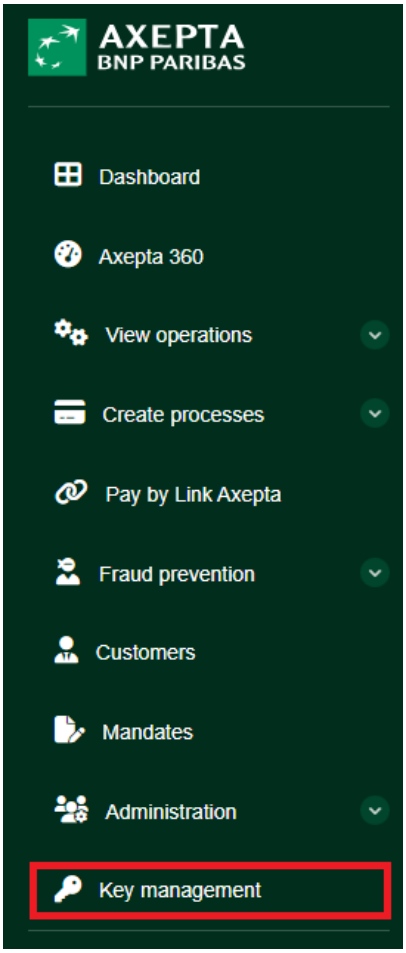
Key management (optional)

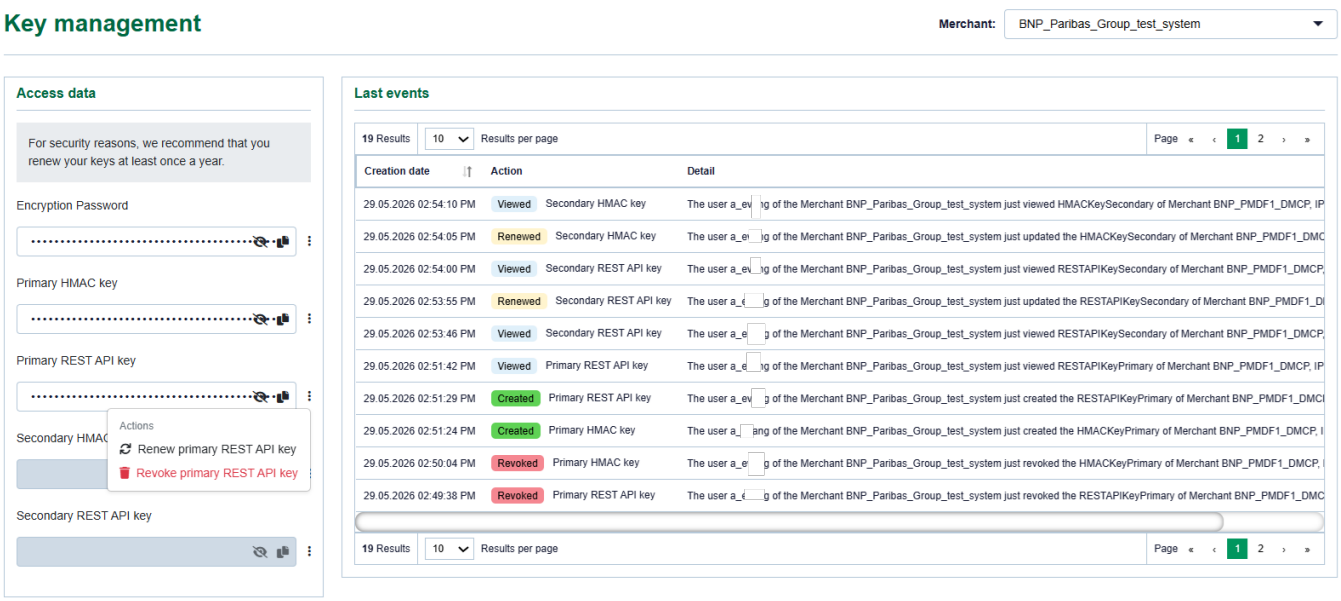
This page explains how to view, renew and revoke the keys used for the technical integration with Axepta Online from the Merchant Portal.

Key management allows the merchant or technical integrator to secure exchanges between their system and the Axepta Online platform, especially for REST API calls, server-to-server notifications and, depending on the integration mode, exchanges using HMAC keys or the encryption password.

Regular key renewal is recommended for security reasons. A controlled key rotation allows old keys to be replaced without service interruption.



Overview of Key management



Accessing the Key Management page

From the Axepta Online Merchant Portal, open the **Key Management** section. The page displays the following information :

- the selected merchant;
- available access data;
- primary and secondary keys;
- available actions for each key;
- the latest activity history.

