Yahoo Shopping SCM API 文件

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# API 認證機制

本 API 透過 AES/CBC/PKCS5Padding 加密/簽章機制產生之 Credential，登入後取得之 Cookie 做為身分識別與授權檢查，使用者需先通過[申請網址](https://scm.monday.com.tw/ApprovalForm/Apply/ApiApplication.aspx)取得金鑰，完成後可在 [API Key 查詢](https://scm.monday.com.tw/ApprovalForm/Query/ApiKeyQuery.aspx)頁取得下列金鑰資訊。

|  |  |  |  |
| --- | --- | --- | --- |
| **欄位** | **HTTP Request Header** | **說明** | **範例** |
| Token | api-token | 用於識別 API request 的身分 | Supplier\_1234 |
| KeyValue | N/A | 32 Bytes AES Secret Key，用於加密與計算簽章，以 Base64 表示 | ABCDEFGHIJKLMNOPQRSTUVWXYZabcdef01234567890= |
| KeyIV | N/A | 16 Bytes AES Fixed Initialization Vector，以 Base64 表示 | ABCDEFabcdef01234567890= |
| SaltKey | N/A | 32 Bytes 亂數，用於增加簽章複雜度 | ABCDEFGHIJKabcdefghij01234567890 |
| Version | api-keyversion | 金鑰版本 | 1 |
| Status | N/A | 金鑰狀態 | Enabled |

## Sign In

Sign In 至本 API 的 HTTP request 需包含 4 個 header 與 Credential 密文，分別說明如下

|  |  |  |
| --- | --- | --- |
| **Data** | **Location** | **說明** |
| api-token | Header | 即為 [API Key 查詢](https://scm.monday.com.tw/ApprovalForm/Query/ApiKeyQuery.aspx)頁提供之 Token |
| api-version | Header | 即為 [API Key 查詢](https://scm.monday.com.tw/ApprovalForm/Query/ApiKeyQuery.aspx)頁提供之 Version |
| api-timestamp | Header | 為 Request 發送當下的 Unix Timestamp，例如 1548225833，此 Timestamp 的有效期限為 90 秒 |
| api-signature | Header | Cookie 密文的簽章，由 Timestamp, Token, SaltKey 與密文計算而成，可參考[下方範例](#kix.1zfenuhgqmks)程式 |
| Credential | Body | 加密後的 Cookie，可參考下方[範例程式](#kix.aixjql8yhxcr) |

