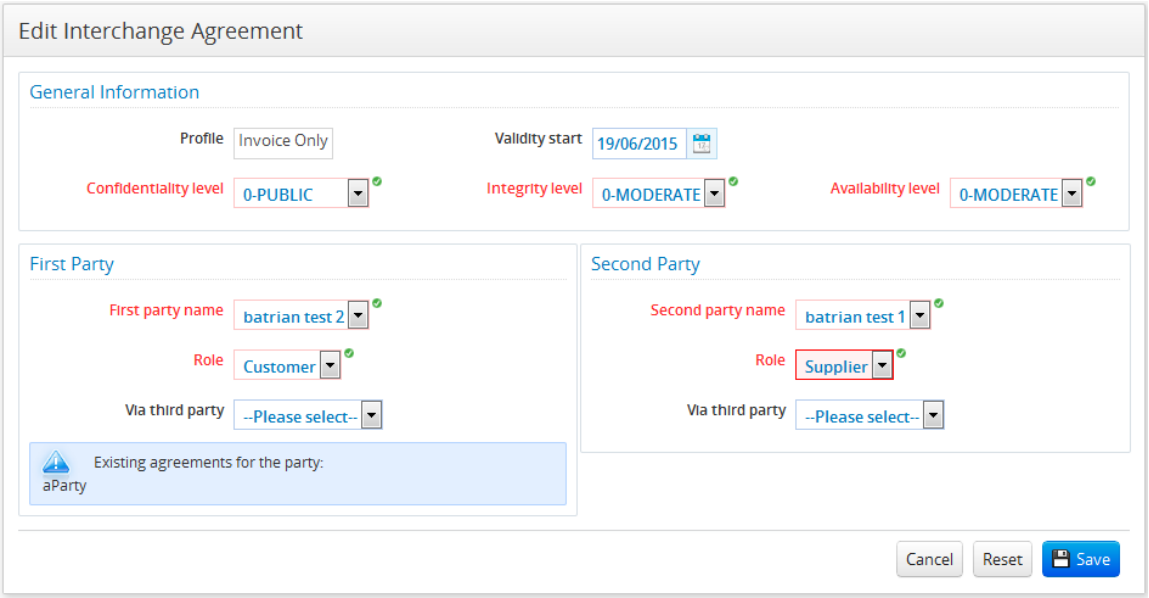
8.2.5. Modifying an Interchange Agreement

To modify interchange agreement information, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Interchange Agreement** > **Search**
2. Fill in the search criterions for the desired interchange agreement and click Search
3. In the search result section, click on the interchange agreement you want to modify (Figure 21 - Interchange Agreement Search Page)
4. You can now see the interchange agreement details as in Figure 22 - Interchange Agreement Visualisation Page
5. Click Edit button at the bottom right
6. The interchange agreement modification screen is displayed (Figure 23 - Interchange Agreement Modification Page)
7. Fill in or change the desired information (you cannot change neither the profile nor the parties involved in the interchange agreement and their roles)
8. Click Save button to save the modifications

Please see section 3.1 for common creation considerations.

Figure 23 - Interchange Agreement Modification Page



8.2.6. Deleting an Interchange Agreement

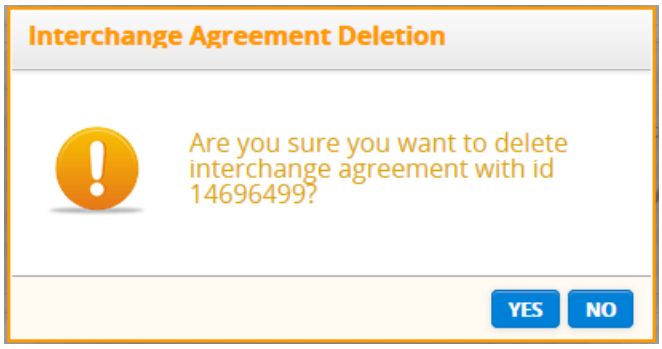
You cannot delete an interchange agreement that does not belong to your business domain. Interchange agreements already being used for message exchanges, or referred to in endpoint configurations etc. will also not be deleted.

If you are a Local Business Owner, you are not authorized to delete an interchange agreement created by a more powerful user role (like ADM or CBO). You can only delete interchange agreements that pertain to your business domain and have been created by a LBO user role, as long as these interchange agreements are not referred to in any configuration and there are no messages sent under their authorisation as previously stated.

To delete an interchange agreement, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Interchange Agreement** > **Search**
2. Fill in the search criterions for the desired interchange agreement and click Search
3. In the search result section, click on the interchange agreement you want to delete (Figure 21 - Interchange Agreement Search Page)
4. You can now see the interchange agreement details as in Figure 22 - Interchange Agreement Visualisation Page
5. Click Delete button at the bottom right
6. Confirm the deletion (Figure 24 - Interchange Agreement Deletion Confirmation popup)

Figure 24 - Interchange Agreement Deletion Confirmation popup



8.3. Party Agreements

A Party Agreement is an arrangement between two parties, which specifies that a Party (known as delegated party or third party) can act on behalf of another Party (known as authorizing party).

8.3.1. Creating a party agreement

To create a party agreement:

1. Navigate the menu: **Business Configuration** > **Party Agreement** > **Create**
2. The creation page will be displayed as in Figure 25
3. Search for the authorizing and delegated parties and select them (see section 8.1.2 **Searching for a Party**)
4. In order to give the authorization for certain types of documents, you need to click NO next to the label Authorization on all transactions. By default the delegated party is authorized on all transactions.
5. The Authorizes transactions section is displayed
6. You can add a transaction to the authorized transactions list
   a. Click Add transaction button ( )
   b. Search transactions popup is displayed
   c. Fill in the search criteria to help you find your transaction
   d. Click Search
   e. Click on the transaction you need in the Search results section
   f. The Search transactions popup is closed
   g. The name and version of the selected transaction are displayed in the Authorized transaction section (see Figure 26)
   h. You can remove a transaction from the authorized transactions list by clicking the Remove button ( )
7. Click Save button to save the data

Please see section 3.1 for common creation considerations.

Figure 25 - Party Agreement Creation Page

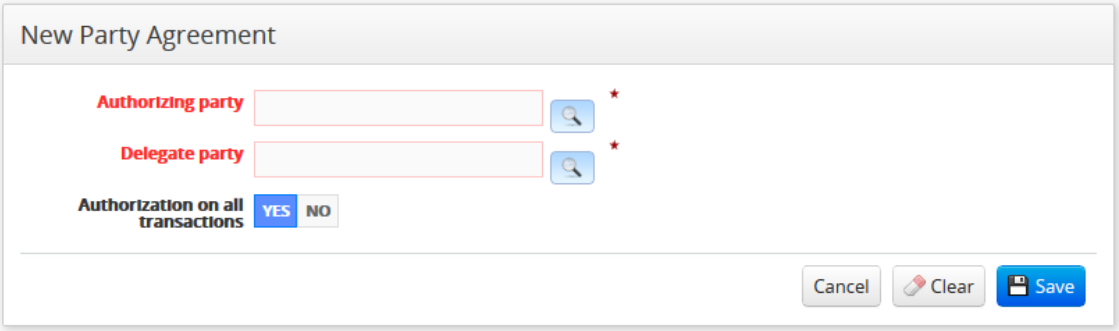
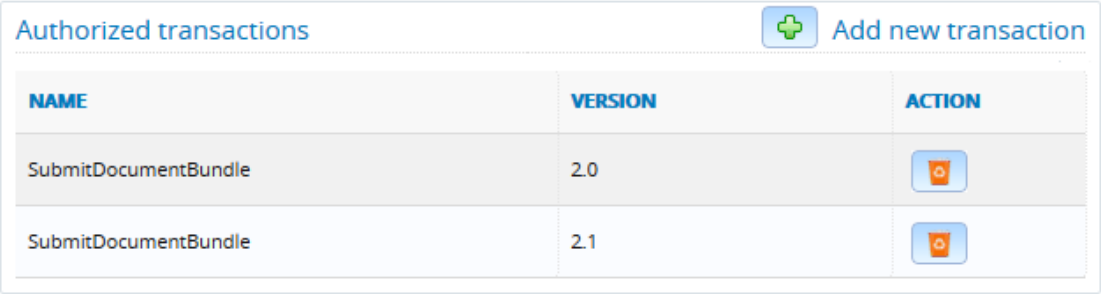


Figure 26 - Authorized transactions Section



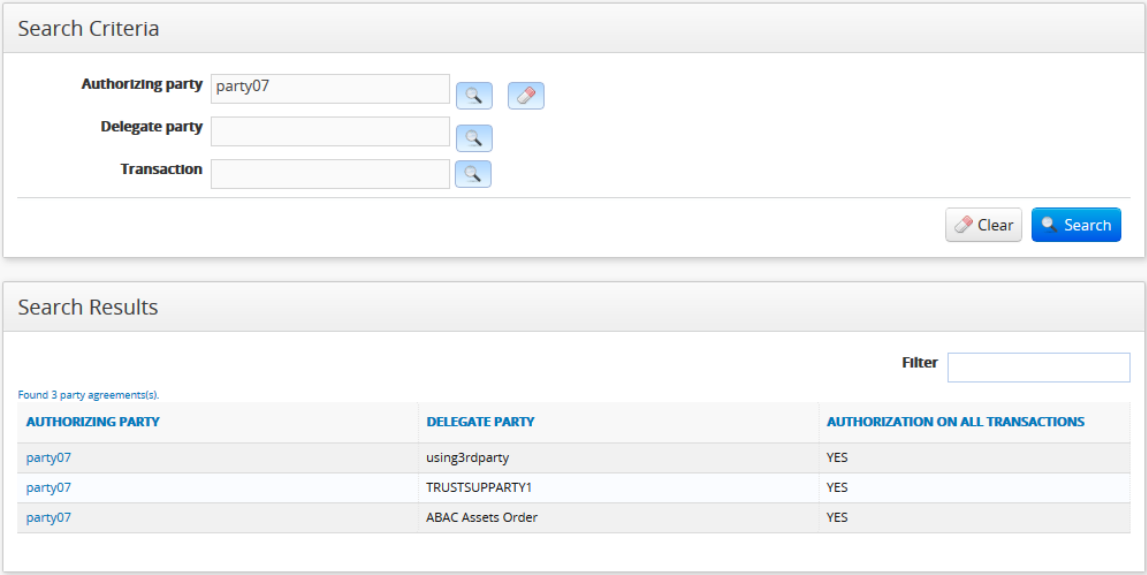
8.3.2. Searching for a Party Agreement

To search for a party agreement, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Party Agreement** > **Search**
2. Fill in the desired criteria (you can search by authorizing party, delegated party, transaction or any combination of them)
3. Click Search button
4. The search results are displayed in the section at the bottom (see Figure 27)

Please see section 3.2 for common search considerations.

Figure 27 - Search Party Agreement Page



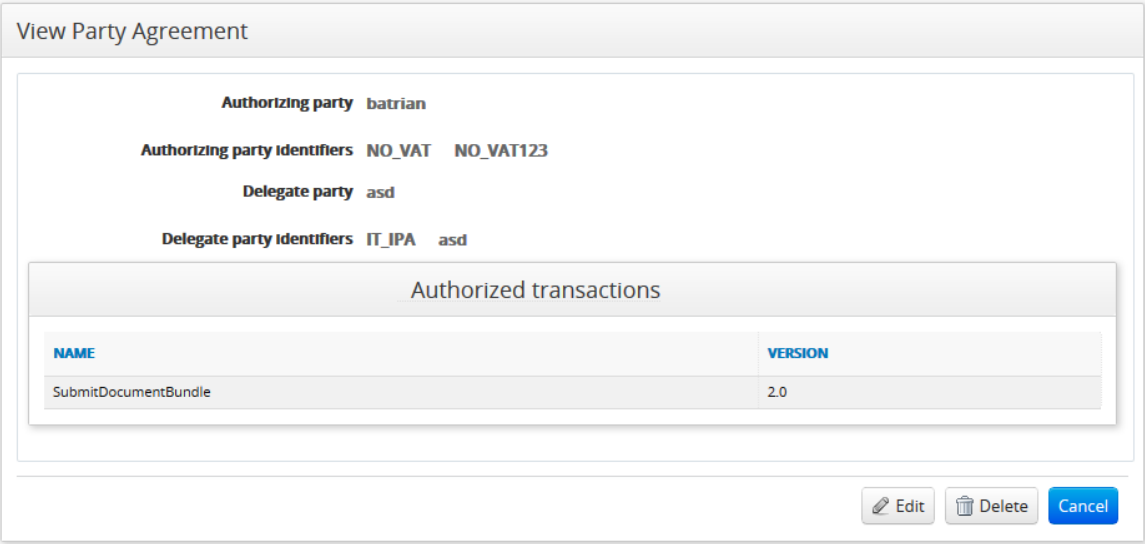
8.3.3. Visualizing Party Agreement information

To see party agreement information, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Party Agreement** > **Search**
2. Fill in the search criterions for the desired party agreement and click Search
3. Click on the line corresponding to the party agreement you want to see in the search result list
4. The party agreement details are displayed as in Figure 28 - Party Agreement Visualization Page

Please see section 3.3 for common visualisation considerations.

Figure 28 - Party Agreement Visualization Page



8.3.4. Modifying a Party Agreement

To modify party information, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Party Agreement** > **Search**
2. Fill in the search criterions for the desired party agreement and click Search
3. Click on the party agreement you want to modify in the search result list (Figure 27 - Search Party Agreement Page)
4. You can now see the party agreement details as in Figure 28 - Party Agreement Visualization Page
5. Click Edit button at the bottom right
6. You can now see the party agreement modification screen (Figure 29) and edit the party agreement
7. Fill in or change the desired information:
    a. You cannot change the authorizing party

b. If there are messages in the system sent by the delegated party on behalf of the authorizing party

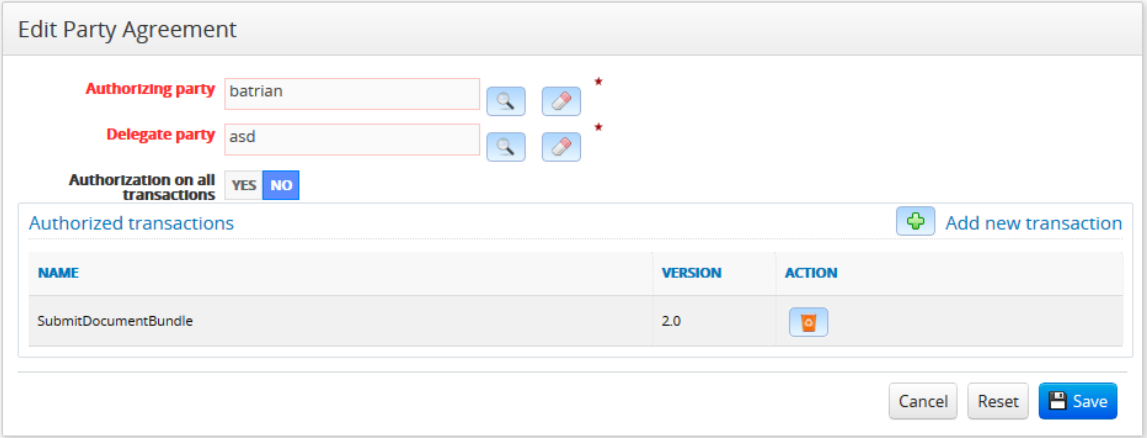
i. you cannot change the delegated party

ii. you cannot remove the transaction corresponding to the message, from the list of authorized transactions

8. Click Save button to save the modifications

Please see section 3.1 for common creation considerations.

Figure 29 - Party Agreement Modification Page



8.3.5. Deleting a Party Agreement

You cannot delete a party agreement

- if there are messages in the system having the authorizing party as sender and the delegated party as issuer or
- if the authorizing party has no credentials and no other party agreements, and it is involved in an interchange agreement (the interchange agreement will become useless)

To delete a party agreement, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **PartyAgreement** > **Search**

2. Fill in the search criterions for the desired party agreement and click Search

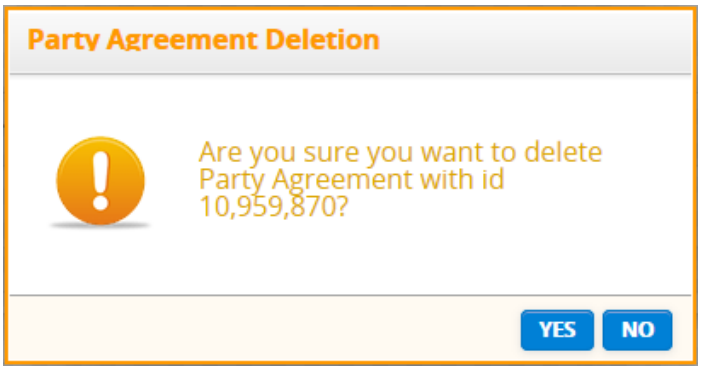
3. Click on the party agreement you want to delete in the search result list (Figure 27)

4. You can now see the party agreement details as in Figure 28

5. Click Delete button at the bottom right

6. Confirm the deletion (Figure 30)

Figure 30 - Delete Party Agreement Confirmation Popup



8.4. Routing Endpoints

In order to forward messages from a party to another, or to send response messages to sender parties, the destination needs to be known. This destination is represented by routing endpoints which can be of three types: JMS endpoints, Web Services endpoints and AMQP endpoints. All three types of routing endpoints can be configured via the Administration Console.