Note: depending on your user profile, the Key Management section may not be visible.

> **Merchant selection**
>
> At the top right of the screen, the **Merchant** field allows you to select the relevant merchant account.
>
> Before performing any action, make sure the correct merchant is selected.
> Displayed keys and performed actions apply only to the selected merchant.

Available access data

The **Access data** section contains the technical elements required for the integration.

Depending on the account configuration, the following items may be displayed :

Item	Description	Main usage
Encryption password	Password used in some legacy or specific integration modes	Encryption or securing of specific exchanges
Primary HMAC key	Main active HMAC key	Message signing or verification
Primary REST API key	Main key used for REST API calls	REST API calls in test or production
Secondary HMAC key	Secondary HMAC key	Key rotation or double run
Secondary REST API key	Secondary key used for REST API calls	Key rotation or double run

Key values are hidden by default. A display icon allows the key to be temporarily shown if your user profile is authorized. A copy icon is also available to copy the value to the clipboard.

- **Display icon** : temporarily reveals the hidden value of the key.
- **Copy icon** : copies the key to the clipboard for immediate use.

- **Action button** : action menu on the keys.

Available actions

Each key line includes an action menu available from the icon on the right side of the relevant field.

Available actions may include :

Action	Description	Effect
Create	Generates a key when the field is empty	The new key can be used immediately
Renew	Generates a new value for an existing key	The previous value is replaced
Revoke	Disables and deletes the key	The key can no longer be used

> **Warning**
>
> Key revocation is immediate. Once revoked, the key must no longer be considered usable by your system.

Renewing a primary REST API key

Use this procedure when you need to replace the primary REST API key.

Steps

1. Log in to the Axepta Online Merchant Portal.
2. Open the **Key Management** section.
3. Make sure the correct **Merchant** is selected.
4. In the **Access data** section, identify the **Primary REST API key** line.
5. Click the action menu on the right side of the key.
6. Select **Renew primary REST API key**.
7. Confirm the action when a confirmation message is displayed.
8. Display or copy the new key.
9. Update your configuration.
10. Test REST API calls with the new key.
11. Check that the expected transactions or technical operations work correctly.

Zero-downtime rotation with secondary keys

For REST API integrations, Axepta Online may allow two sets of keys to be used in parallel : a primary key and a secondary key.

This feature is especially useful for rotating keys without service interruption.

Principle

The primary key remains used by the existing system while the secondary key is created or renewed.
The integrator then updates the application to use the new secondary key.
Once the new key has been validated, the old key can be revoked or renewed according to the defined strategy.

Recommended procedure

1. Check which key is currently used by your system.
2. Create or renew the secondary key.
3. Configure your system to use this new key.
4. Deploy the configuration.
5. Perform technical tests:
    - simple REST API call;
    - transaction creation or retrieval;
    - notification or webhook validation, if applicable;
    - application log review.
6. Monitor transactions.
7. Once the new key is confirmed as operational, revoke the old key that is no longer required.

This approach reduces the risk of interruption because the old key remains available during the switch-over phase.

Revoking a REST API key

Revocation disables an existing key. It should only be used when you are sure the key is no longer used, or when compromise is suspected.

Steps

1. Log in to the Axepta Online Merchant Portal.
2. Open **Key Management**.
3. Select the correct **Merchant**.
4. Identify the key to revoke.
5. Click the key action menu.
6. Select **Revoke**.
7. Confirm the operation.
8. Check the activity history to confirm that the action was recorded.
9. Make sure your system no longer use this key.

Important: a revoked key must no longer be used in your system. If the system continues to use a revoked key, the related API calls may fail.

Renewing an HMAC key

The HMAC key is used to sign or verify certain technical exchanges, especially when the integration relies on signature mechanisms.

Steps

1. Open the **Key Management** section.
2. Identify the **Primary HMAC key** or **Secondary HMAC key**.
3. Open the action menu.
4. Select the renewal action.
5. Update your application configuration.
6. Check that signatures generated or verified by your system remain valid.
7. Review application logs and any authentication errors.

Latest activity history

The **Latest activities** section displays operations performed on keys.

It allows you to view:

- the action or creation date;
- the type of action performed;
- the key concerned;
- the operation details;
- the user who performed the action;
- the merchant concerned.

This section is useful for audit tracking, traceability and incident analysis.

Examples of visible actions:

- key viewed;
- key renewed;
- key revoked;
- encryption password viewed.

Export & Security

- Keys cannot be exported as a file,
- For security reasons, keys are hidden by default.