Sign in 完成後會由 Response Set-Cookie Header 回傳 **\_sp** Cookie，其效期為 6 小時。

### Java 範例程式

|  |
| --- |
| import com.github.longhorn.fastball.time.Clock;  import com.yahoo.parsec.clients.ParsecAsyncHttpRequest;  import org.apache.commons.codec.binary.Base64;  import org.apache.commons.codec.binary.Hex;  import org.json.JSONObject;  import javax.crypto.BadPaddingException;  import javax.crypto.Cipher;  import javax.crypto.IllegalBlockSizeException;  import javax.crypto.Mac;  import javax.crypto.NoSuchPaddingException;  import javax.crypto.SecretKey;  import javax.crypto.spec.IvParameterSpec;  import javax.crypto.spec.SecretKeySpec;  import javax.ws.rs.core.NewCookie;  import java.io.UnsupportedEncodingException;  import java.nio.charset.StandardCharsets;  import java.security.InvalidAlgorithmParameterException;  import java.security.InvalidKeyException;  import java.security.NoSuchAlgorithmException;  import java.util.Collections;  public class Sample {  public ParsecAsyncHttpRequest signIn() throws NoSuchPaddingException, NoSuchAlgorithmException, InvalidAlgorithmParameterException, InvalidKeyException, UnsupportedEncodingException, BadPaddingException, IllegalBlockSizeException {  // Required data  String timestamp = Clock.fromNow().getEpochSecondString();  String token = "Supplier\_1234";  int supplierId = 1234;  String secretKey = "ABCDEFGHIJKLMNOPQRSTUVWXYZabcdef01234567890=";  String iv = "ABCDEFabcdef01234567890=";  String saltKey = "ABCDEFGHIJKabcdefghij01234567890";  String version = "1";  // Credential Plaintext  JSONObject cookie = new JSONObject();  cookie.put("supplierId", supplierId);  String plaintext = cookie.toString();  // Credential Ciphertext  Cipher cipher = Cipher.getInstance("AES/CBC/PKCS5Padding");  SecretKeySpec secretKeySpec = new SecretKeySpec(Base64.decodeBase64(secretKey), "AES");  IvParameterSpec ivParameterSpec = new IvParameterSpec(Base64.decodeBase64(iv));  cipher.init(Cipher.ENCRYPT\_MODE, secretKeySpec, ivParameterSpec);  String ciphertext = Base64.encodeBase64String(cipher.doFinal(plaintext.getBytes(StandardCharsets.UTF\_8.name())));  // Credential Signature  String signatureSource = String.format("%s%s%s%s", timestamp, token, saltKey, ciphertext);  SecretKey signatureSecretKey = new SecretKeySpec(secretKey.getBytes(StandardCharsets.UTF\_8.name()), "HmacSHA512");  Mac mac = Mac.getInstance("HmacSHA512");  mac.init(signatureSecretKey);  byte[] rawHmac = mac.doFinal(signatureSource.getBytes(StandardCharsets.UTF\_8.name()));  byte[] hexBytes = new Hex().encode(rawHmac);  String signature = new String(hexBytes, StandardCharsets.ISO\_8859\_1.name());  return new ParsecAsyncHttpRequest.Builder()  .setUrl("<https://tw.supplier.yahoo.com:443/api/spa/v1/signIn>")  .setMethod(HttpMethod.POST)  .setHeader("api-token", token)  .setHeader("api-keyversion", version)  .setHeader("api-timestamp", timestamp)  .setHeader("api-signature", signature)  .setBody(ciphertext)  .build();  }  } |

### php 範例程式

|  |
| --- |
| <?php  class AES  {//{{{  const OPENSSL\_CIPHER\_NAME = "aes-256-cbc";  const CIPHER\_KEY\_LEN = 32;  private $\_key;  private $\_iv;  public function \_\_construct($key, $iv)  {  $base64decodedKey = base64\_decode($key);  if (strlen($base64decodedKey) < AES::CIPHER\_KEY\_LEN) {  $this->\_key = str\_pad($base64decodedKey, AES::CIPHER\_KEY\_LEN, "0");  } else if (strlen($base64decodedKey) > AES::CIPHER\_KEY\_LEN) {  $this->\_key = substr($base64decodedKey, 0, AES::CIPHER\_KEY\_LEN);  } else {  $this->\_key = $base64decodedKey;  }  $this->\_iv = base64\_decode($iv);  }  public function encrypt($data)  {  return base64\_encode(openssl\_encrypt($data, AES::OPENSSL\_CIPHER\_NAME, $this->\_key, OPENSSL\_RAW\_DATA, $this->\_iv));  }  }//}}}  class HMac  {//{{{  private $\_secretKey;  public function \_\_construct($secretKey)  {  $this->\_secretKey = $secretKey;  }  public function sha512($data)  {  return hash\_hmac("sha512", $data, $this->\_secretKey);  }  }//}}}  class Sample  {  private $shareSecretKey = 'ABCDEFGHIJKLMNOPQRSTUVWXYZabcdef01234567890=';  private $shareSecretIv = 'ABCDEFabcdef01234567890=';  private $saltKey = 'ABCDEFGHIJKabcdefghij01234567890';  private $apiVersion = '1';  private $token = 'Supplier\_1234';  private function getCookie($serviceUrl, $messageBody)  {  $timestamp = time();  $aes = new AES($this->shareSecretKey, $this->shareSecretIv);  $cipherText = $aes->encrypt($messageBody);  $hasher = new HMac($this->shareSecretKey);  $signature = $hasher->sha512(sprintf("%s%s%s%s", $timestamp, $this->token, $this->saltKey, $cipherText));  $headers = [  'Content-Type: application/json; charset=utf-8',  "api-token: $this->token",  "api-signature: $signature",  "api-timestamp: $timestamp",  "api-keyversion: $this->apiVersion",  ];  $httpRequest = curl\_init();  curl\_setopt($httpRequest, CURLOPT\_URL, $serviceUrl);  curl\_setopt($httpRequest, CURLOPT\_POSTFIELDS, $cipherText);  curl\_setopt($httpRequest, CURLOPT\_RETURNTRANSFER, true);  curl\_setopt($httpRequest, CURLOPT\_HTTPHEADER, $headers);  curl\_setopt($httpRequest, CURLOPT\_POST, true);  curl\_setopt($httpRequest, CURLOPT\_HEADER, true);  $response = curl\_exec($httpRequest);  $responseHeader = curl\_getinfo($httpRequest);  curl\_close($httpRequest);  if ($responseHeader['http\_code'] == 204) {  preg\_match\_all('/^Set-Cookie:\s(?\'cookie\'\_sp=.+)$/mi', $response, $matches);  return $matches['cookie'][0];  } else {  throw new Exception("Failed to obtain the SCM cookie");  }  }  public function main()  {  $serviceUrl = "https://tw.supplier.yahoo.com:443/api/spa/v1/signIn";  $requestContent = '{"supplierId":"1234"}';  $cookie = $this->getCookie($serviceUrl, $requestContent);  echo $cookie."\n"; // contains the SCM cookie key and value  }  }  $sample = new Sample;  $sample->main(); |