8.4.1. Endpoint Information

8.4.1.1. Specific JMS Endpoint information

As shown in Figure 31 - JMS specific configuration:

1. The JMS destination queue of the message
2. The initial JNDI context factory to be used
3. The JMS connection factory to use
4. If it is using a temporary reply queue or not
5. The JMS provider URL
6. The java message converter class used for converting the message in a specific format before sending it, if such format is needed in the receiver system

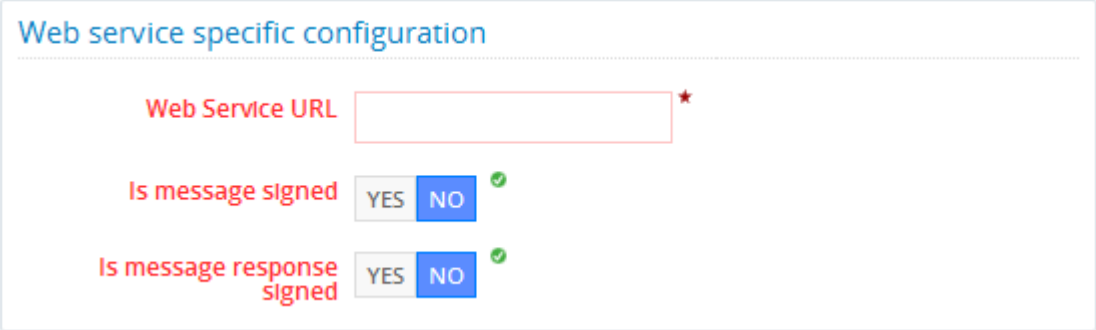
Figure 31 - JMS specific configuration

8.4.1.2. *Specific Web Services Endpoint information*

As shown in Figure 32 - Web Services specific configuration:

1. The web service URL
2. If the message needs to be signed before sending or not
3. If the response to the message should be signed or not by the sending endpoint

Figure 32 - Web Services specific configuration

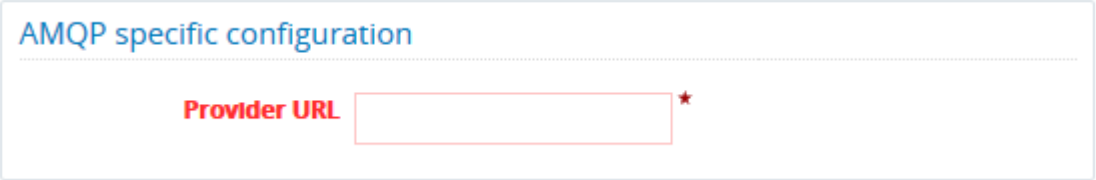


8.4.1.3. Specific AMQP Endpoint information

As shown in Figure 33 - AMQP specific configuration:

1. The AMQP provider URL

Figure 33 - AMQP specific configuration



8.4.1.4. Common Information – used for All Endpoint Types

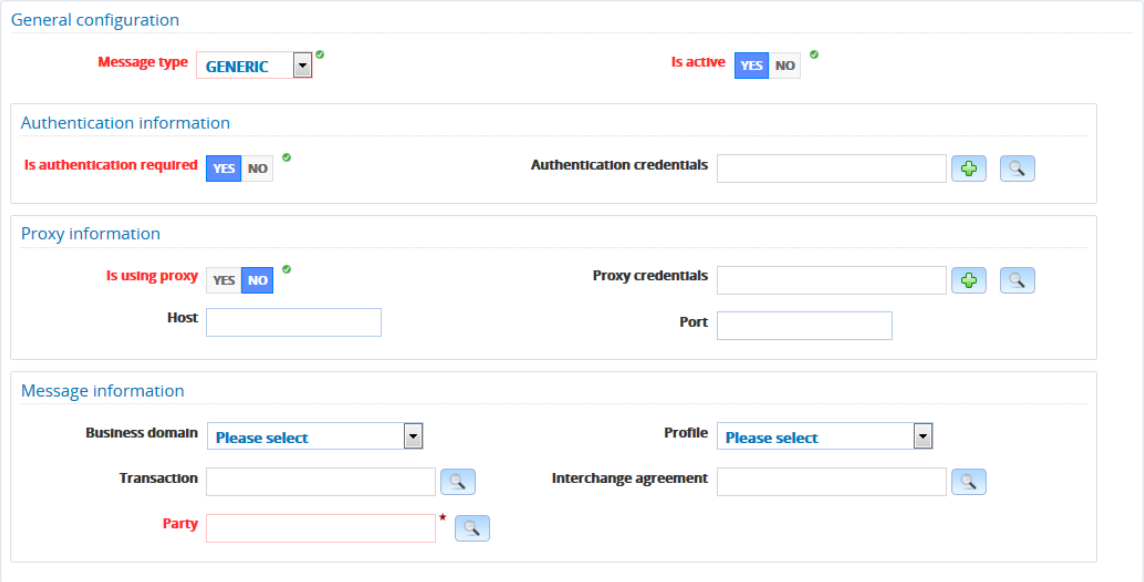
As shown in Figure 34 - Common configuration:

1. Message type – the type of message the endpoint receives: Generic, Notification or Typed
2. Endpoint status – if the endpoint is active or not
3. Authentication information:
    a. If authentication is required for connecting to the endpoint
    b. Authentication credentials which is mandatory if authentication is required: authentication username and password
4. Proxy information:
    a. If endpoint is using proxy
    b. Proxy information. All proxy information is mandatory if proxy is used :
        i. Proxy host and port
        ii. Proxy credentials (username and password)
5. Information that is used to identify the messages that will be routed to this endpoint:
    a. Business domain
    b. Profile
    c. Transaction

d. Interchange agreement

e. Party

Figure 34 - Common configuration



8.4.2. Creating an Endpoint Configuration

To create an endpoint configuration:

1. Navigate the menu:
   - For JMS configurations: **Business Configuration** > **Routing Endpoints** > **Create** > **JMS Configuration**
   - For Web Services configurations: **Business Configuration** > **Routing Endpoints** > **Create** > **Web Services Configuration**
   - For AMQP configurations: **Business Configuration** > **Routing Endpoints** > **Create** > **AMQP Configuration**
2. The creation screen will be displayed
   - As in Figure 35 - JMS Routing Endpoint Creation Page, if JMS configuration
   - As in Figure 36 - Web Service Routing Endpoint Creation Page, if Web Services configuration
   - As in Figure 37 - AMQP Endpoint Creation Page, if AMQP configuration
3. Fill in the endpoint data
   - For adding new authentication or proxy credentials
     i. Click button next to the concerned credential field
     ii. In the credentials popup (Figure 38 - New Credentials Popup) fill in the username and the two password fields
     iii. Click OK button

- For searching for existing authentication or proxy credentials (Figure 39 - Search Authentication Credentials Popup (JMS), Figure 40 - Search Authentication Credentials Popup (WS), Figure 41 - Search Authentication Credentials Popup (AMQP), Figure 42 - Search Proxy Credentials Popup)
    i. Click button next to the concerned credential field
    ii. Fill in the username or a partial username
    iii. Click Search
    iv. Select the desired username in the search results
- For filling in the transaction
    i. Click button next to the transaction field
    ii. Follow the steps in the section 9.3.2 **SEARCHING FOR A TRANSACTION**
- For filling in the interchange agreement
    i. Click button next to the transaction field
    ii. Follow the steps in section 8.2.3 **SEARCHING FOR AN INTERCHANGE AGREEMENT**
- For filling in the party
    i. Click button next to the transaction field
    ii. Follow the steps in section 8.1.2 **SEARCHING FOR A PARTY**

4. Choose Save button to save the endpoint configuration

Please see section 3.1 for common creation considerations.

Figure 35 - JMS Routing Endpoint Creation Page

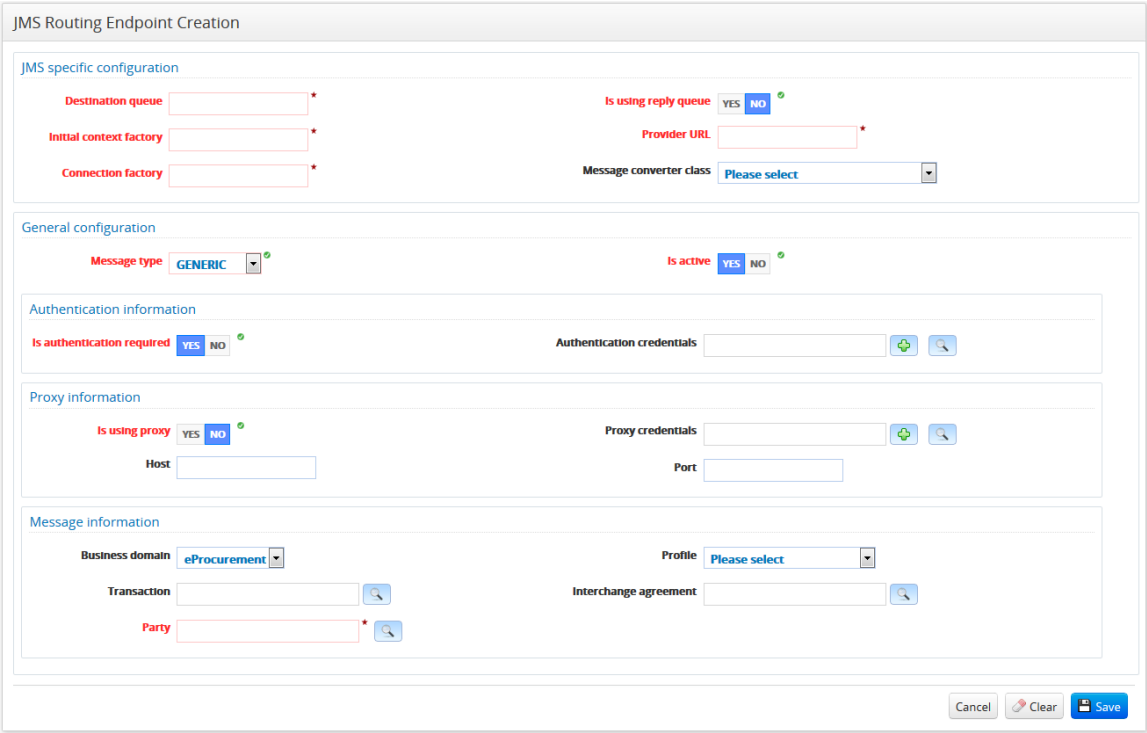


Figure 36 - Web Service Routing Endpoint Creation Page

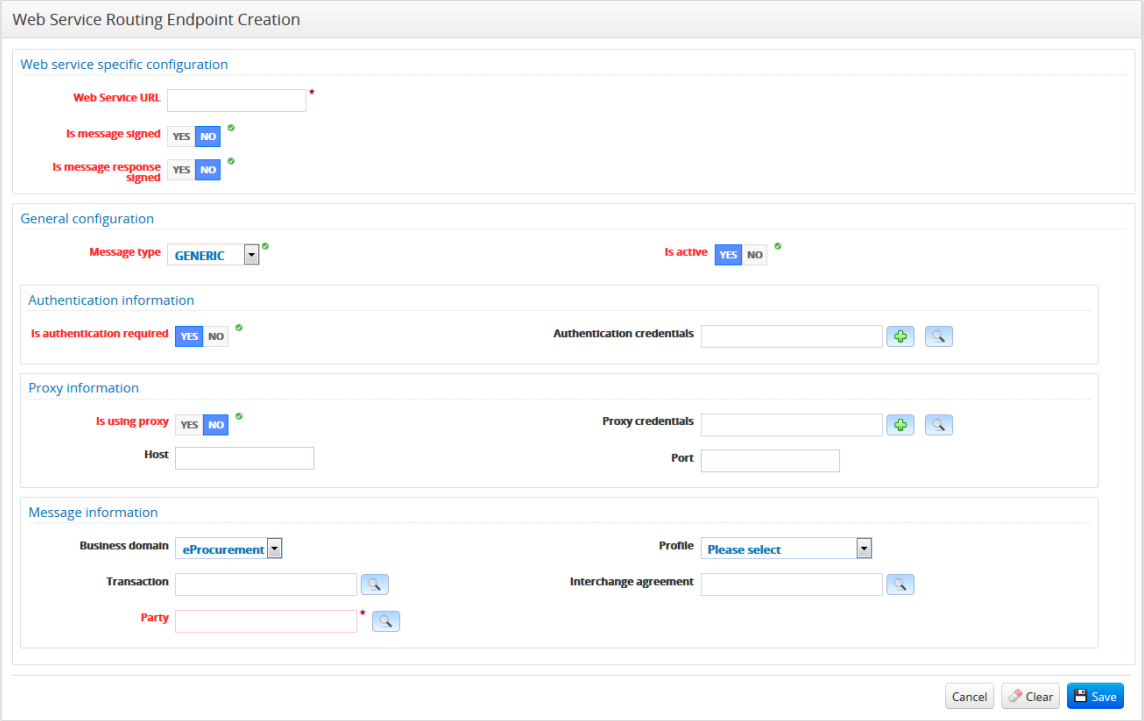


Figure 37 - AMQP Endpoint Creation Page

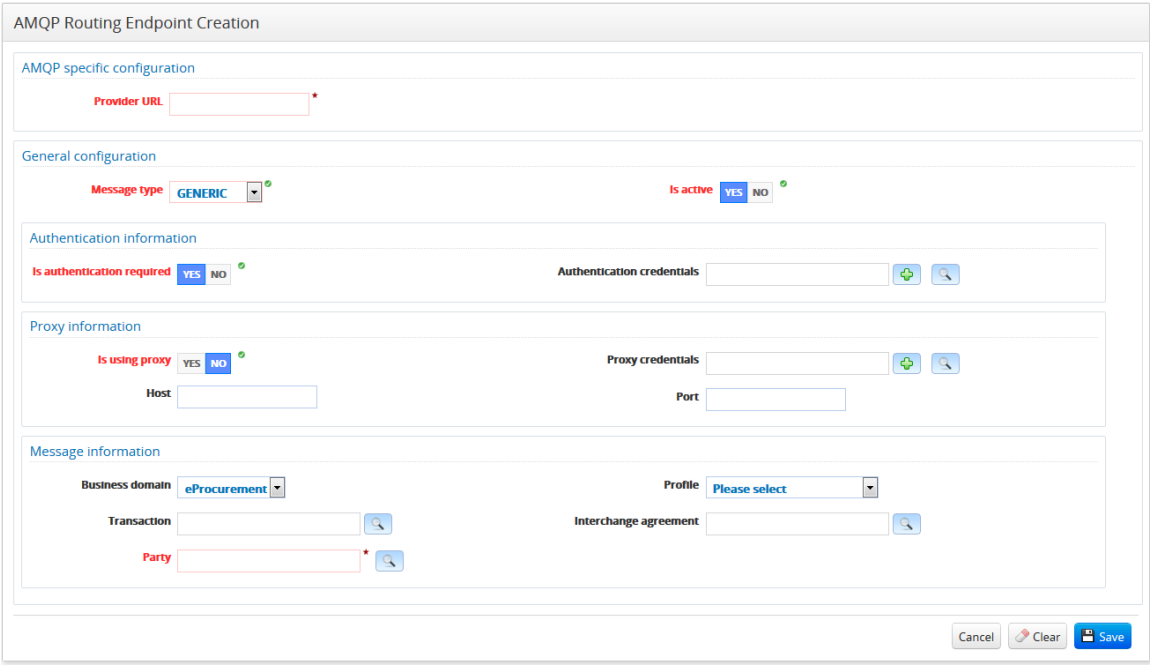


Figure 38 - New Credentials Popup

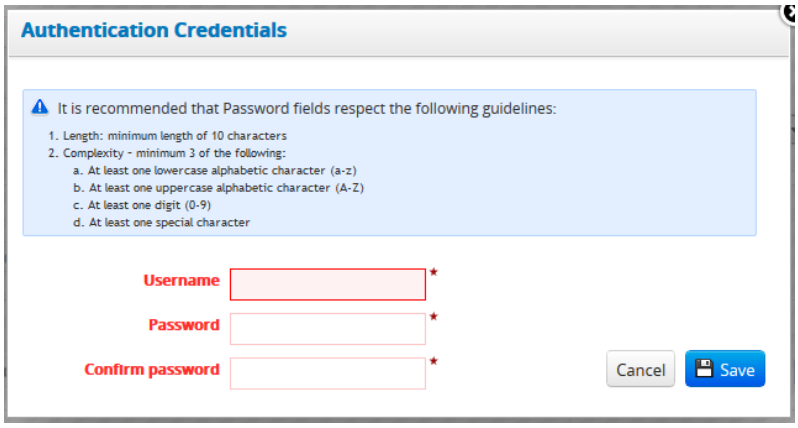


Figure 39 - Search Authentication Credentials Popup (JMS)

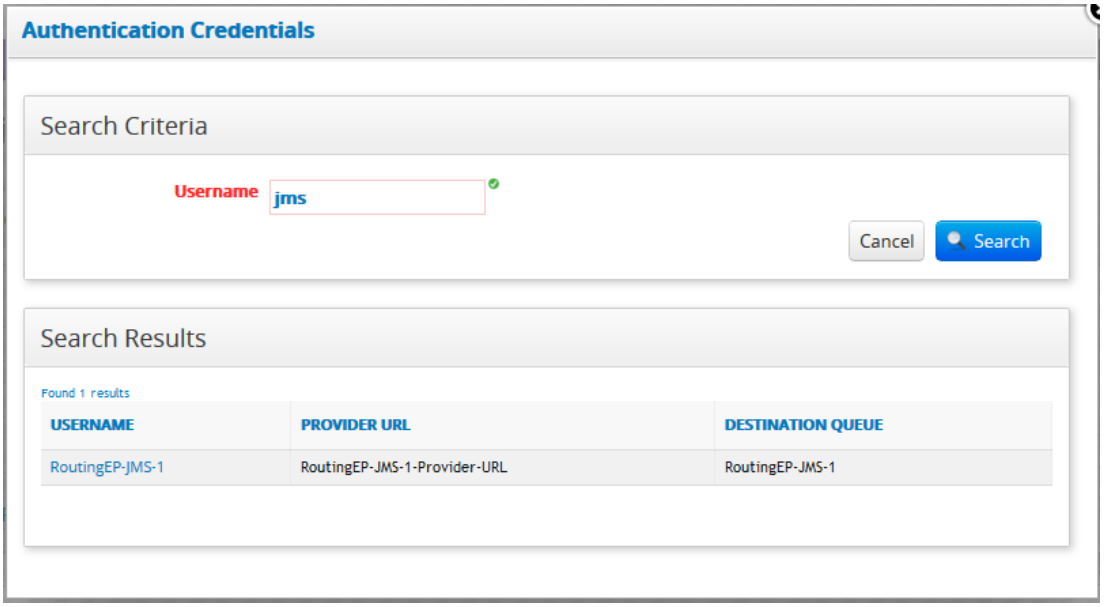


Figure 40 - Search Authentication Credentials Popup (WS)

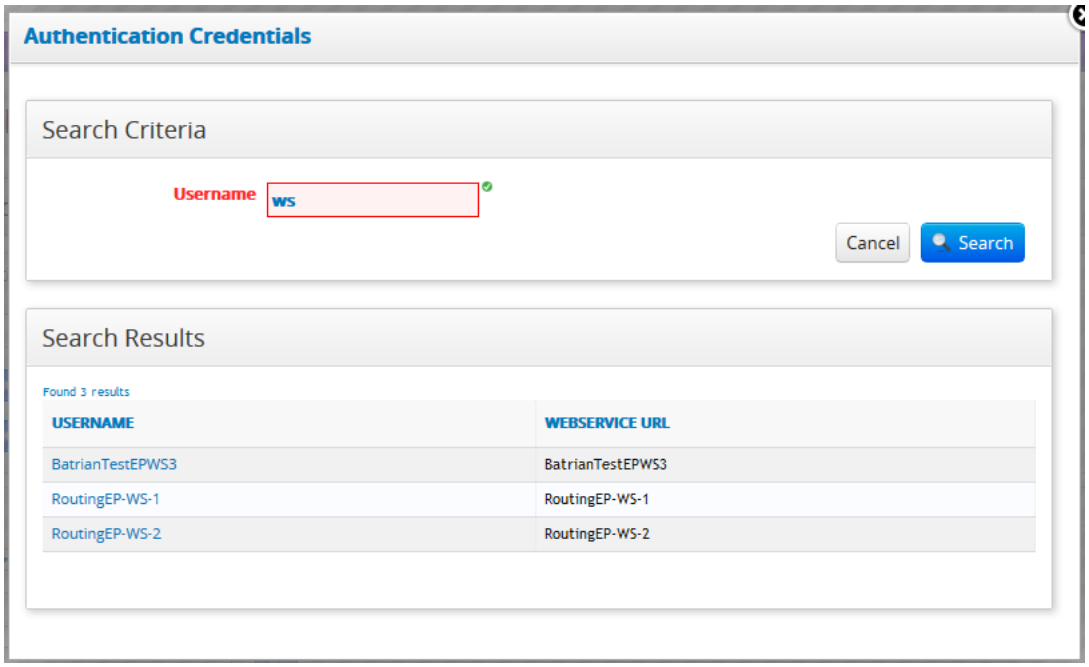


Figure 41 - Search Authentication Credentials Popup (AMQP)

