**Tap Payment**

References:

<https://developers.tap.company/reference/api-endpoint>

<https://developers.tap.company/docs/payment-methods>

**Key Points:**

1. Tap API Follows the RESTFUL architecture

2. Test and Live mode. Each mode requires different API keys.

3. Provide API key in the header "Authorization: Bearer YOUR\_SECRET\_KEY".

4. <https://api.tap.company/v2/tokens> creates a single-use token that securely contains the details of a credit card.

5. <https://api.tap.company/v2/tokens> creates a token to securely store sensitive card information. To protect the customer's card information, it's encrypted using a public key and decrypted using a secret key.

6. <https://api.tap.company/v2/tokens> creates a token using a saved card id, but this requires a Card ID and Customer ID. It's important to be aware that these tokens can only be used once, and they can be used in place of a source in the Charges or Authorize API.

7. [https://api.tap.company/v2/tokens/{token\_id}](https://api.tap.company/v2/tokens/%7Btoken_id%7D) enables the retrieval of a specific Token ID, which is also provided in the Token response.

8. <https://api.tap.company/v2/charges> initiates a charge request to charge a credit card or any other payment source.

9. [https://api.tap.company/v2/charges/{charge\_id}](https://api.tap.company/v2/charges/%7Bcharge_id%7D) retrieves the details of a charge that was previously created.

10. [https://api.tap.company/v2/charges/{charge\_id}](https://api.tap.company/v2/charges/%7Bcharge_id%7D) updates the required details for a specified charge.

11. <https://api.tap.company/v2/charges/list> returns a list of all previously created charges, with the most recent charges appearing first.

12. <https://api.tap.company/v2/refunds> Creates a refund request

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13. [https://api.tap.company/v2/refunds/{refund\_id}](https://api.tap.company/v2/refunds/%7Brefund_id%7D) retrieves the details of an existing refund.

14. [https://api.tap.company/v2/refunds/{refund\_id}](https://api.tap.company/v2/refunds/%7Brefund_id%7D) can be used to update the details of a specific refund by setting the values of the parameters passed. Any   
parameters not provided will be left unchanged.

15. <https://api.tap.company/v2/refunds/list> returns a list of all refunds you’ve   
previously created. The refunds are returned in sorted order, with the most recent refunds appearing first.

16. **Webhook: that allows merchants to receive the post-payment details**

17. **Redirect: redirecting to the tap payment url and also redirecting after payment to our site**

**Subscription Contract - Payment Agreement**

This agreement enables the merchant to save the card exclusively for use within a specific subscription. The charged amount remains fixed and tied to the subscription.

**Example:** A customer subscribes to a monthly plan for a streaming service. Under a subscription contract, the merchant saves the customer's card details and   
automatically charges the fixed subscription fee to the customer's card each month.

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