## 取得 WSSID

為防止 CSRF 攻擊，存取本 API 各 Endpoint 都需於 HTTP Header 帶入 X-YahooWSSID-Authorization。可於上一步驟取得 Cookie 後，[GET /api/spa/v1/token](#4q8pkrosbhdk) 取得 Token 資訊。

此 Token 為根據 Cookie 所計算，使用者端可以 Cookie Value 暫存此 Token 的值，不需每個 Request 都重覆計算。

若需要上傳檔案，此 WSSID 亦會用於存放至 Object 的 Header，詳情請見[上傳檔案](#jtxjayuj8b32)章節。

# API Objects

## Common

### Token

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| wssid | String | RO |  | 存取其他 Endpoint 時，需於 Request 帶入 X-YahooWSSID-Authorization Header，該此由此 Object 取得 |

### ShipType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| id | Int32 | RO |  | [配送方式](#xv5l0cpssh3j) |
| name | String |  |  |

## User

### User 供應商使用者資訊

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| id | Int32 | RO |  | User ID, e.g. 12345678 |
| name | String | RO |  | 小幫手中文姓名 |
| fullName | String | RO |  | 小幫手中文姓名 |
| supplierId | Int32 | RO |  | Supplier ID, e.g. 4866 |
| supplierName | String | RO |  | Supplier name, e.g. 興奇雅虎測試 |
| profile | [SupplierProfile](#i26scljzxt0r) | RO |  | profile, won’t be returned by default |