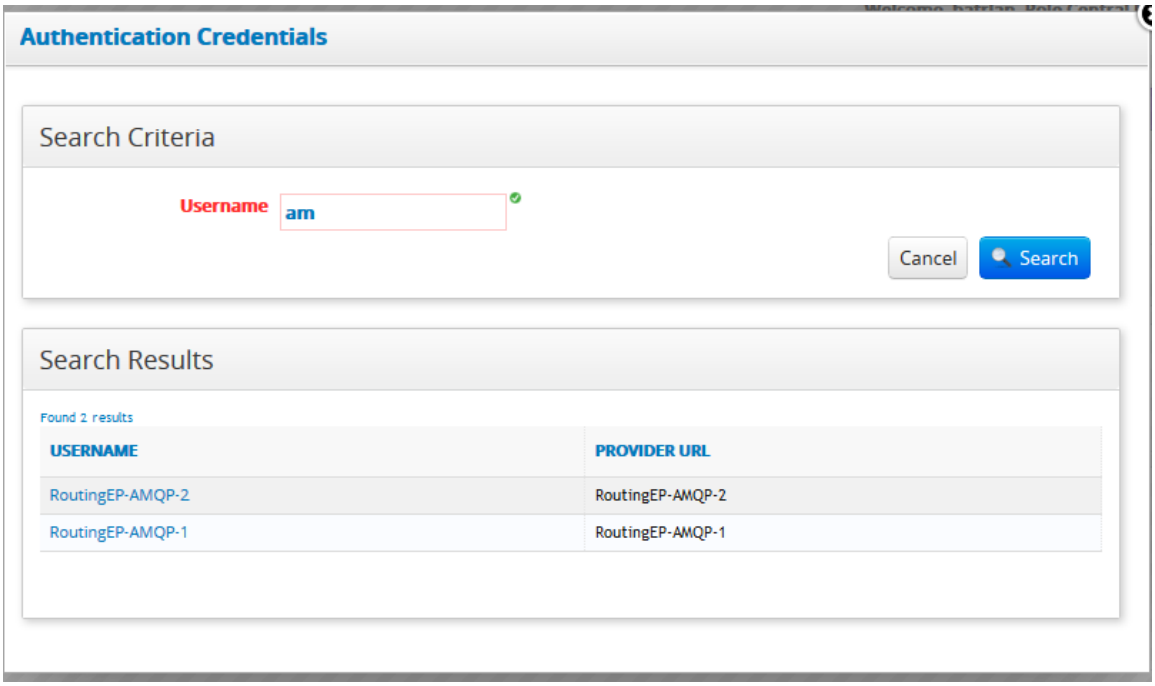
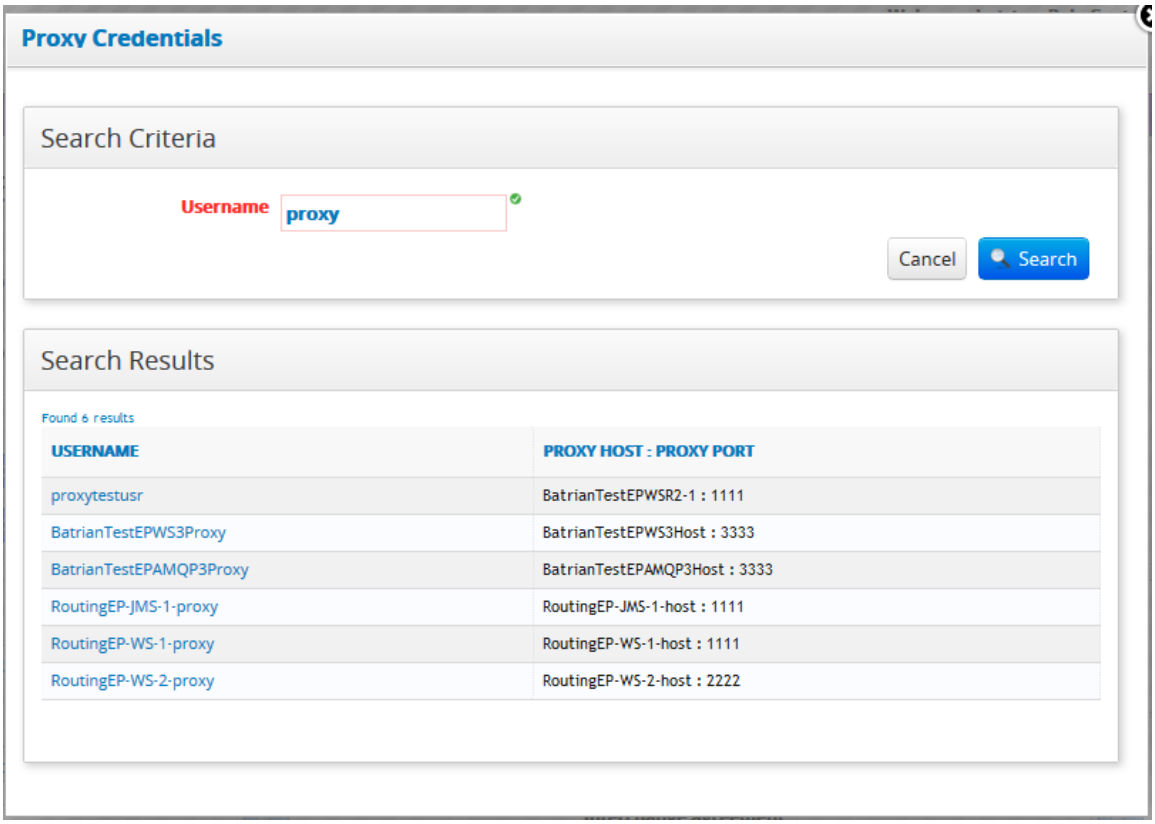


Figure 42 - Search Proxy Credentials Popup



8.4.3. Searching for an Endpoint Configuration

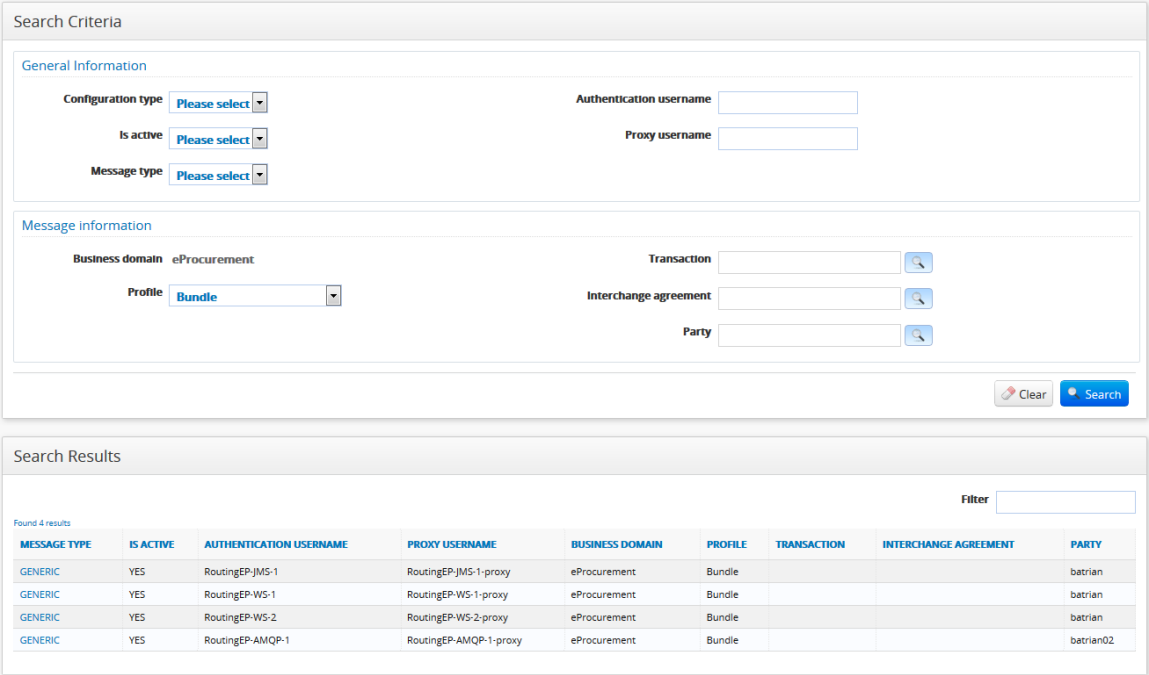
To search for an endpoint configuration, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Routing Endpoints** > **Search**

2. Fill in the desired criteria in **Search Criteria** section (Figure 43 - Routing Endpoint Search Page). You can search by:
   - Endpoint type (JMS, Web Services or AMQP)
   - Endpoint status (active or inactive)
   - Type of the message the endpoint is expecting
   - Authentication username
   - Proxy username
   - Business domain, profile, transaction, interchange agreement or party configured
3. Click Search button
4. The search result are displayed in the section at the bottom (Figure 43 - Routing Endpoint Search Page)

Please see section 3.2 for common search considerations.

Figure 43 - Routing Endpoint Search Page



8.4.4. Visualising Endpoint Configurations

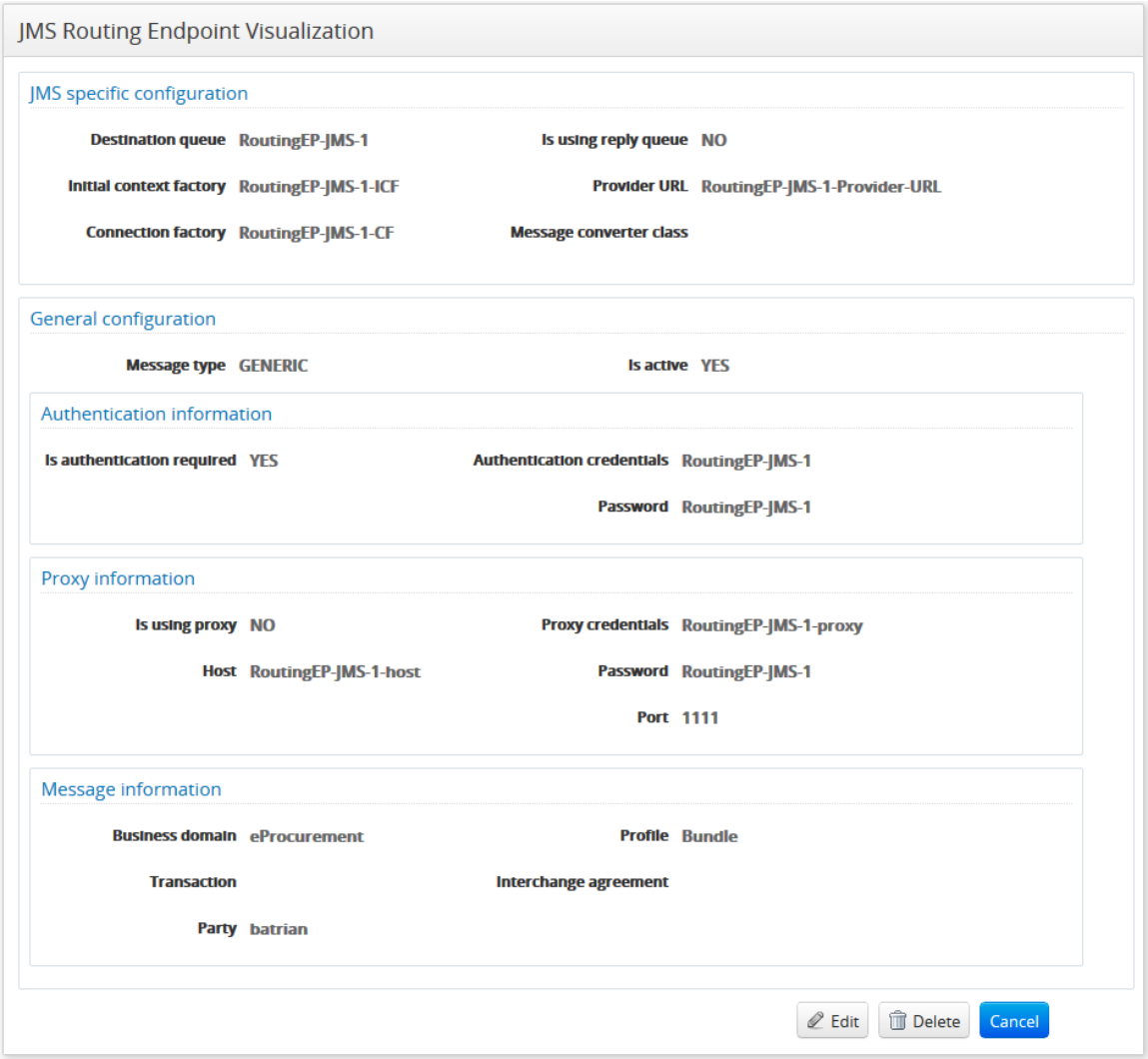
To see endpoint configuration information, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Routing Endpoints** > **Search**
2. Fill in the desired criteria in **Search Criteria** section (Figure 43 - Routing Endpoint Search Page) and click Search button
3. In the Search Results section, click on the endpoint configuration you want to see

4. You can now see the configuration details (e.g. Figure 44 - Endpoint Visualisation Page (JMS configuration))

Please see section 3.3 for common visualisation considerations.

Figure 44 - Endpoint Visualisation Page (JMS configuration)



8.4.5. Modifying an Endpoint Configuration

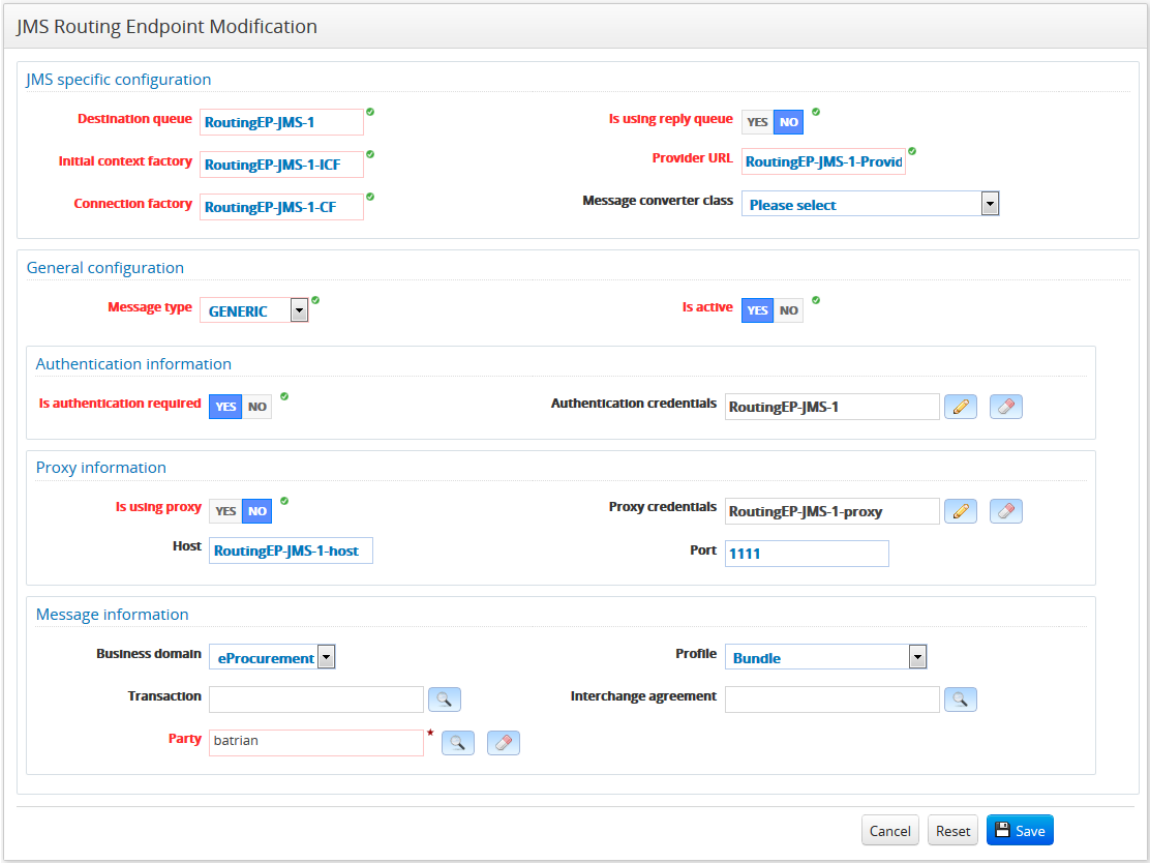
The endpoint configuration cannot be modified if there are messages configured to use it and not yet dispatched.

To modify an endpoint configuration, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Routing Endpoints** > **Search**
2. Fill in the search criterions for the endpoint configuration to modify and click Search button
3. In the search results list, click on the configuration you want to modify (Figure 43 - Routing Endpoint Search Page)
4. You can now see the configuration details

5. Click Edit button at the bottom right
6. You can now see the configuration in edit mode (e.g. Figure 45 - Endpoint Modification Page (JMS configuration))
7. Fill in or change the desired information
8. Click Save button to save the modifications

Figure 45 - Endpoint Modification Page (JMS configuration)



8.4.6. Deleting an Endpoint Configuration

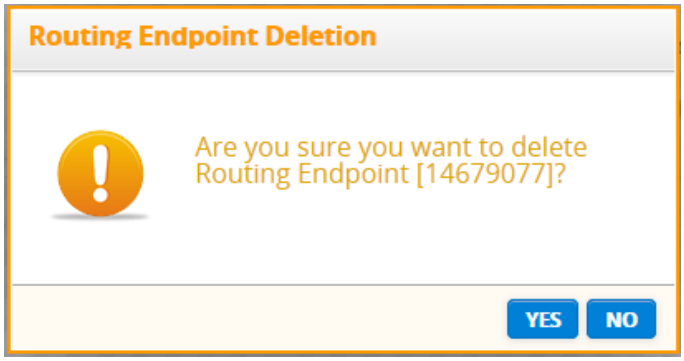
You cannot delete an endpoint configuration, if one of the messages for which it is configured has not been successfully processed.

To delete an endpoint configuration, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **Routing Endpoints** > **Search**
2. Fill in the search criterions for the configuration to delete and click Search button
3. Click on the configuration you want to delete in the search result list (Figure 43 - Routing Endpoint Search Page)
4. You can now see the configuration details
5. Click Delete button at the bottom right

6. Confirm the deletion (Figure 46 - Routing Endpoint Deletion Confirmation)

Figure 46 - Routing Endpoint Deletion Confirmation pop-up



8.5. CIPAdmin User Management

The User is a person that can use the CIPAdmin Console for defining generic or business specific configurations. To do that the User must be configured and given access rights. This can be done via the administration console as described in the following subsections.

8.5.1. Creating a User

To create a user:

1. Navigate the menu: **Business Configuration** > **CIPAdmin Users** > **Create**
2. The creation screen will be displayed as in Figure 47.
3. Fill in the desired information
4. Click Save button to save the data

If you are a General Administrator, you can create any type of user.

If you are Central Business Owner, you can create only users having Local Business Owner, Central Business Owner or Support role for your business domain.

Below you can find the specificity corresponding to the configuration of different types of users. In all cases the username is mandatory and you can have a user fulfilling different roles on different business domains (this is ensured by adding more user configurations, one for each specific role of the user). Note that though passwords fields are present they are not used internally in the commission (they are used and thus mandatory in the open version), as the application uses ECAS to authenticate the user to the application.

- Configuring ADM users:
    - You must add a configuration with ADM user role.
    - If you want to create an ADM with the same rights as yourself, you only need to add one configuration in which you do not specify any business domain.
    - If you have ADM rights on 5 business domains, and you want to create an ADM for only 2 of them, you need to add 2 configurations in which you specify the ADM user role, one for each of the 2 business domains.

- Configuring CBO users:
  - You must add a configuration with CBO user role and specify one of the business domains you are authorized with.
- Configuring LBO users:
  - You must add a configuration with LBO user role, specify one of the business domains you are authorized with and choose a party from this business domain to which to associate the user.

