

Overview of eBay and PayPal Sales API Services

Sales Services

Explanation of the 6 Sales Services.

eBayFetchTrans,

eBayFetchOrders,

eBayGetTrans,

eBayGetOrders,

PayPalFetchTrans,

PayPalGetTrans.

These are either 'Fetches' or 'Gets'. The 'Fetches' are more for development and initial testing as they return source-formatted data records. Whereas the 'Gets' are for production uses as they return Infiniti-Transaction records. eBay can return more detailed responses for their Orders, but these are limited to the last 90 days; the Transaction records can be fetched from many years ago, back to 2010 for some customers.

Authorisation Services

Explanation of the 5 Authorisation Services.

eBayAuthCCG,

eBayAuthURL,

eBayAuthCallback,

PayPalAuthURL,

PayPalAuthCallback.

The CCG or Client-Credentials-Grant, is an application wide Bearer Access Token for unrestricted calls to the API; only requiring registration with eBay.

The URL and Callback services are part of OAuth 2.0 restricted Bearer Access Tokens, where permission from the customer is required to view their data. The first action is to request a URL containing a single use nonce to be used by the customer via a browser to access eBay/PayPal OAuth 2.0 portal. This portal interrogates the customer for their permission to allow Avask-Software access to their data, as defined by the scopes contained in the 'URL'. When the Customer grants this requested scope permission, the Portal responds to the original browser request with a Call-Back request containing a transient one-time-code, along with our original nonce. At this point a private function is called (Acquire-Auth-Tokens) to convert this data into long-term Access Token, for use in the data services.

PayPal uses a JWT as part of its Access Token paradigm.