### SupplierProfile 供應商設定

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| accessoryContracts | String[] | RO |  | 附約資訊   * outrightPurchase: 買斷 * appliance: 家電 * warehouse: 寄賣 |
| toggles | String[] | RO |  | 供應商啟用功能   * accounting: 對帳單 * notifyAbnormal: 通知 * repair: 維修 * changeGood: 換貨 * returnGood: 退貨 * forfeit: 罰款 * ESD: ESD * warehouse: 寄倉管理 * obtainListingPrice: 轉出售價 * obtainListingOriginalPrice: 轉出售價(不含活動折抵) * performanceRanking: 績效評核 * deliverByThirdPartyLogistic: 三方物流出貨 * deliverByCvsFromWh: 店配 * deliverByCvs: 直店配 * batchCheckConsignment: 寄賣對帳批次 * batchCheckOutrightPurchase: 買斷對帳批次 * batchAcceptSaleableAdjustment: 可銷售數量整批過審 * applyMarketingMaterial: 素材提案 * applyPackageSticker: 包裝貼紙申請 * applyProductAndListing: 商品提案 * adjustProductAndListing: 待調整商品 * adjustInventory: 庫存修正 * autoApproveListingOnOffShelve: 賣場上/下架直接過審 * autoApproveInventoryAdjustPrpsl: 庫存審核直接過審 * autoApproveListingProposal: 新增賣場直接過審 * autoReplenishmentWarehouseInventory: 進倉自動補貨 * advertisingExposure: 商品曝光服務 * recycleAppliance: 廢四機 |
| warehouse | String | RO |  | 供應商快速到貨預設倉別   * choicelogistics: 秋雨倉 * xinfeng: 新豐倉 * migologistics: 東源倉 * nankan: 南崁倉 * tayuan: 大園倉 * daxi: 大溪倉 |
| returnGoodDestination | String | RO |  | 退貨配達方式   * supplier: 可直退供應商 * yahoo: 一律退回雅虎物流中心 |
| withdrawalInfo | [SupplierInfo](#peqmgy7n21xt) | RO |  | 請款資訊 |
| repairInfo | [SupplierInfo](#peqmgy7n21xt) | RO |  | 維修資訊 |

### SupplierInfo 供應商詳細資訊

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| contactWindow | [ContactWindow](#kix.8bso2solh249) | RO |  | 聯絡資訊 |
| method | String | RO |  | 當此物件被用於顯示維修資訊時，表示維修方式   * indirectRepair: 間修 * directRepair: 直修 |

### ContactWindow 聯絡資訊

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| id | String | RO |  | 服務窗口 ID |
| name | String | RO |  | 服務窗口姓名 |
| phone | String | RO |  | 服務窗口電話 |
| fax | String | RO |  | 服務窗口傳真 |
| email | String | RO |  | 服務窗口 Email |
| location | Location | RO |  | 服務窗口地址 |

## Category

### Category 分類

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| categoryId | String | RO |  | Category ID   * z1: 區 * sub2: 子站 * cat3: 父類 * catItem4: 子類 |
| name | String | RO |  | Category name |
| parentId | String | RO |  | Parent ID |
| childrenIdList | String[] | RO |  | Children ID list |
| isVideoGame | Boolean | RO |  | 若查詢的 category ID 為 sub 層級會回傳此欄位，表示該子站是否為電玩類商品分類 |
| isSexToy | Boolean | RO |  | 若查詢的 category ID 為 sub 層級會回傳此欄位，表示該子站是否為情趣商品分類 |
| deliveryTypes | String[] | RO |  | 若查詢的 category ID 為 sub 層級會回傳此欄位，表示該子站支援的配送方式   * normal: 正常交貨期 * preOrder: 預購型商品 * customized: 客製化商品 * appointment: 客約送貨日 |
| functions | String[] | RO |  | 分類進階功能  若查詢的 category ID 為 sub 層級會回傳此欄位，表示該子站支援的特殊功能   * ESD: 電子票券 * eCoupon: 電子禮券 * preOrderDelivery: 預購型商品 * customizedDelivery: 客製化商品 * appointmentDelivery: 客約送貨日 |
| isGift | Boolean | RO |  | 該分類是否為贈品 |
| categoryManager | [ContactWindow](#kix.8bso2solh249) | RO |  | 採購主任 |
| merchandiseManager | [ContactWindow](#kix.8bso2solh249) | RO |  | 採購人員 |
| productManager | [ContactWindow](#kix.8bso2solh249) | RO |  | 採購主任 |
| visible | Boolean | RO |  | Is the category visible? only show while level is cat and catItem |

### Categories 分類列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| categories | [Category](#njqg4br8djm)[] | RO |  | 分類列表 |
| parents | [Category](#njqg4br8djm)[] | RO |  | 父分類列表 |
| children | [Category](#njqg4br8djm)[] | RO |  | 子分類列表 |