8.5.1.1. Adding new Access Rights Configurations

1. Fill in the access rights data in the New User Access Rights section
2. Click Add Configuration button
3. The new access rights configuration is displayed in the configuration list under the section User Access Rights

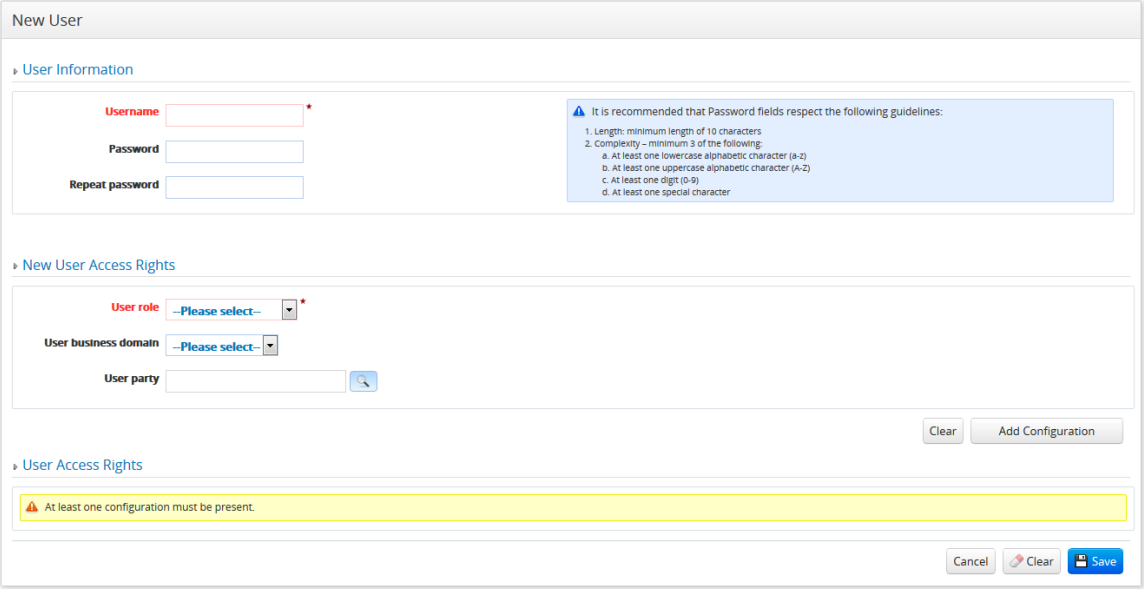
8.5.1.2. Modifying Access Rights Configurations

1. In the access rights configuration list, click button in the actions column corresponding to the configuration to modify
2. The configuration is loaded in the section New User Access Rights which becomes Edit User Access Rights
3. Do the necessary modifications and click Add Configuration button or click Cancel button if you changed your mind.
4. The configuration is updated in the access rights list to reflect the latest changes

8.5.1.3. Deleting access rights configurations

1. In the access rights configuration list, click button in the action column corresponding to the configuration to delete
2. Confirm the deletion of the selected configuration

Figure 47 - User Creation Page



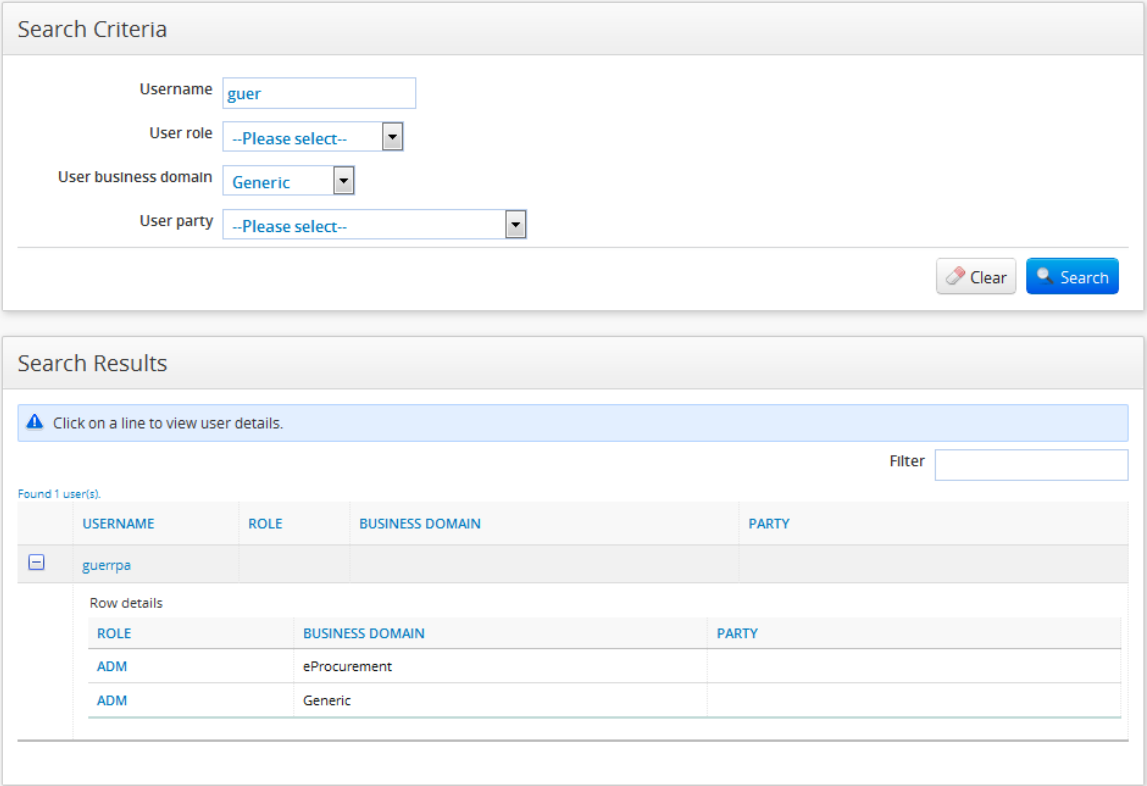
8.5.2. Searching for a User

To search for a user, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **CIPAdmin User** > **Search**
2. Fill in the desired criteria (you can search by username, user role, business domain, user party or any combination of them)
3. Click Search button
4. The search result will be displayed in the section at the bottom (Figure 48 - User Search Page)

Please see section 3.2 for common search considerations.

Figure 48 - User Search Page



8.5.3. Visualising User Information

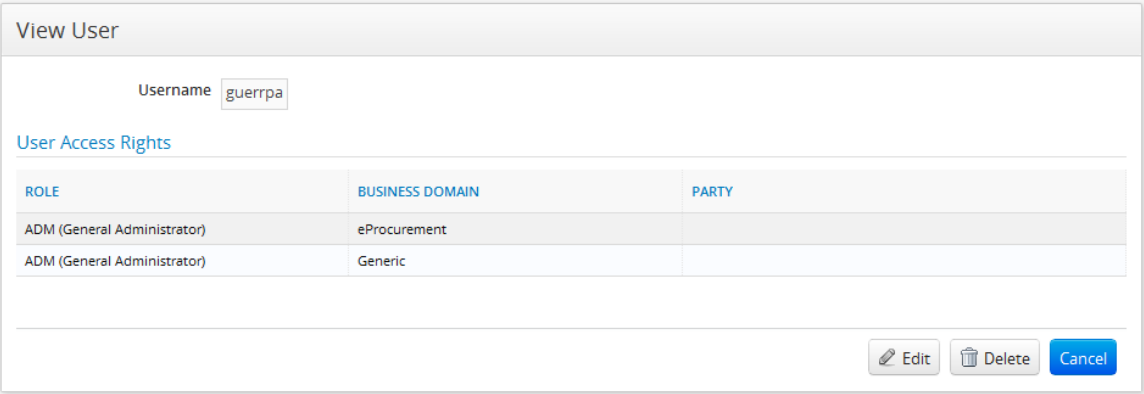
To see user information, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **CIPAdmin User** > **Search**
2. Fill in the search criterions for the desired user and click 

3. Click on the user you want to see in the search result list
4. You can now see the user details as in Figure 49 - User Visualisation Page

Please see section 3.3 for common visualisation considerations.

Figure 49 - User Visualisation Page



8.5.4. Modifying a User

You cannot modify your own user details.

If you are ADM, you can modify any user pertaining to the business domains you are authorized with.

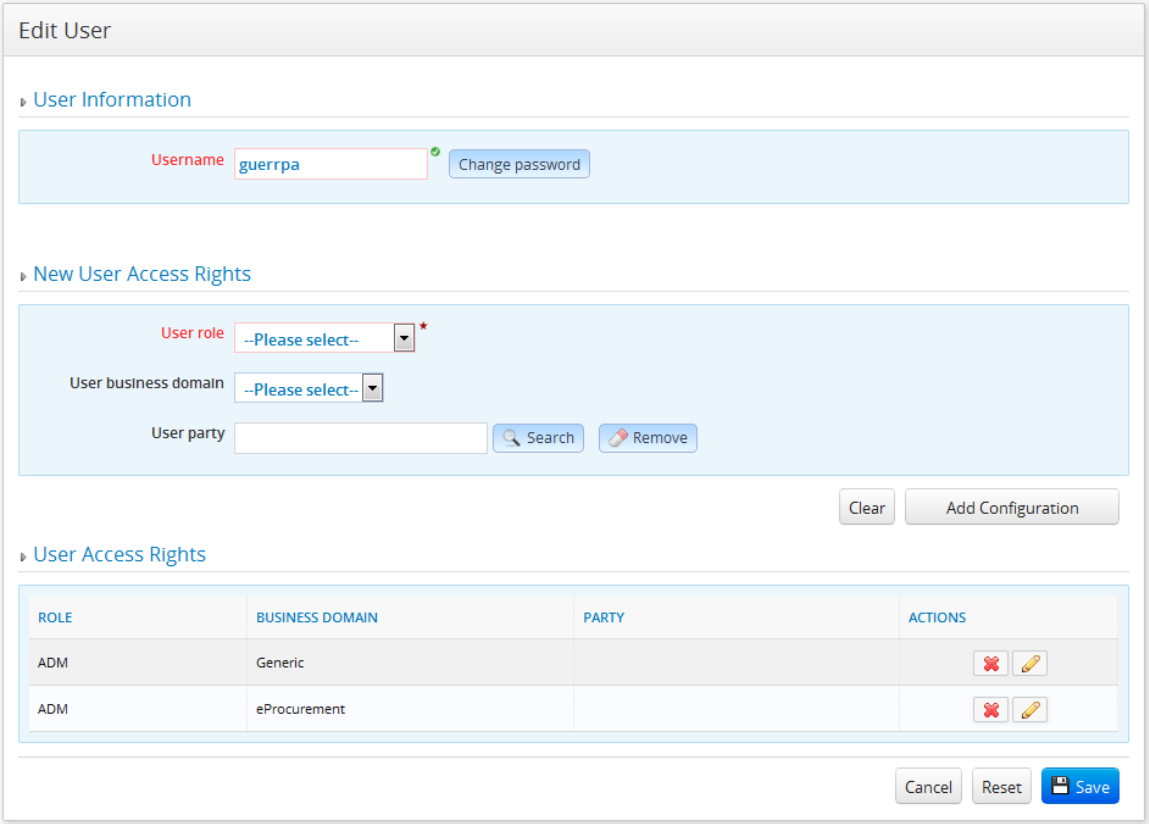
If you are CBO, you can only modify LBO users belonging to the business domain you are configured with.

To modify user information, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **CIPAdmin User** > **Search**
2. Fill in the search criterions for the desired user and click Search
3. Click on the user you want to modify in the search result list (Figure 48 - User Search Page)
4. You can now see the user details as in Figure 49 - User Visualisation Page
5. Click Edit button at the bottom right
6. You can now see the user modification screen (Figure 50 - User Modification Page)
7. Fill in or change the desired information (you cannot change the username)
    a. User password
        i. For internal version, as the application is using ECAS authentication, the password fields are not used.
        ii. For open source version the password of the user can be changed.
    b. Add, change or remove user access rights configurations as described in the end of section 8.5.1 Creating a User.
8. Click Save button to save the modifications

Please see section 3.1 for common creation considerations.

Figure 50 - User Modification Page



8.5.5. Deleting a User

You cannot delete your user account.

If you are ADM, you can delete any user pertaining to the business domains you are authorized with.

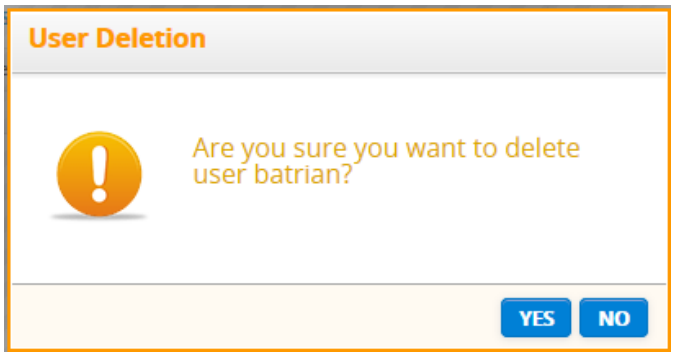
If you are CBO, you can only delete LBO users belonging to your business domain.

Both for ADM and CBO, there is an exception: if the user you want to delete has access rights for a business domain you don't. In this case you can modify the user, and remove the access rights granted on the business domains you are authorized with.

To delete a user, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **CIPAdmin User** > **Search**
2. Fill in the search criterions for the desired user and click Search
3. Click on the user you want to delete in the search result list (Figure 48 - User Search Page)
4. You can now see the user details as in Figure 49 - User Visualisation Page
5. Click Delete button at the bottom right
6. Confirm the deletion (Figure 51 - Confirmation of User Deletion)

Figure 51 - Confirmation of User Deletion



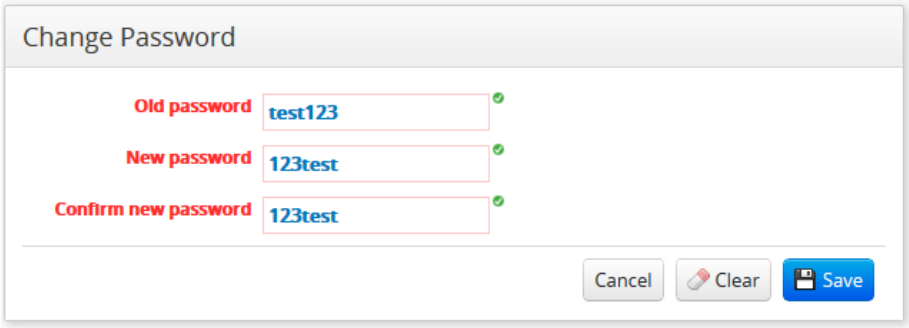
8.5.6. Changing Your Password

Any user is able to change his/her own password.

To change your password, follow the next steps:

1. Navigate the application menu: **Business Configuration** > **CIPAdmin User** > **Change Password**
2. Fill in your old password
3. Fill in your new password twice
4. Click Save button to save your new password (Figure 52Figure 1)

Figure 52 - Change Password page



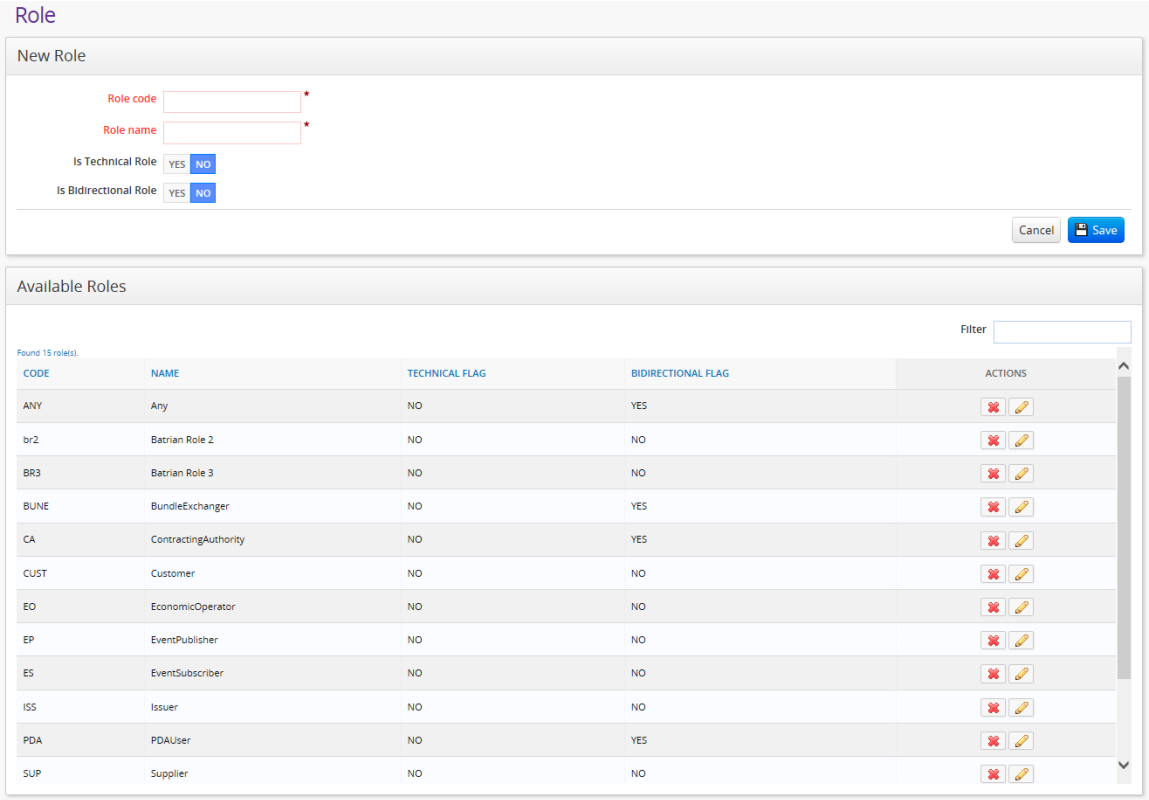
9. Technical Configurations

9.1. Party Role

A Party Role contains the information about the job function or title which is associated with expected behaviour or responsibilities of a party.

The configuration and management of party roles is done using a single screen (Figure 53).

Figure 53 - Party Role Page



9.1.1. Creating a Party Role

To create a party role:

1. Navigate the menu: **Technical Configuration** > **Party Roles**
2. The Party Role screen will be displayed as in Figure 53.
3. Fill in the party role information in the **New Role** section
    - **Role code** is mandatory and must be unique
    - **Role name** or description is mandatory and must be unique
    - The **technical flag** is reserved for technical roles
    - The **bidirectional flag** is used to indicate if the role can be used by both parties of an interchange agreement. E.g. BundleExchanger role can be used by both parties of an interchange agreement, whilst Supplier and Customer roles can only be used by one of the parties of an interchange agreement
4. Click Save button to save the data or click Cancel to disregard your input

Please see section 3.1 for common creation considerations.

9.1.2. Searching for a Party Role

To search for a party role, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Party Roles**

2. In the **Available Roles** section of the party role screen (Figure 53) :
   - Either scroll to the desired party role in the party role
   - Or use the **Filter** in the top right corner to quickly filter the lines corresponding to the entered criteria

9.1.3. Visualising a Party Role

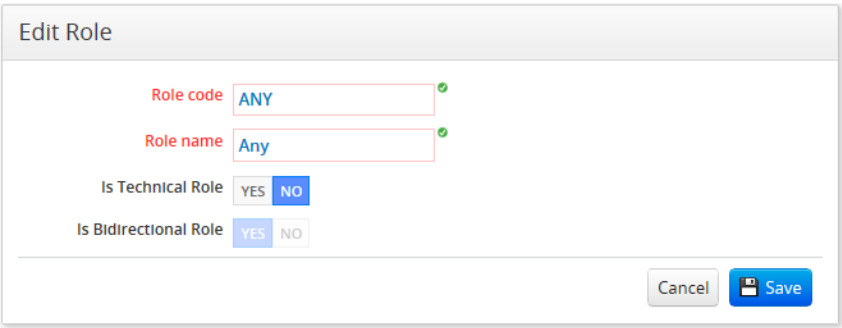
To view a party role, you can follow the same steps as for Searching for a Party Role. All the party role information is shown at the line level.

9.1.4. Modifying a Party Role

To modify a party role, follow the steps:

1. See steps for Searching for a Party Role
2. Click button on the line of the party role you want to modify
3. The role is loaded in the **Edit Role** section (Figure 54 - Edit Role Section)
4. Make the desired changes. You cannot modify the role code. You cannot change a bidirectional flag set to Yes, if the role is used in an interchange agreement configuration.
5. Click Save button to save the modifications
6. The modified role can now be seen in the section **Available Roles**

Figure 54 - Edit Role Section



9.1.5. Deleting a Party Role

You cannot delete a party role, if it is used in an interchange agreement or transaction configuration.

To delete a party role, follow the steps:

1. See steps for Searching for a Party Role
2. Click button on the line of the party role you want to delete
3. Confirm the deletion
4. The list of roles is refreshed

9.2. Document

A document is a type of data that can be exchanged between two parties that have an interchange agreement in the context of a profile.

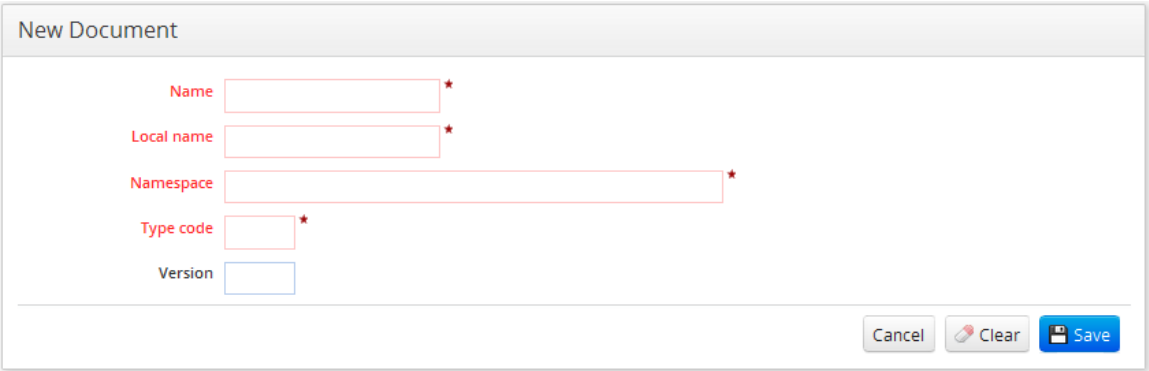
9.2.1. Creating a Document

To create a document:

1. Navigate the menu: **Technical Configuration** > **Document** > **Create**
2. The creation screen will be displayed as in Figure 55.
3. Fill in the document information
4. Click Save button to save the data

Please see section 3.1 for common creation considerations.

Figure 55 - Document Creation Page



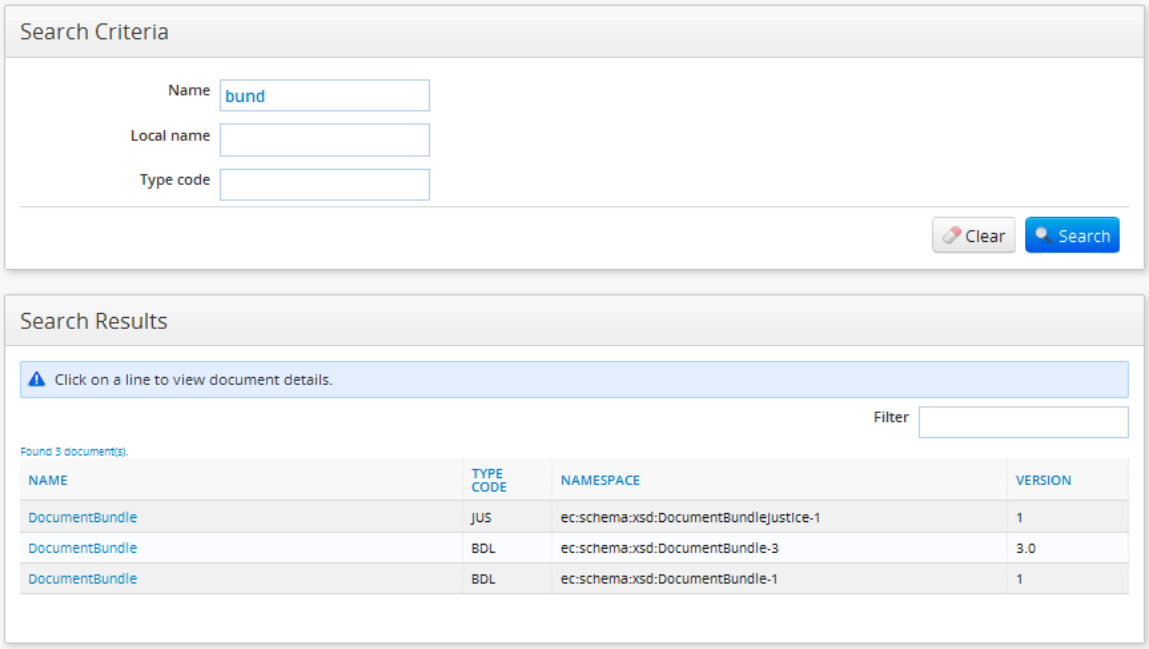
9.2.2. Searching for a Document

To search for a document, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Document** > **Search**
2. Fill in the desired criteria in **Search Criteria** section (Figure 56 - Document Search Page). You can search by document name, local name, document type code or any combination of them.
3. Click Search button
4. The search results will are displayed in the section at the bottom (Figure 56 - Document Search Page)

Please see section 3.2 for common search considerations.

Figure 56 - Document Search Page



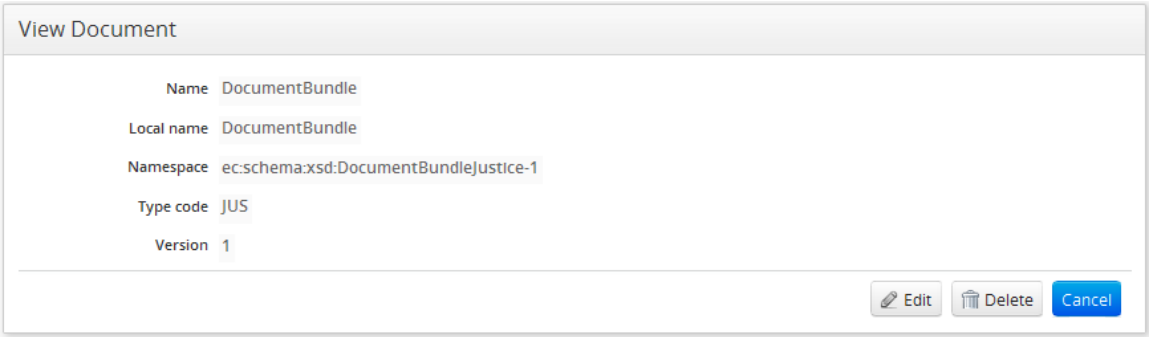
9.2.3. Visualising a Document

To see document information, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Document** > **Search**
2. Fill in the search criterions for the desired document and click Search button
3. Click on the document you want to see in the search results list
4. You can now see the document details as in Figure 57 - Document Visualization Page

Please see section 3.3 for common visualisation considerations.

Figure 57 - Document Visualization Page



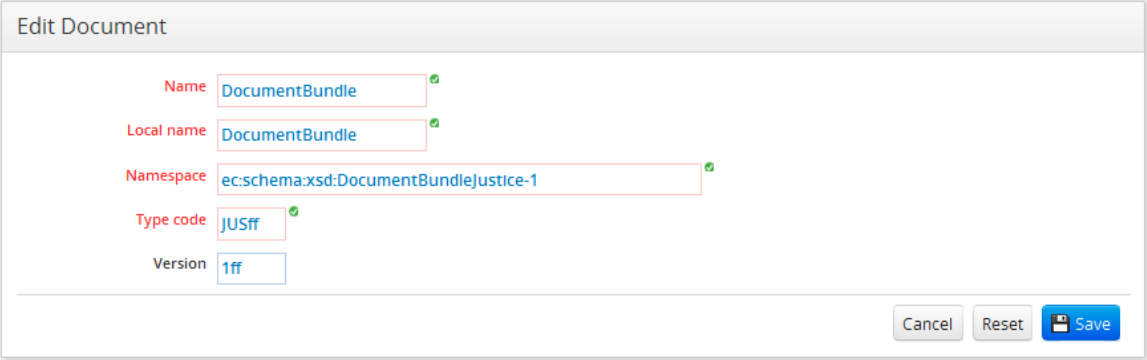
9.2.4. Modifying a Document

To modify document information, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Document** > **Search**

2. Fill in the search criterions for the desired document and click Search button
3. Click on the document you want to modify in the search result list (Figure 56 - Document Search Page)
4. You can now see the document details as in Figure 57 - Document Visualization Page
5. Click Edit button at the bottom right
6. You can now see the document modification screen (Figure 58 - Document Modification Page) and edit the document
7. Fill in or change the desired information (you cannot change the document name)
8. Click Save button to save the modifications

Figure 58 - Document Modification Page

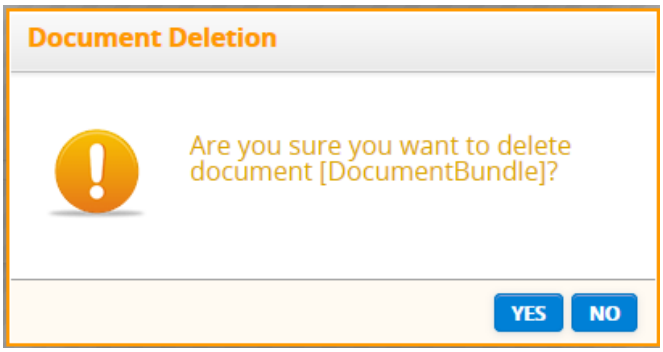


9.2.5. Deleting a Document

To delete a document, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Document** > **Search**
2. Fill in the search criterions for the desired document and click Search button
3. Click on the document you want to delete in the search result list (Figure 56 - Document Search Page)
4. You can now see the document details as in Figure 57 - Document Visualization Page
5. Click Delete button at the bottom right
6. Confirm the deletion (see Figure 59)

Figure 59 - Document Deletion Confirmation



9.3. Transaction

The Transaction describes one possible information exchange scenario. This would include the roles involved in the information exchange and the type of document.

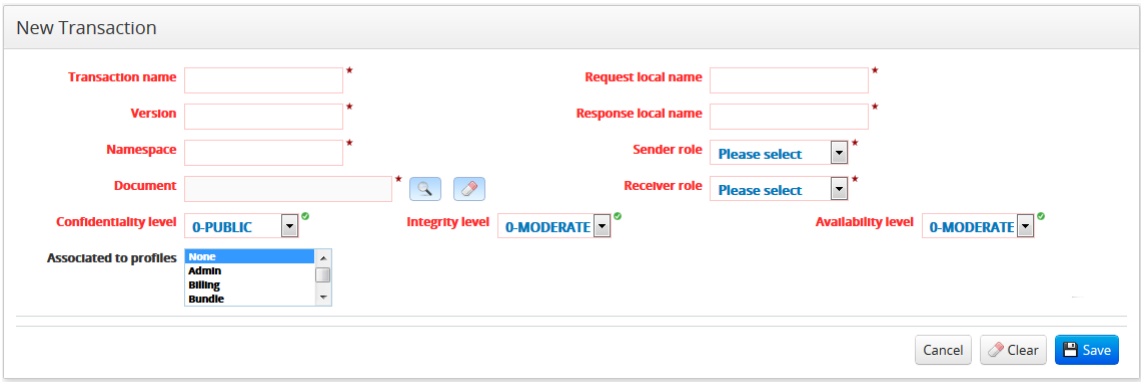
9.3.1. Creating a Transaction

To create a transaction:

1. Navigate the menu: **Technical Configuration** > **Transaction** > **Create**
2. The creation screen is displayed as in Figure 60 - Transaction Creation Page.
3. Fill in the transaction information
4. Click Save button to save the data

Please see section 3.1 for common creation considerations.

Figure 60 - Transaction Creation Page



9.3.2. Searching for a Transaction

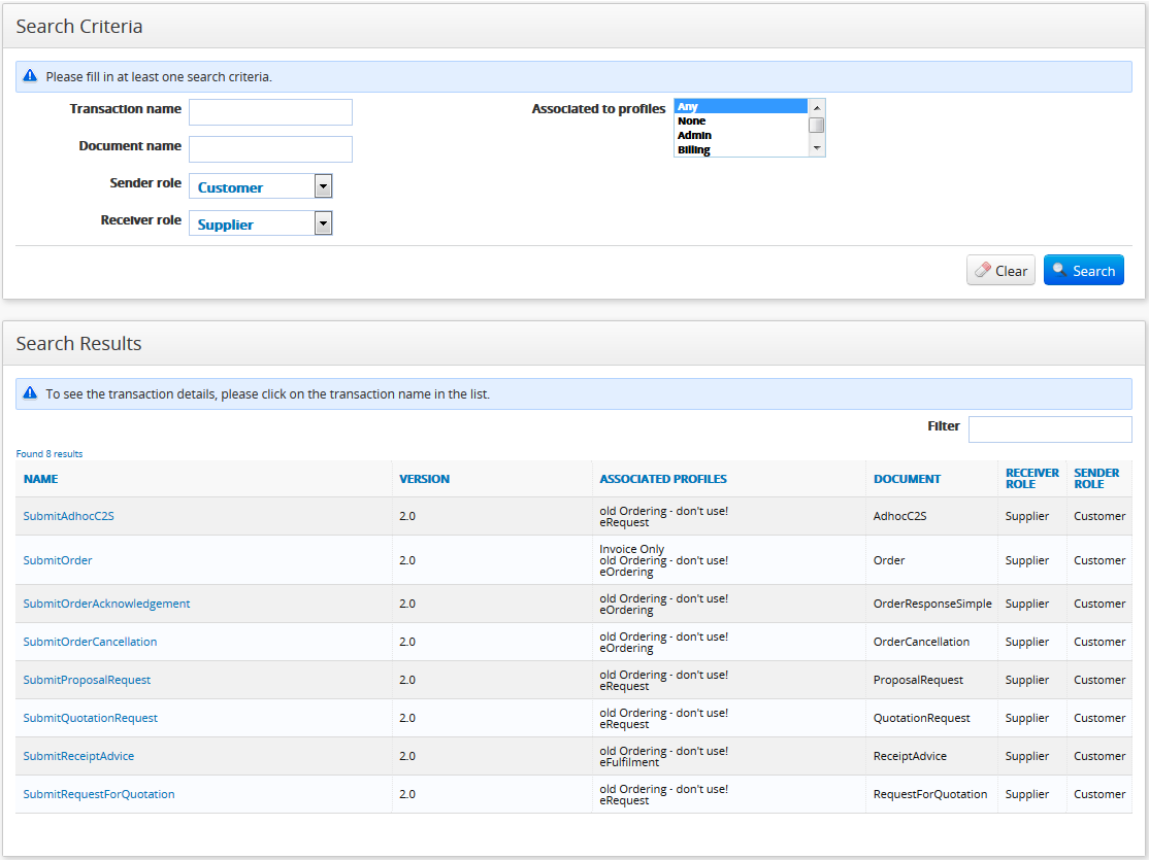
To search for a transaction, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Transaction** > **Search**
2. Fill in the desired criteria in **Search Criteria** section (Figure 61 - Transaction Search Page). You can search by transaction name, document name, sender or receiver roles, and associated profiles.
3. Click Search button

4. The search result is displayed in the section at the bottom (Figure 61 - Transaction Search Page)

Please see section 3.2 for common search considerations.

Figure 61 - Transaction Search Page



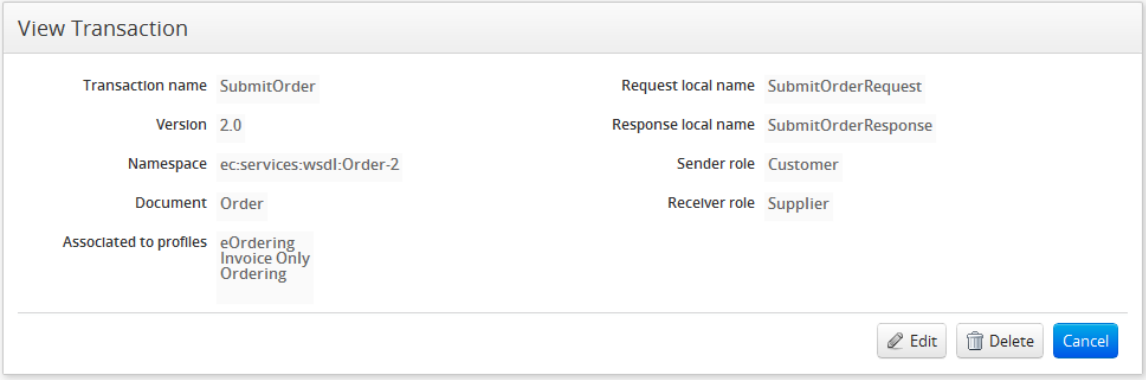
9.3.3. Visualising a Transaction

To see transaction information, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Transaction** > **Search**
2. Fill in the search criterions for the desired transaction and click  button
3. Click on the transaction you want to see in the search result list
4. You can now see the transaction details as in Figure 62 - Transaction Visualisation Page

Please see section 3.3 for common visualisation considerations.

Figure 62 - Transaction Visualisation Page



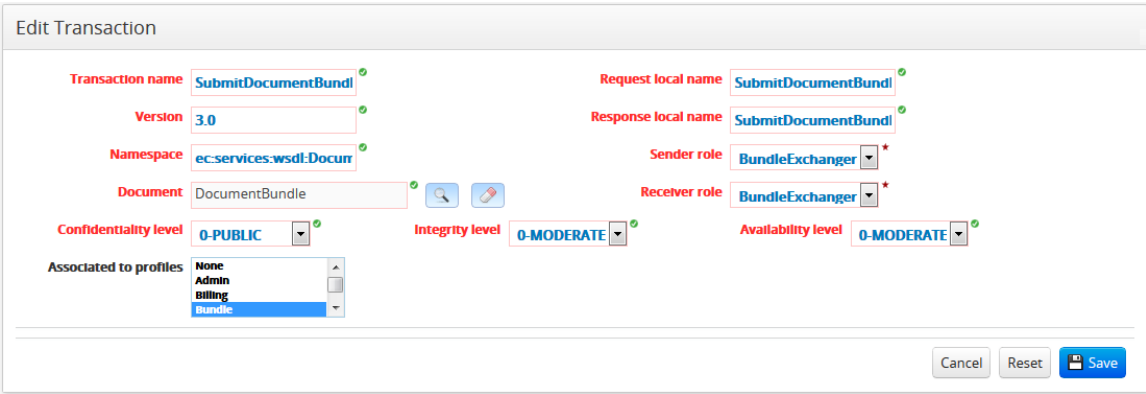
9.3.4. Modifying a Transaction

You cannot modify a transaction if messages using this transaction configuration have been received.

To modify transaction information, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Transaction** > **Search**
2. Fill in the search criterions for the desired document and click Search button
3. Click on the transaction you want to modify in the search result list
5. You can now see the transaction details as in Figure 62 - Transaction Visualisation Page
4. Click Edit button at the bottom right
5. You can now see the transaction modification screen (Figure 63 - Transaction Modification Page)
6. Fill in or change the desired information
7. Click Save button to save the modifications

Figure 63 - Transaction Modification Page



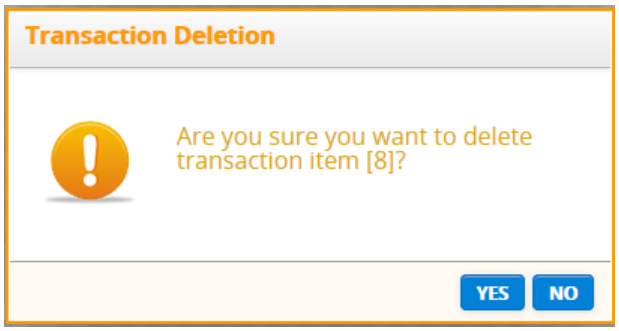
9.3.5. Deleting a Transaction

You cannot delete a transaction if messages using this transaction configuration have been received or the transaction is used for other configuration purposes (such as endpoint, profile etc.).

To delete a transaction, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Transaction** > **Search**
2. Fill in the search criterions for the desired transaction and click Search button
3. Click on the transaction you want to delete in the search result
4. You can now see the transaction details
5. Click Delete button at the bottom right
6. Confirm the deletion (Figure 64 - Transaction Deletion Confirmation)

Figure 64 - Transaction Deletion Confirmation pop-up



9.4. Profile

A Profile is the entity that captures the aspects of a business collaboration represented by a set of transactions, so certain document types that can be exchanged between parties having specific roles as defined in the profile transactions.

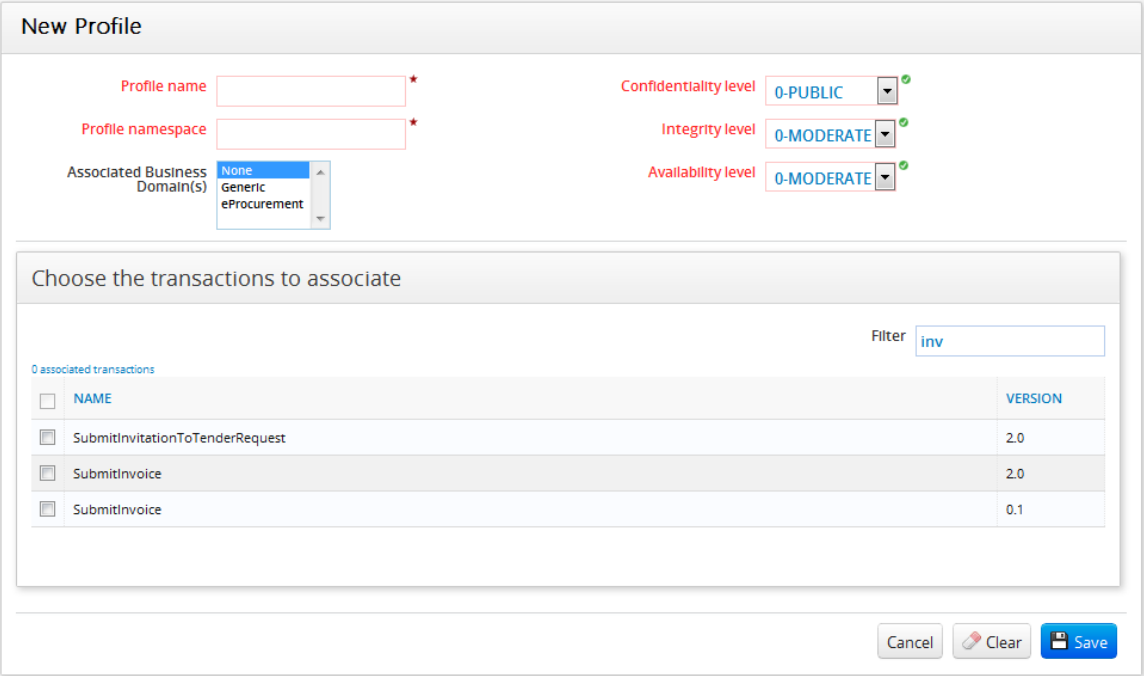
9.4.1. Creating a Profile

To create a profile:

1. Navigate the menu: **Technical Configuration** > **Profile** > **Create**
2. The creation screen will be displayed as in Figure 65 - Profile Creation Page.
3. Fill in the profile information and choose the transactions to associate
4. Click Save button to save the data

Please see section 3.1 for common creation considerations.