### ProposedCategory 近期提案分類

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| zoneId | String | RO |  | 區 ID  *e.g. z1* |
| subId | String | RO |  | 子站 ID  *e.g. sub22* |
| catId | String | RO |  | 父類 ID  *e.g. cat333* |
| catItemId | String | RO |  | 子類 ID  *e.g. catItem4444* |
| struDataAttrClusterId | String | RO |  | 結構化資料屬性集 ID |
| usedTs | String | RO |  | 最後使用時間 ([ISO-8601](https://en.wikipedia.org/wiki/ISO_8601)) |

### ProposedCategories 近期提案分類列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| recentPrpslProdCat | [ProposedCategory](#50ya5ypinxcl)[] | RO |  | 近期提案分類列表 |
| categories | [Category](#njqg4br8djm)[] | RO |  | 各最近提案分類相關 ID 與名稱 |
| struDataAttrClusters | [StruDataAttrCluster](#kix.2xjl0j61hwvs)[] | RO |  | 各最近提案分類使用過的結構化資料屬性集內容 |

## Structured Data

### StruDataAttrCluster 結構化資料屬性集

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| id | String | RO |  | 屬性集 ID |
| name | String | RO |  | 屬性集名稱 |
| categoryId | String | RO |  | 該屬性集對應之子類 ID |
| proposalType | String | RO |  | 該屬性集對應之[提案類型](#oque45ux3usv) |
| attributes | [Attribute](#kix.n4bqf8f8fr9f)[] | RO |  | 屬性列表 |

### Attribute 欄位屬性

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| name | String | RW | POST: Y  PATCH: N | 屬性名稱 |
| values | String[] | ~~RW~~  RO | ~~POST: Y~~  ~~PATCH: N~~ | 屬性選項  ~~當商品規格為自訂屬性時才允許 \n 換行~~ |
| selectedValue | String | RW | Y | 選擇的屬性值  當商品規格為自訂屬性時才允許 \n 換行 |
| constraints | [Constraints](#o734ro4r2cc) | RO |  | 屬性限制 |
| required | Boolean | RO |  | 是否必填 |

### Constraints 欄位限制

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| type | String | RO |  | 欄位形式   * radiobox * text * checkbox |
| minimum | Int32 | RO |  | text 最少字數 |
| maximum | Int32 | RO |  | text 最多字數 |

### StruDataAttrClusters 結構化資料屬性集列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| struDataAttrClusters | [StruDataAttrCluster](#kix.2xjl0j61hwvs)[] | RO |  | 結構化資料屬性集列表 |

## Service Desk

### ServiceDesk 作業窗口

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| categoryId | String | RO |  | 類別 ID，若 type 為 proposal，則為 [Category](#njqg4br8djm) 中的子站 ID，其他 type 僅為參考用 data key |
| categoryName | String | RO |  | 類別名稱 |
| contacts | [ContactWindow](#kix.8bso2solh249)[] | RO |  | 聯絡資訊 |
| type | String | RO |  | 窗口類型   * proposal: 商品、賣場提案與管理 * order: 訂單出貨、退貨、換貨相關 * warehouse: 快倉與配送相關 * accounting: 帳務相關 |

### ServiceDesks 作業窗口列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| serviceDesks | [ServiceDesk](#nnw3yntvo31k)[] | RO |  | 作業窗口列表 |