Figure 65 - Profile Creation Page



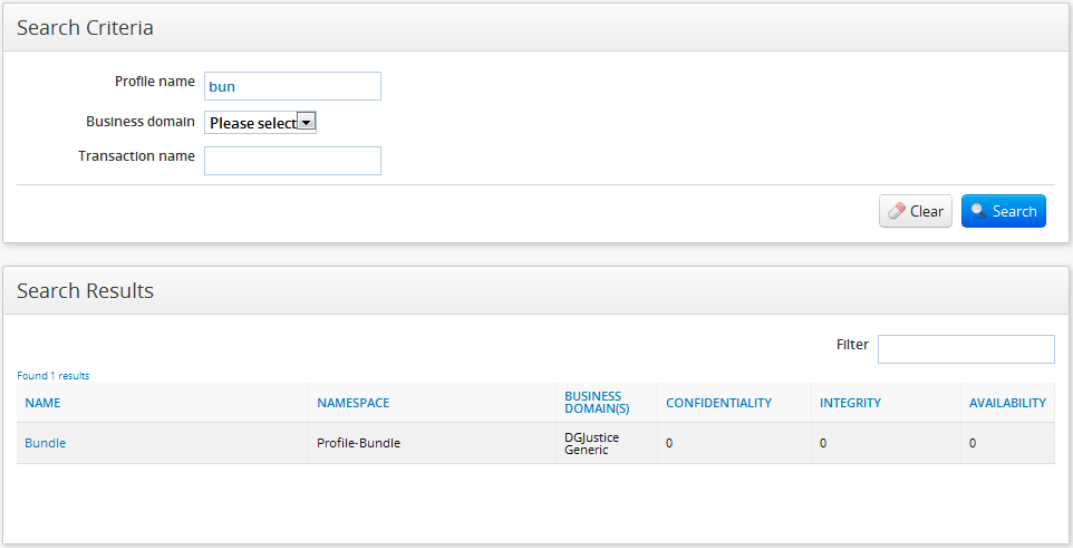
9.4.2. Searching for a Profile

To search for a profile, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Profile** > **Search**
2. Fill in the desired criteria in **Search Criteria** section (Figure 66 - Profile Search Page). You can search by profile name, business domain, and transaction belonging to the profile.
3. Click Search button
4. The search results are displayed in the section at the bottom (Figure 66 - Profile Search Page)

Please see section 3.2 for common search considerations.

Figure 66 - Profile Search Page



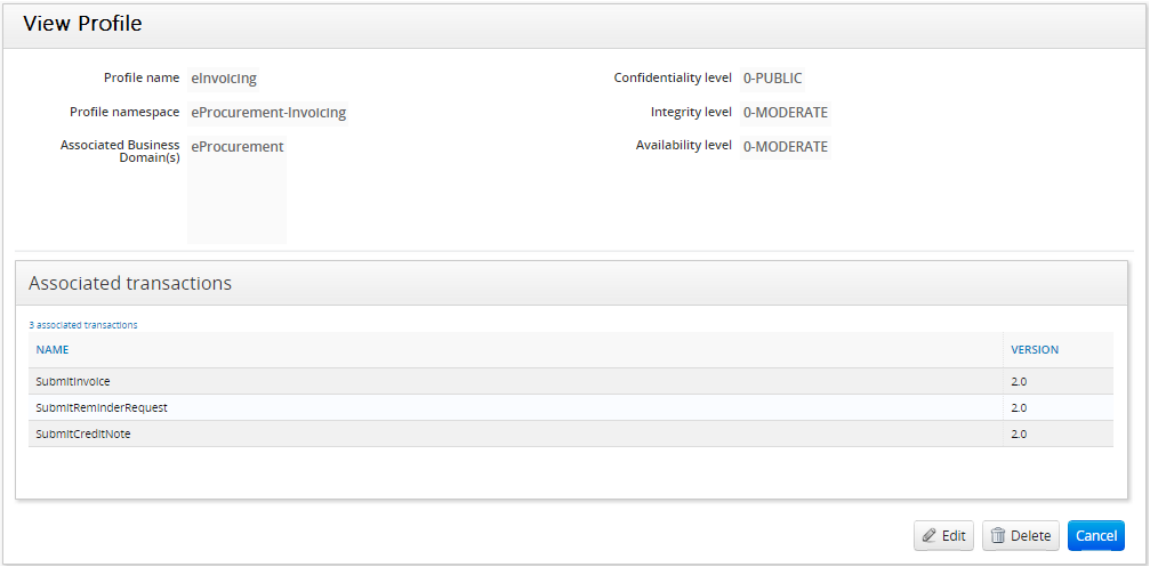
9.4.3. Visualising a Profile

To see profile information, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Profile** > **Search**
2. Fill in the search criterions for the desired profile and click Search button
3. Click on the profile you want to see in the search result list
4. You can now see the profile details as in Figure 67 - Profile View

Please see section 3.3 for common visualisation considerations.

Figure 67 - Profile View



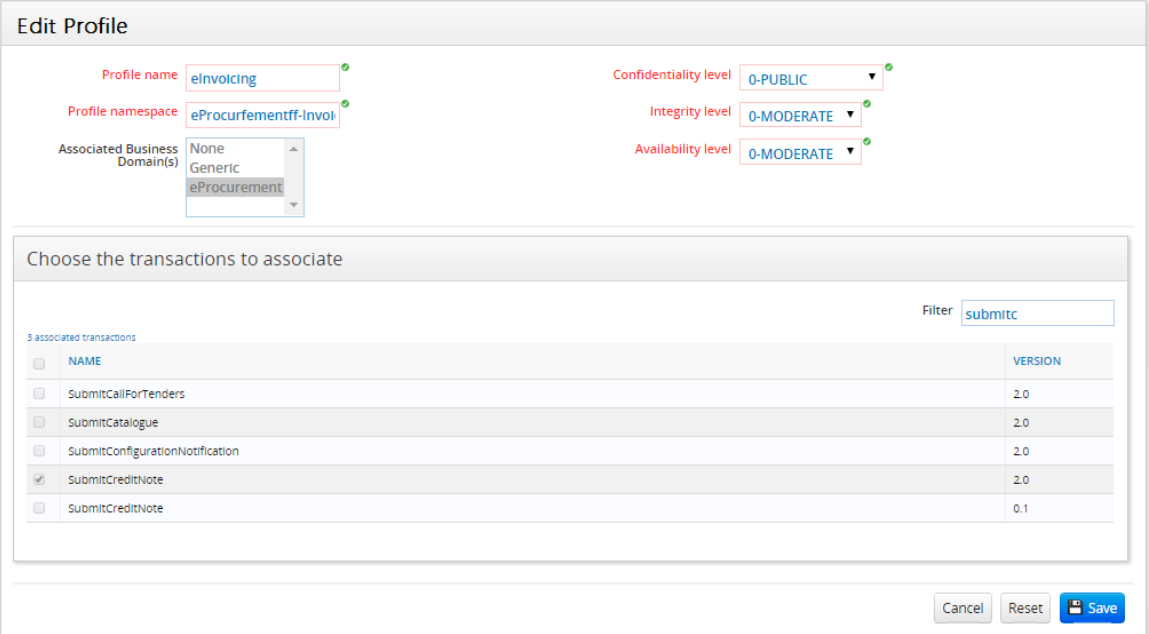
9.4.4. Modifying a Profile

You cannot modify the profile name and, if the profile is used to define an existing interchange agreement, the associated business domains and transactions.

To modify profile information, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Profile** > **Search**
2. Fill in the search criterions for the desired document and click Search button
3. Click on the profile you want to modify in the search result list
5. You can now see the profile details
4. Click Edit button at the bottom right
5. You can now see the profile modification screen (Figure 68 - Profile Modification Page)
6. Fill in or change the desired information
7. Click Save button to save the modifications

Figure 68 - Profile Modification Page



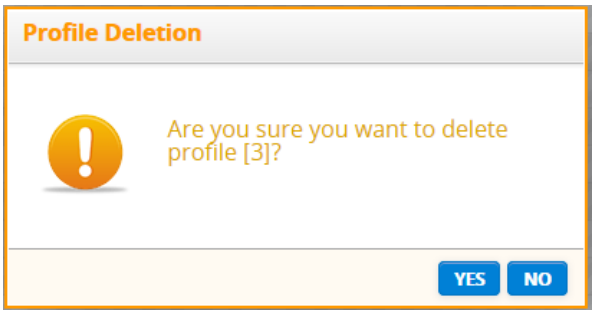
9.4.5. Deleting a Profile

You cannot delete a profile if there is an interchange agreement corresponding to it, or if it is used for configuration purposes (in endpoint configuration, metadata configuration etc.).

To delete a profile, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Profile** > **Search**
2. Fill in the search criterions for the desired transaction and click Search button
3. Click on the transaction you want to delete in the search result
4. You can now see the transaction details
5. Click Delete button at the bottom right
6. Confirm the deletion (Figure 69 - Profile Deletion Confirmation)

Figure 69 - Profile Deletion Confirmation pop-up



9.5. Metadata

A Metadata Item represents a property configured in the system. You can use metadata to configure the location of xsd files, different xpaths for extraction purposes, human readable templates to apply, specify if validation should be used or not etc.

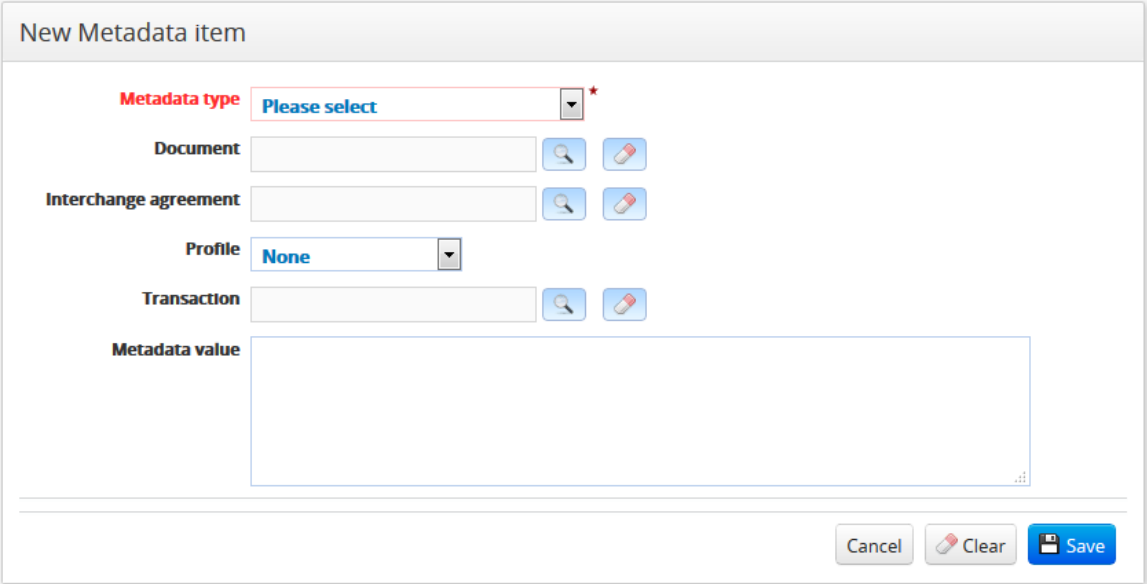
9.5.1. Creating a Metadata Item

To create a metadata item:

1. Navigate the menu: **Technical Configuration** > **Metadata** > **Create**
2. The creation screen will be displayed as in Figure 70 - Metadata Creation Page.
3. Fill in the metadata item information
4. Click Save button to save the data

Please see section 3.1 for common creation considerations.

Figure 70 - Metadata Creation Page



9.5.2. Searching for a Metadata Item

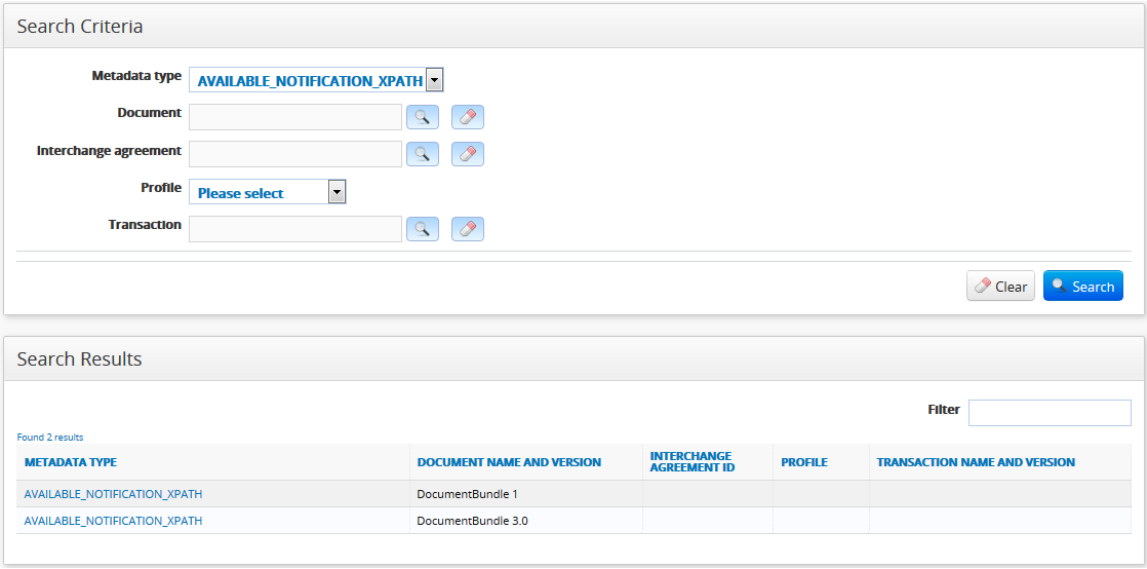
To search for a metadata item, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Metadata** > **Search**

2. Fill in the desired criteria in **Search Criteria** section (Figure 71 - Metadata Search Page). You can search by the type of metadata, the document, interchange agreement, profile or transaction for which it is configured or any combination of them.
3. Click Search button
4. The search results are displayed in the section at the bottom (Figure 71 - Metadata Search Page)

Please see section 3.2 for common search considerations.

Figure 71 - Metadata Search Page



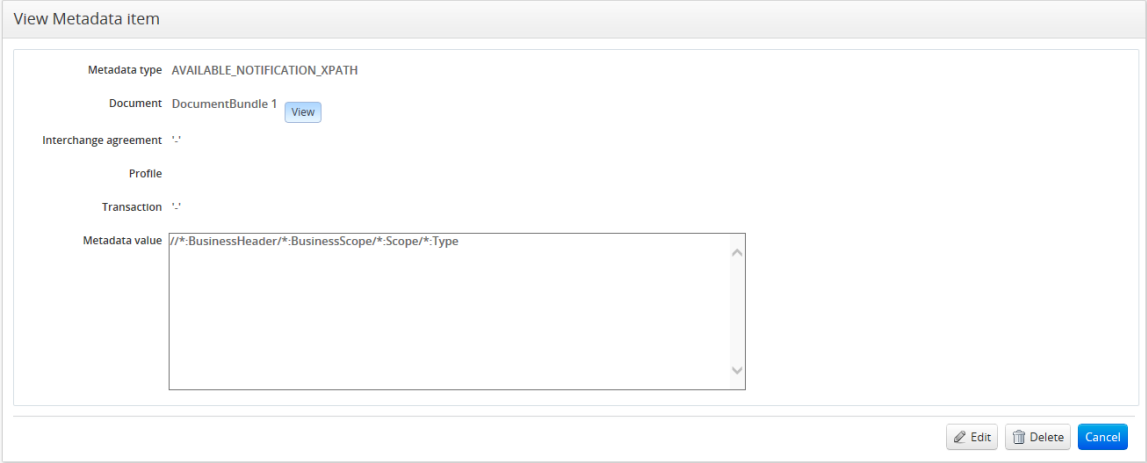
9.5.3. Visualising a Metadata Item

To see metadata item information, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Metadata** > **Search**
2. Fill in the desired criteria in **Search Criteria** section (Figure 71 - Metadata Search Page) and click Search button
3. Click on the metadata item you want to see in the search result list
4. You can now see the metadata details as in Figure 72 - Metadata Visualization Page

Please see section 3.3 for common visualisation considerations.

Figure 72 - Metadata Visualization Page

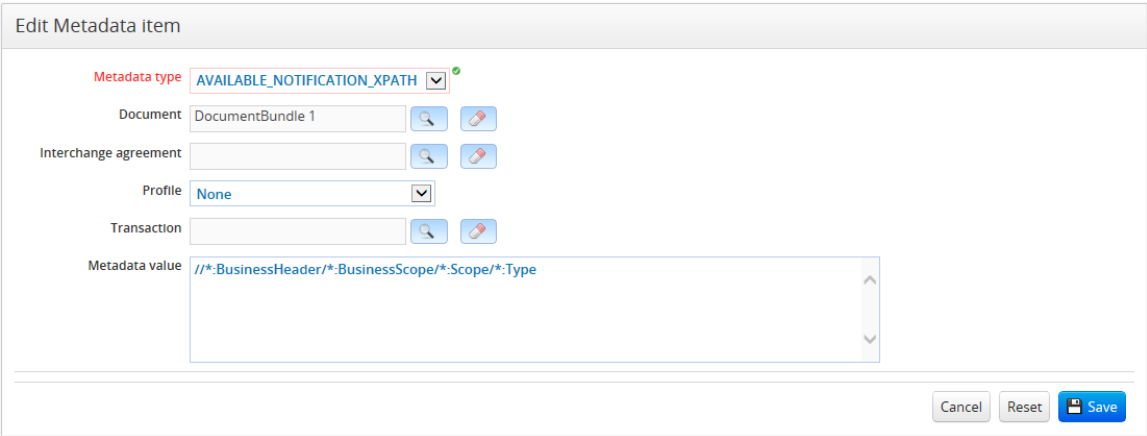


9.5.4. Modifying a Metadata Item

To modify a metadata item, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Metadata** > **Search**
2. Fill in the search criterions for the desired metadata item and click Search button
3. Click on the metadata you want to modify in the search result list (Figure 71 - Metadata Search Page)
4. You can now see the metadata details as in Figure 72 - Metadata Visualization Page
5. Click Edit button at the bottom right
6. You can now see the metadata modification screen (Figure 73 - Metadata Modification Page)
7. Fill in or change the desired information
8. Click Save button to save the modifications

Figure 73 - Metadata Modification Page

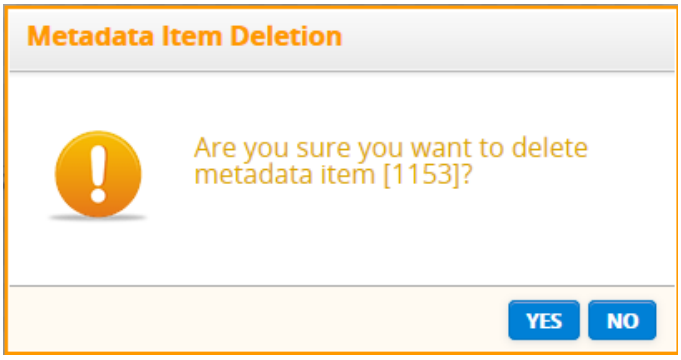


9.5.5. Deleting a Metadata Item

To delete a metadata item, follow the next steps:

1. Navigate the application menu: **Technical Configuration** > **Metadata** > **Search**
2. Fill in the search criterions for the desired metadata item and click Search button
3. Click on the metadata you want to delete in the search result list (Figure 71 - Metadata Search Page)
4. You can now see the metadata details as in Figure 72 - Metadata Visualization Page
5. Click Delete button at the bottom right
6. Confirm the deletion (Figure 74 - Metadata Deletion Confirmation popup)

Figure 74 - Metadata Deletion Confirmation popup



10. Monitoring and Support

10.1. Messages

Message module allows users to see what happened with a message, consult information related to it or take corrective actions.

E.g.

- What is the message status
- Has the message been retrieved
- Has the message been dispatched
- Consult binaries attached to the message
- Consult parent or child messages
- Check routing information
- Use redispatch action when needed

10.1.1. Searching for a Message

To search for a message, follow the next steps:

1. Navigate the application menu: **Monitoring and Support** > **Messages** (Figure 75 - Message Search Page)
2. Fill in the desired criteria in **Search Criteria** section. You can search by
   - Business domain
   - creation user
   - time period
   - message correlation id
   - document id
   - document type code
   - retrieved indicator
   - dispatched indicator
   - issuer, sender and/or receiver
   - interchange agreement
   - transaction
   - message status
   - any combination of the above
3. Click Search button
4. The search results are displayed in the section at the bottom (Figure 76 - Messages in state Error created since 21/03/2017)

Please see section 3.2 for common search considerations.

Figure 75 - Message Search Page

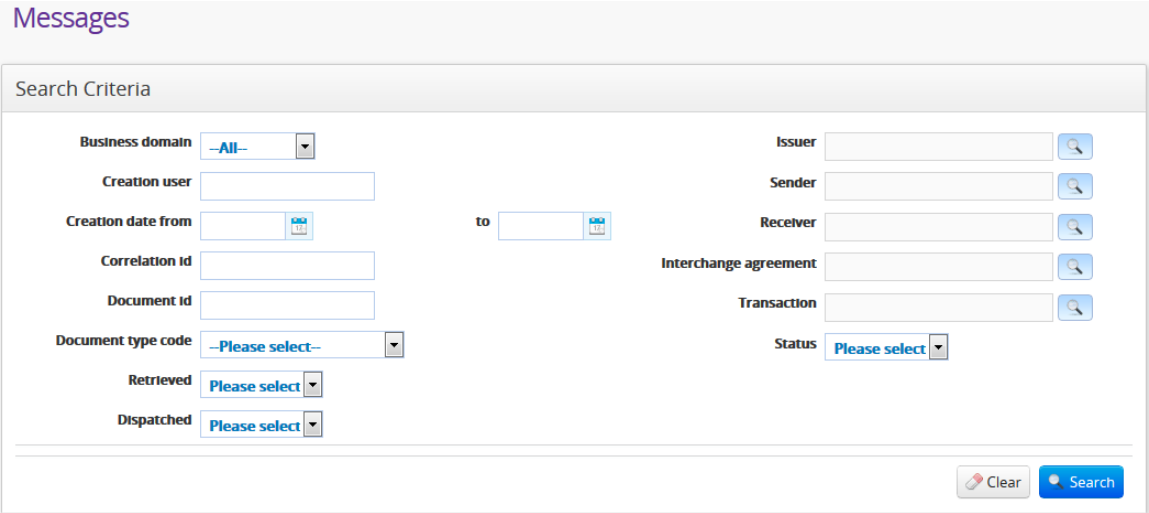
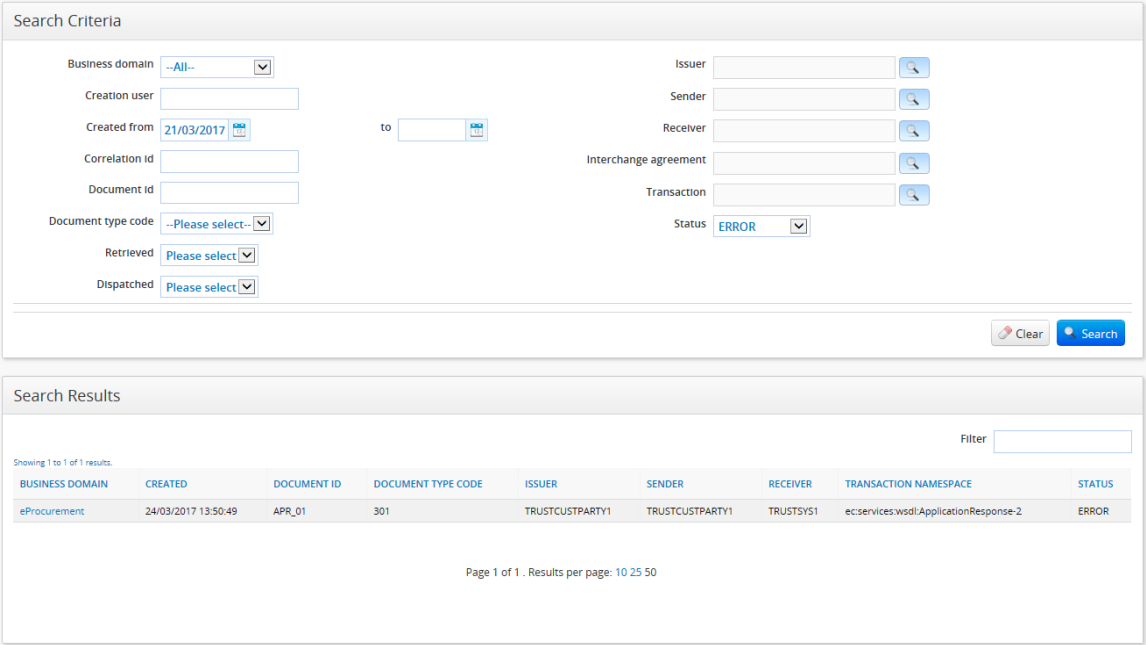


Figure 76 - Messages in state Error created since 21/03/2017



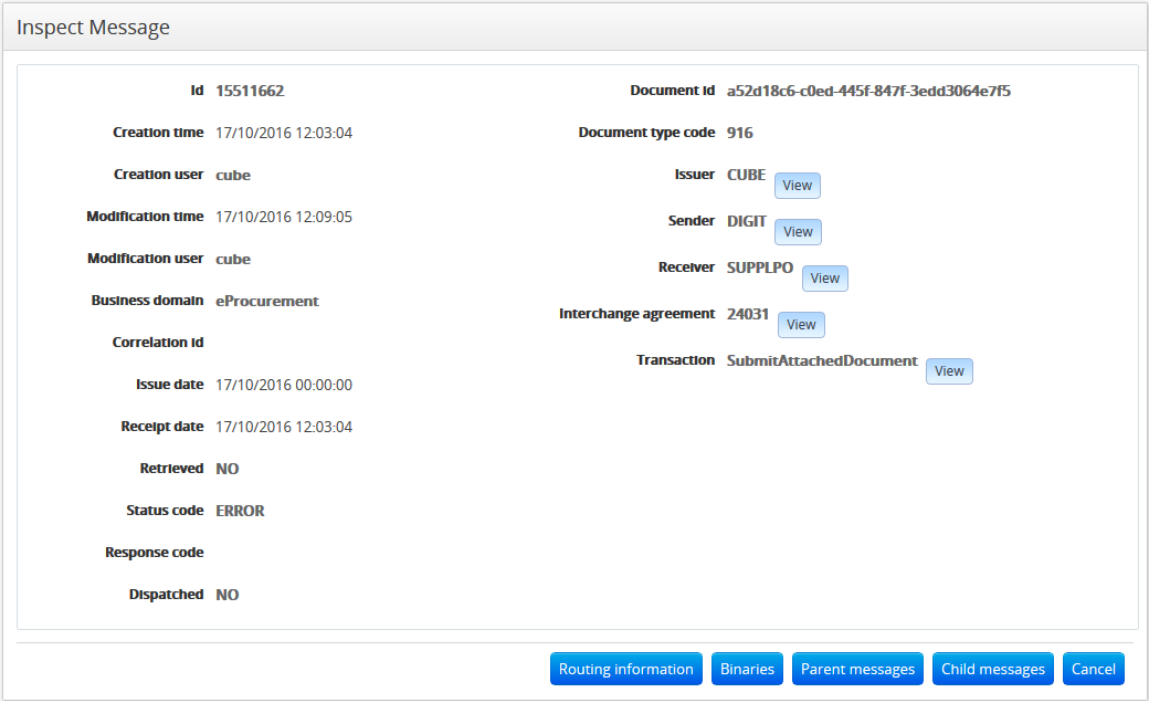
10.1.2. Visualizing a Message

To see the details of a message, follow the next steps:

1. Reproduce steps from 10.1.1 **Searching for a Message**
2. Click on the message line you want to see in the search result list
3. You can now see the message details (Figure 77 - Message details)
4. Furthermore, you can see issuer, sender and receiver details as well as interchange agreement and transaction details

Please see section 3.3 for common visualisation considerations.

Figure 77 - Message details

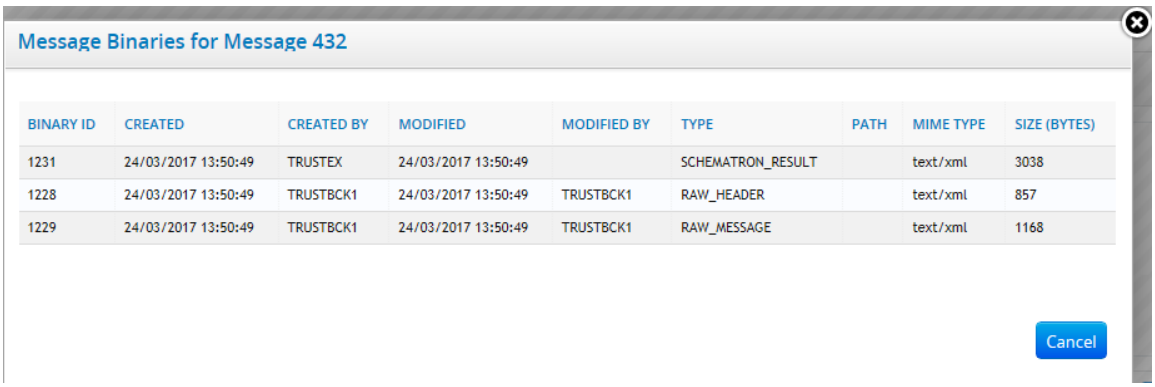


10.1.3. Visualizing Message Binaries Summary

To visualise the summary of the binaries attached to a message, follow the steps:

1. Reproduce steps from 10.1.2 **Visualizing a Message**
2. In the Message Details screen click Binaries button
3. The Message Binaries Summary page opens (Figure 78 - Message Binaries Summary)

Figure 78 - Message Binaries Summary



BINARY ID	CREATED	CREATED BY	MODIFIED	MODIFIED BY	TYPE	PATH	MIME TYPE	SIZE (BYTES)
1231	24/03/2017 13:50:49	TRUSTEX	24/03/2017 13:50:49		SCHEMATRON_RESULT		text/xml	3038
1228	24/03/2017 13:50:49	TRUSTBCK1	24/03/2017 13:50:49	TRUSTBCK1	RAW_HEADER		text/xml	857
1229	24/03/2017 13:50:49	TRUSTBCK1	24/03/2017 13:50:49	TRUSTBCK1	RAW_MESSAGE		text/xml	1168

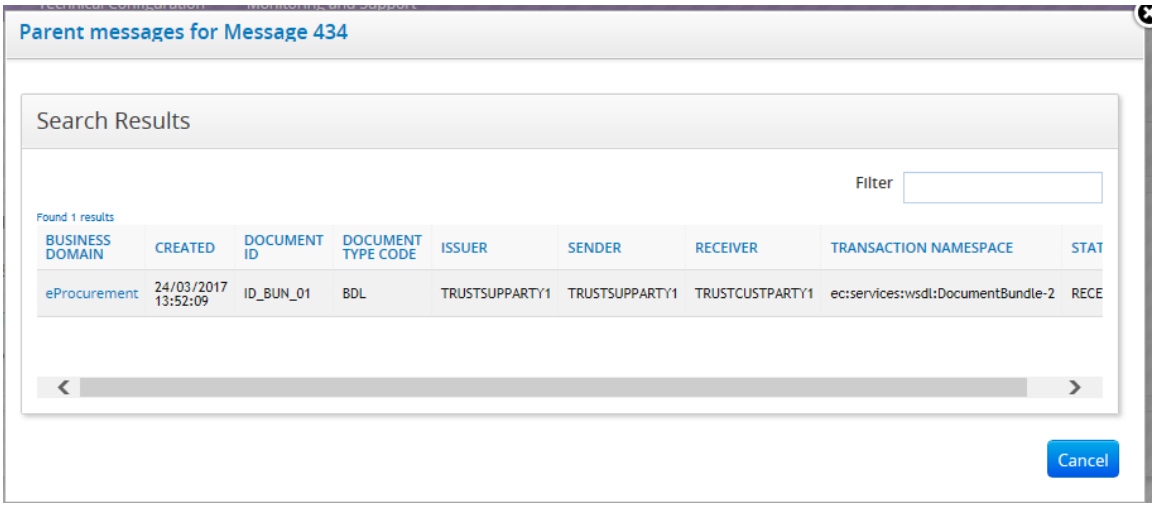
10.1.4. Visualizing the Parent Messages of a Message

To check the list of parent messages, follow the next steps:

1. Reproduce steps from 10.1.2 **Visualizing a Message**
2. In the Message Details screen click Parent messages button

3. The Parent Messages page opens (Figure 79 - Parent Messages)
4. Furthermore, clicking on a parent in the parent list (only for parents directly linked to the message, not for grand-parents) will open the details of the parent

Figure 79 - Parent Messages

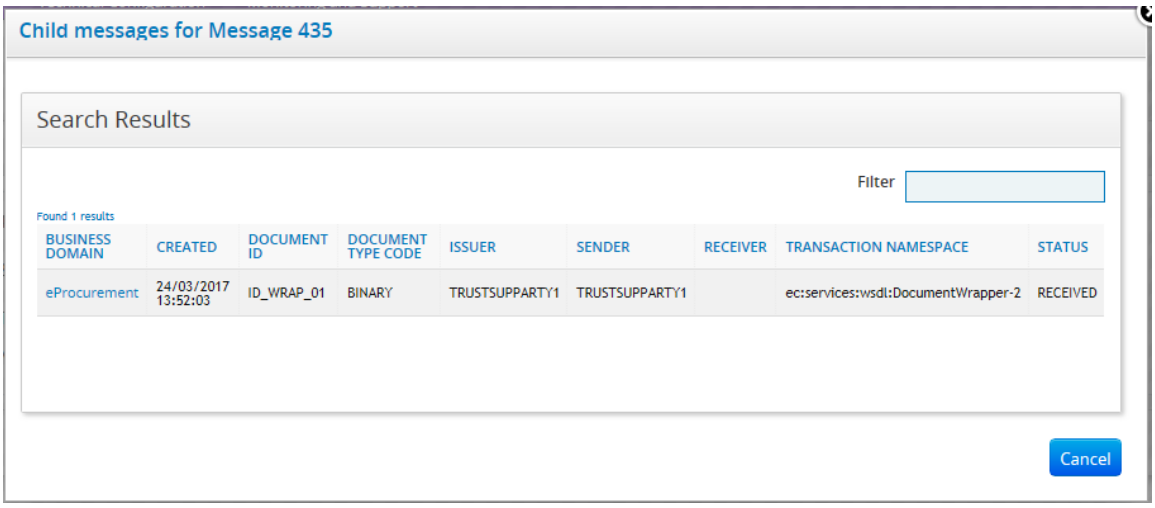


10.1.5. Visualizing the Child Messages of a Message

To check the list of child messages, follow the next steps:

1. Reproduce steps from 10.1.2 **Visualizing a Message**
2. In the Message Details screen click Child messages button
3. The Child Messages page opens (Figure 80 - Child Messages)
4. Furthermore, clicking on a child in the child list (only for children directly linked to the message, not for grand-children) will open the details of the child

Figure 80 - Child Messages

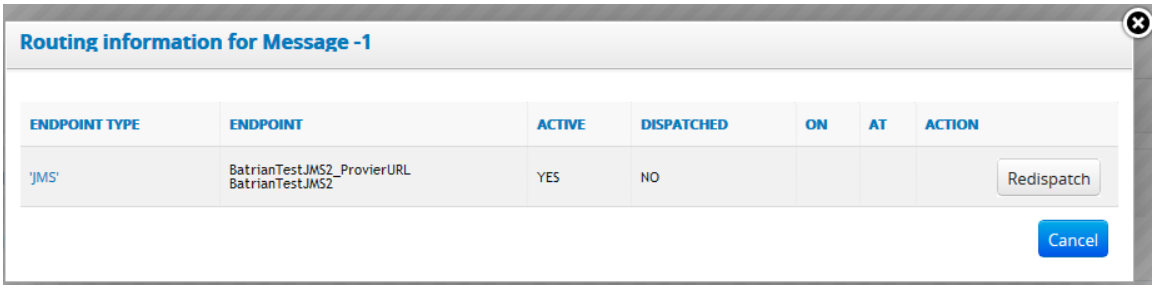


10.1.6. Visualizing Routing Information for a Message

To check the routing information for a message, follow the next steps:

1. Reproduce steps from 10.1.2 **Visualizing a Message**
2. In the Message Details screen click Routing information button
3. The Routing Information page opens (Figure 81 - Routing Information) showing the endpoints configured for the message, the dispatched status and the last dispatched date and hour

Figure 81 - Routing Information



10.1.7. Redispatching a Message

To redispatch a message, follow the next steps:

1. Reproduce steps from 10.1.6 **Visualizing Routing Information for a Message**
2. In the Routing Information page Click Redispatch button on the line of the endpoint to which the redispatching must be done
3. Confirm the redispatching action (Figure 82 - Redispatch Confirmation)
4. An information message will be displayed after the message is placed in the dispatching queue (Figure 83 - Redispatch Information Message)

Figure 82 - Redispatch Confirmation

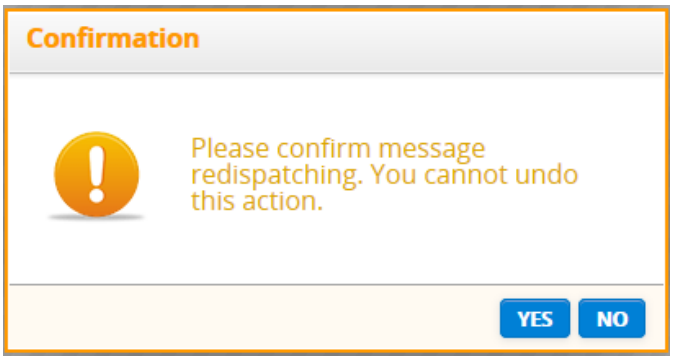
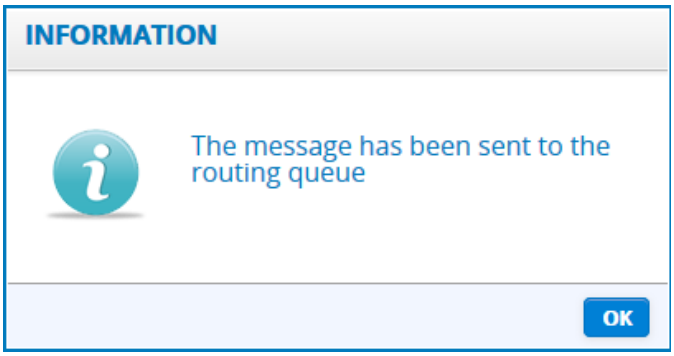


Figure 83 - Redispatch Information Message



10.2. CIPAdmin/eTrustEx Logs

The Logs are an important support feature of CIPAdmin. It is here where an investigation will start in case an error is reported. Just by having the log correlation id, a user in charge with error investigation can see every important action that has been taken from the beginning of the flow until the error occurred. This helps in understanding the conditions in which the error occurred, and makes it easier to reproduce it, and thus take the appropriate actions related to it.