## Proposal

### Proposal 提案

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| id | Int32 | RO |  | 提案編號 |
| seqNo | Int32 | RO |  | 申請單號 |
| supplierId | Int32 | RO |  | 供應商編號 |
| supplierName | String | RO |  | 供應商名稱 |
| creator | String | RO |  | 建檔者 |
| contactWindow | String | RO |  | 提案對象, 由輸入的子站 (subStationId) 自動計算填入 |
| type | String | RW | POST: Y  PUT: Y | 提案單類型   * newProduct: 新增贈品/配件/屬性 * newListing: 新增一般賣場 * newListingByApi: 透過 SCM API 新增一般賣場 (不可用於新增) * updateCopy: 修改賣場/商品詳情 * updateVideo: 修改賣場影片 |
| applicant | String | RW | POST: Y  PUT: Y | 提案人，限 10 個中文字 |
| subStationId | String | RW | POST: Y  PUT: Y | 提案當下的提案站別 ID, e.g. sub1  只允許供應商有簽約的子站 |
| subStationName | String | RO |  | 提案當下的提案站別名稱 |
| expiredTs | String | RW | POST: N  PUT: N | 審核提案有效期限，預設 +15 天，不得少於提案日+3天，最多可設定提案日+15天 |
| product | ProposalProduct | RW | POST: ?  PUT: ? | 商品資訊  reviewStatus 非 composing 時必填 |
| listing | ProposalListing | RW | POST: ?  PUT: ? | 賣場資訊  type 為 newListing 且 reviewStatus 非 composing 時必填 |
| createdTs | String | RO |  | 建檔時間 |
| appliedTs | String | RO |  | 提案時間 |
| reviewer | String | RO |  | 審核者 |
| reviewStatus | String | RO |  | 審核狀態   * composing: 尚未提案 (預設) * draft: 儲存暫不提案 * pendingReview: 待審核 * approved: 審核已通過 * declined: 審核不通過 * expired: 已過審核期限 |
| reviewedTs | String | RO |  | 審核時間 |
| declineReason | String[] | RO |  | 審核不通過原因   |  |  | | --- | --- | | **type** | **選項** | | newLsting  newListingByApi  newProduct | * approved: 通過 * badImageSizeOrQuality: 圖片太小品質太差 * unclearCopy: 文案描述不清楚 * duplicatedProduct: 重覆商品 * improperProduct: 商品不合適 * wrongSubStation: 非此子站商品 * unacceptableCost: 成本錯誤 * other: 其他 * unsuitableVideo: 影片不適合 | | 其他 | * approved: 通過 * grossMarginTooLow: 毛利率過低 * productToBeOffShelved: 商品待下架 * listingToBeOffShelved: 賣場待下架 * mismatchPriceCost: 售價或成本有誤 * other: 其它 | |
| declineDetail | String | RO |  | 審核不通過其它原因描述 |
| executeStatus | String | RO |  | 執行結果   * idle: 未執行 * running): 執行中 * finished: 已執行 * failed: 執行失敗 |
| executedTs | String | RO |  | 執行時間 |
| executeResult | String | RO |  | 執行失敗原因 |
| modifiedTimes | Int32 | RO |  | 更新次數 |
| modifier | String | RO |  | 更新者 |
| modifiedTs | String | RO |  | 更新時間 |
| note | String | RW | POST: N  PUT: N | 備註，限 200 個字 |
| suggestion | String | RO |  | 改善或建議 |