10.2.1. Searching for a Log

To search for a log record, follow the next steps:

1. Navigate the application menu:
   - For CIPAdmin logs: **Monitoring and Support** > **CIPAdmin Logs** (Figure 84 - CIPAdmin Logs Search Page)
   - For eTrustEx logs: : **Monitoring and Support** > **eTrustEx Logs** (Figure 85 - eTrustEx Logs Search Page)
2. Fill in the desired criteria in **Search Criteria** section
   - For CIPAdmin logs, you can search by
     - creation date and time
     - log type: SUCCESS or ERROR
     - operation: creation, modification, etc.
     - the entity on which the operation was executed: party, interchange agreement etc.
     - the business domain where the event occurred
     - the username of the user that was connected to the administration console when the event happened
     - the session id of the administration console session
     - the id of the entity on which the operation was executed: party id, user id etc.
   - for eTrustEx logs, you can search by

- creation date and time
- log type: Authorisation, Dispatch, Retrieve, Store etc.
- operation: authorization, validation, etc.
- the business domain where the event occurred
- the document type code and id
- correlation and business correlation id
- issuer, sender and receiver id

3. Click Search button
4. The search results are displayed in the section at the bottom

Please see section 3.2 for common search considerations.

Figure 84 - CIPAdmin Logs Search Page

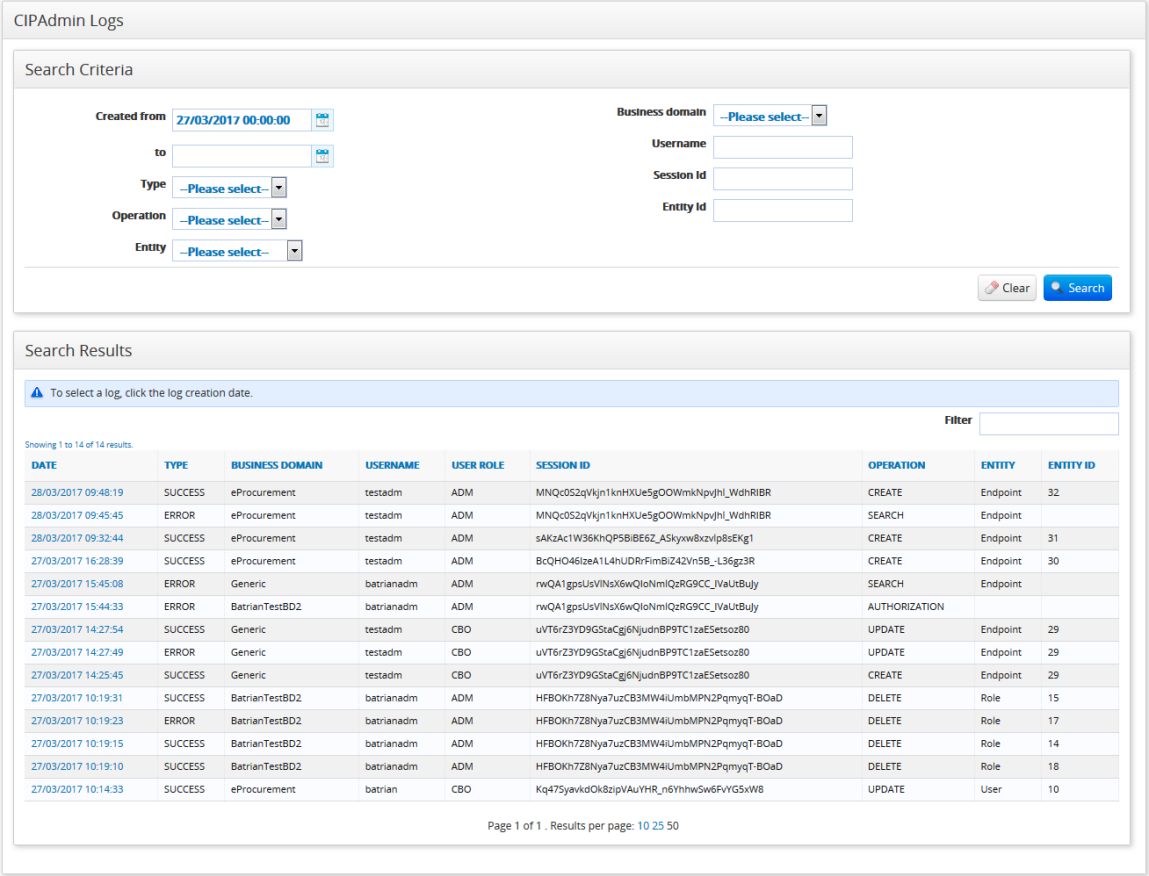
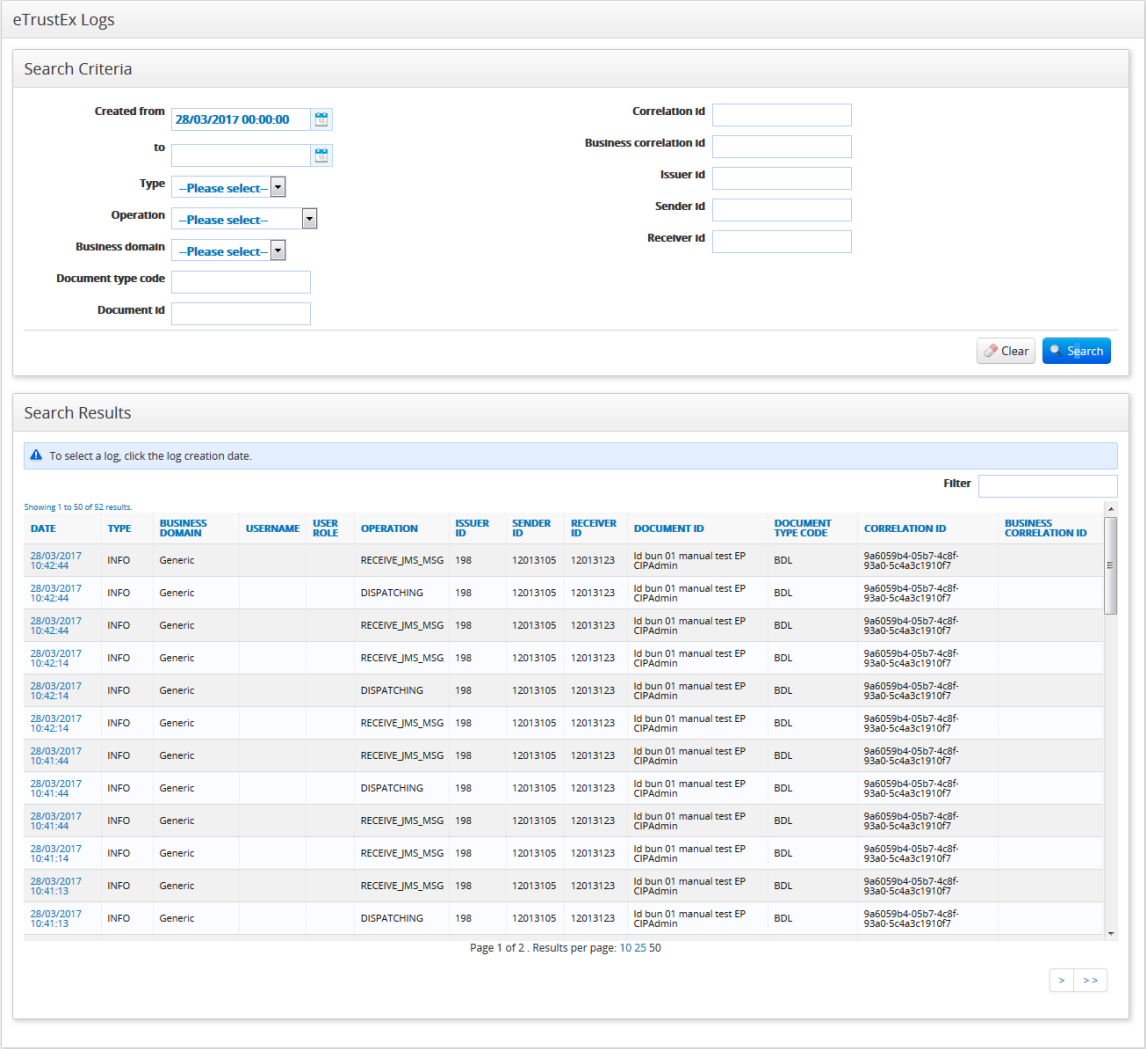


Figure 85 - eTrustEx Logs Search Page



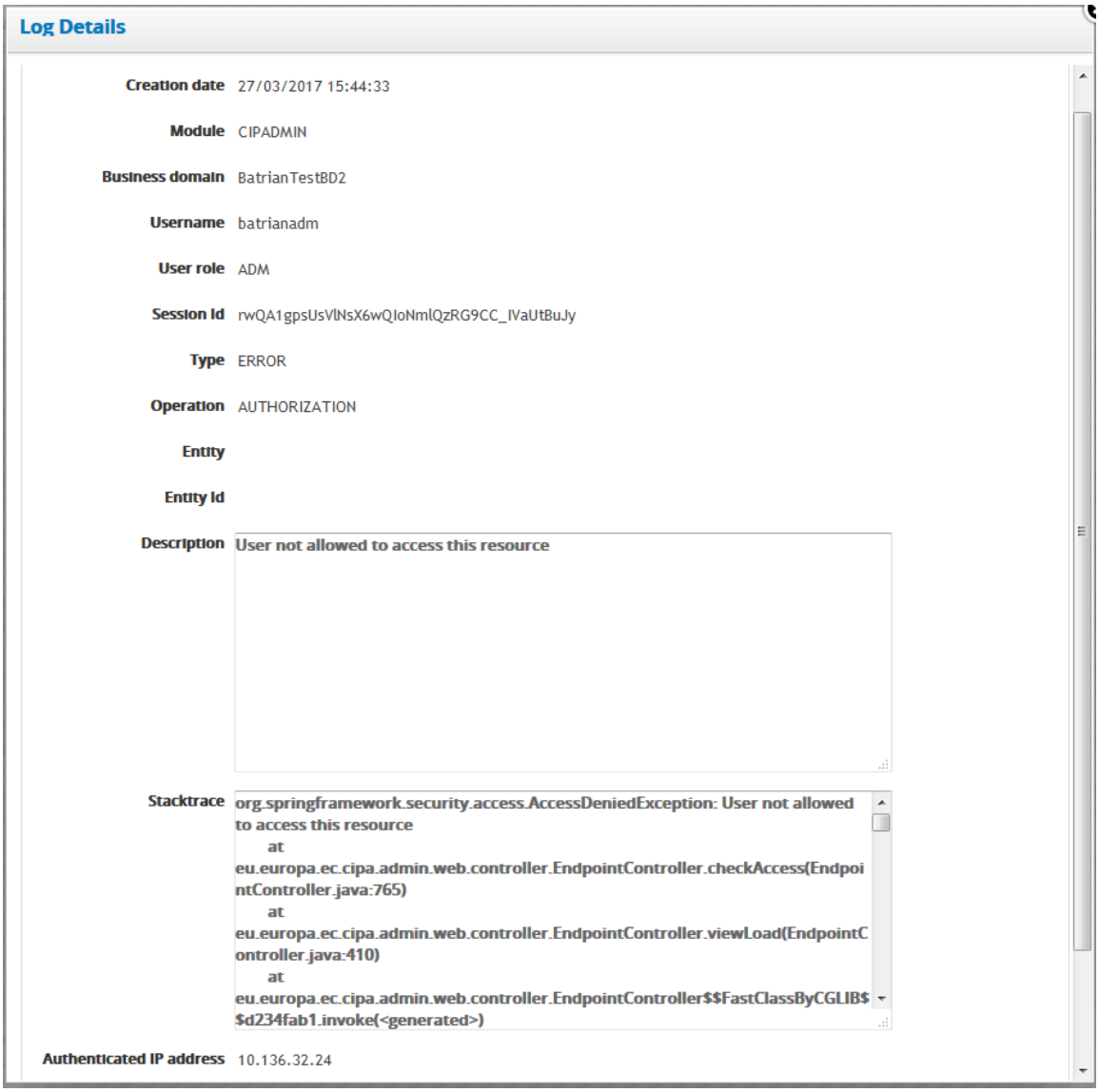
10.2.2. Visualising a Log Record

To see a log record, follow the next steps:

1. Reproduce steps from 10.2.1 Searching for a Log
2. Click on the log record you want to see in the search result list
3. You can now see the log details
   - as in Figure 86 - CIPAdmin Log Details popup, for CIPAdmin logs
   - as in Figure 87 - eTrustEx Log Details popup, for eTrustEx logs

Please see section 3.3 for common visualisation considerations.

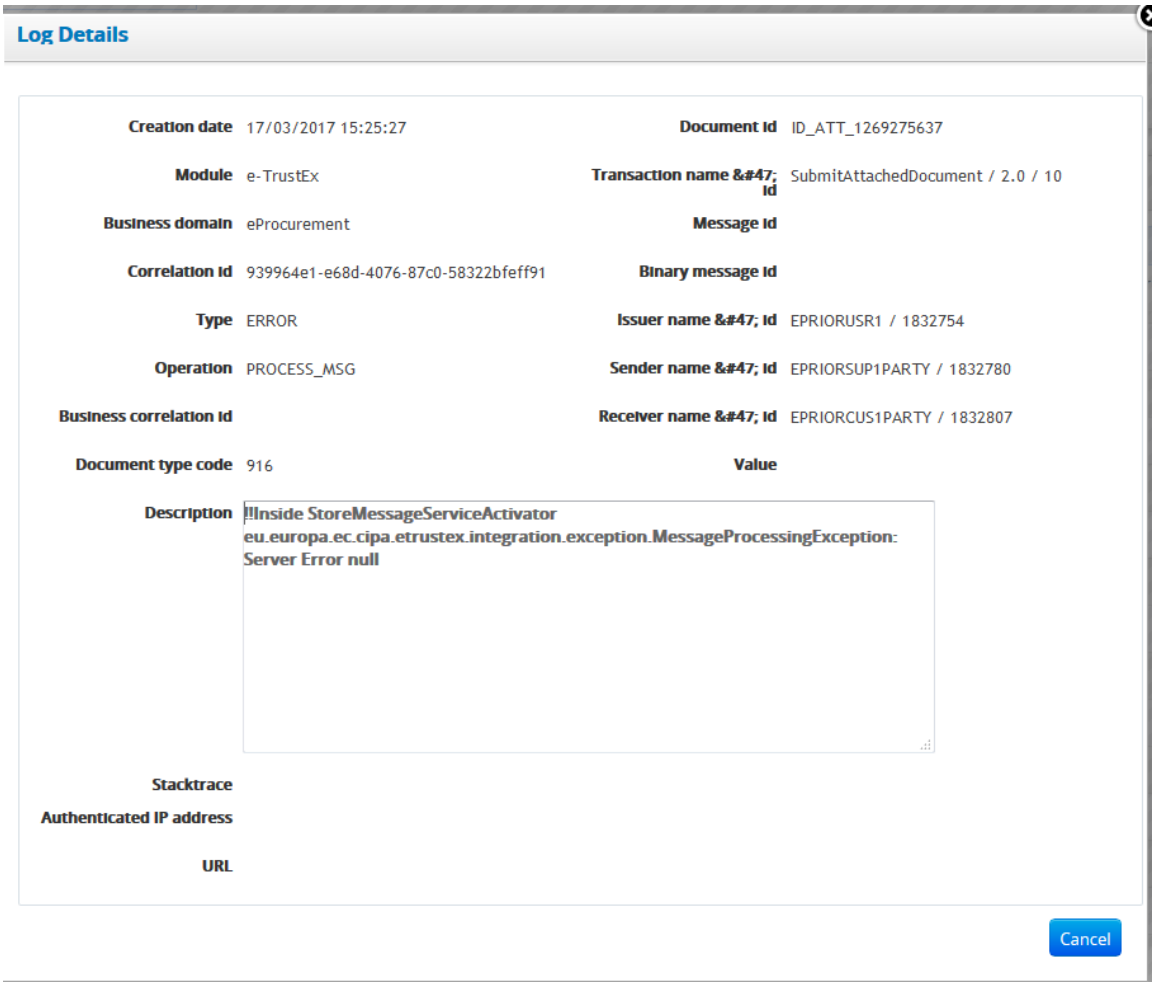
Figure 86 - CIPAdmin Log Details popup



Log Details

Creation date	27/03/2017 15:44:33
Module	CIPADMIN
Business domain	BatrianTestBD2
Username	batrianadm
User role	ADM
Session Id	rwQA1gpsUsVlNsX6wQIoNmlQzRG9CC_IVaUtBuJy
Type	ERROR
Operation	AUTHORIZATION
Entity	
Entity Id	
Description	User not allowed to access this resource
Stacktrace	org.springframework.security.access.AccessDeniedException: User not allowed to access this resource at eu.europa.ec.cipa.admin.web.controller.EndpointController.checkAccess(EndpointController.java:765) at eu.europa.ec.cipa.admin.web.controller.EndpointController.viewLoad(EndpointController.java:410) at eu.europa.ec.cipa.admin.web.controller.EndpointController$$FastClassByCGLIB$$d234fab1.invoke(<generated>)
Authenticated IP address	10.136.32.24

Figure 87 - eTrustEx Log Details popup



11. Errors Section

You can get errors while accessing or using CIPAdmin features.

- In case of validation errors you are warned what is wrong so that you can correct the issues and retry the operation(e.g. Figure 88 - Validation errors);
- In case of authorization problems you are notified that the operation you are trying to execute is not allowed (e.g. Figure 89 - Authorisation error);
- In case of technical errors you are informed an error occurred (e.g. Figure 90 - Technical error).

Figure 88 - Validation errors

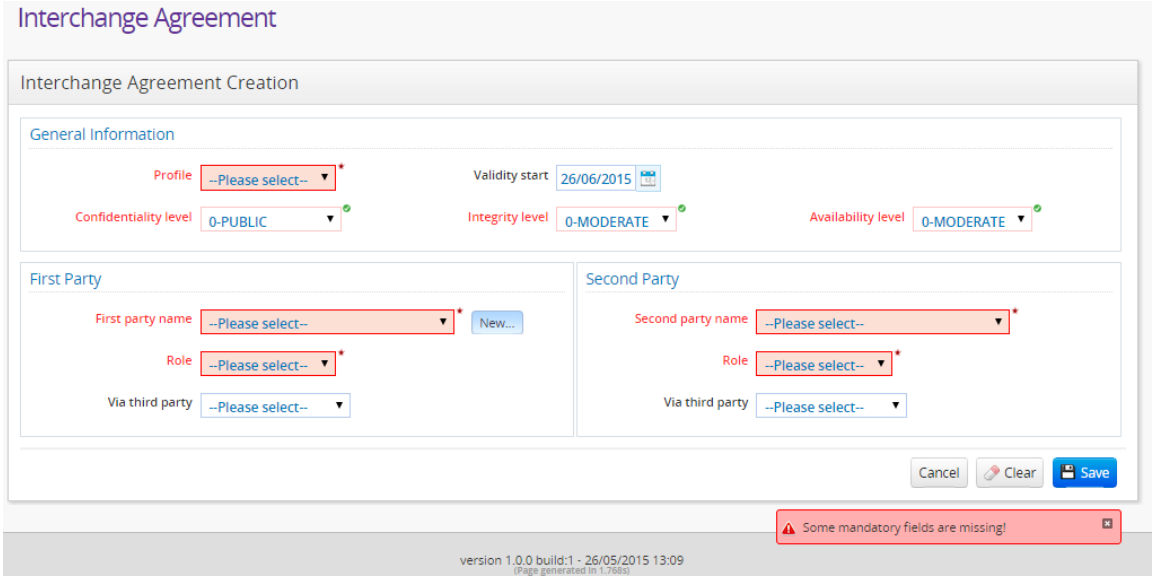


Figure 89 - Authorisation error

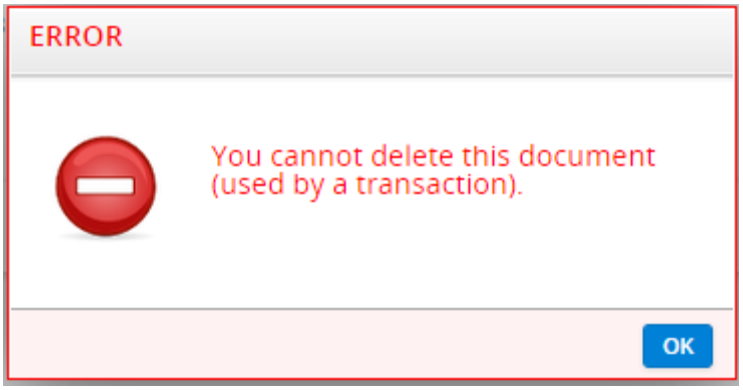


Figure 90 - Technical error