### ProposalProduct 提案商品資訊

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required**[**註1**](#k2yvldtprocr) | **Note** |
| id | Int32 | RO |  | product ID |
| name | String | RW | POST: Y  PUT: Y | 商品名稱，最長 45 個字  若為[配送方式](#xv5l0cpssh3j)為`快速到貨`且為即期品，必須加上前綴"(即期品)" |
| shortDescription | String[] | RW | POST: Y  PUT: Y | 賣場簡短說明  最多 5 條，每條最長 15 個字  至少需填 1 條 |
| shareMediaBetweenModels | Boolean | RW | POST: N  PUT: N | 是否共用同一組商品圖  只有 1 層屬性時可為 true  若為 true ，則 models 只有第一個 model 可以有圖/影片  預設為 false |
| models | ProposalModel[] | RW | POST: Y  PUT: Y | 商品型號 |
| brand | String | RW | POST:  PUT: N | 品牌，最長 20 個字 |
| model | String | RW | POST: N  PUT: N | 商品型號，最長 20 個字 |
| shipType | [ShipType](#az23gh19zl5x) | RW | POST: Y  PUT: Y | 配送方式   |  |  |  | | --- | --- | --- | | **ID** | **Name** | **可選擇規則** | | 1 | Home | 預設可選 | | 61 | Express24HR | [附約資訊](#x1u8jbpkayna)包含 warehouse 時可選 | | 200 | ESD | [分類進階功能](#ebwm86hb2ieh)包含 ESD 時可選 | | 400 | EDelievry | [分類進階功能](#ebwm86hb2ieh)包含 eCoupon 且[提案單類型](#oque45ux3usv)為 newProduct 時可選 | | 800 | HomeStore | [供應商啟用功能](#6lubzpgyqg63)包含 deliveryByCvs 時可選 | |
| contentRating | String | RW | POST: Y  PUT: Y | 內容級別   * None: 無級別 * G: 普級 * PG: 保護級 * PG12: 輔導級 12歲+ * PG15: 輔導級 15歲+ * R: 限制級 * NC18: 情趣商品 (若為未滿18歲青少年不能購買商品，請選擇限制級)   若 subStationId=28 (電玩 / 遊戲)，只允許 G, PG, PG12, PG15 and R  若 subStationId=566，只允許 R and NC18  其他子站不可選 PG15 |
| zoneId | String | RO |  | 商品目前的分類區 ID, e.g. z1  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| zoneName | String | RO |  | 商品目前的分類區名  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| subStationId | String | RO |  | 商品目前的分類子站 ID, e.g. sub1  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| subStationName | String | RO |  | 商品目前的分類子站名  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| catId | String | RO |  | 商品目前的分類父類 ID, e.g. cat1610  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| catName | String | RO |  | 商品目前的分類父類名  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| catItemId | String | RW | POST: Y  PUT: Y | 商品目前的分類子類 ID, e.g. catItem21704  往上追溯的子站要跟供應商有簽約的子站有交集  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| catItemName | String | RO |  | 商品目前的分類子類名  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| msrp | String | RW | POST: Y  PUT: Y | 廠商建議價，到小數點兩位  range: [0-9999999]  成本(含稅+運費) <= 購物中心售價 <= 廠商建議價 |
| cost | String | RW | POST: Y  PUT: Y | 成本(含稅+運費)，到小數點兩位  range: [0-9999999]  成本(含稅+運費) <= 購物中心售價 <= 廠商建議價 |
| safeStockQty | Int32 | RW | POST: N  PUT: N | 安全庫存量  range: [1-99]  若[提案單類型](#oque45ux3usv)為`新增屬性商`品且[配送方式](#xv5l0cpssh3j)為`快速到貨`時，只能為 1  預設為 1 |
| length | Int32 | RW | POST: ?  PUT: ? | 包裝完成後的商品長度，單位為 cm，需為正整數  若為[配送方式](#xv5l0cpssh3j)為`快速到貨`或`直店配`時必填  max 9999 |
| width | Int32 | RW | POST: ?  PUT: ? | 包裝完成後的商品寬度，單位為 cm，需為正整數  若為[配送方式](#xv5l0cpssh3j)為`快速到貨`或`直店配`時必填  max 9999 |
| height | Int32 | RW | POST: ?  PUT: ? | 包裝完成後的商品高度，單位為 cm，需為正整數  若為[配送方式](#xv5l0cpssh3j)為`快速到貨`或`直店配`時必填  max 9999 |
| weight | Int32 | RW | POST: ?  PUT: ? | 包裝完成後的商品重量，單位為 g，需為正整數  若為[配送方式](#xv5l0cpssh3j)為`快速到貨`或`直店配時`必填  max 2147483647 |
| ~~isLargeVolume~~ | Boolean | RW | POST: N  PUT: N | 是否為大材積商品 (即將棄用)  (舊) [配送方式](#xv5l0cpssh3j)為`快速到貨`且[附約資訊](#x1u8jbpkayna)包含 appliance 時方可為 true  (新) POST/PUT 皆應為 null  預設為 false |
| isInstallRequired | Boolean | RW | POST: N  PUT: N | 是否需要安裝  [配送方式](#xv5l0cpssh3j)為`快速到貨`且[附約資訊](#x1u8jbpkayna)包含 appliance 時方可填寫  預設為 false |
| isLargeVolumnProductGift | Boolean | RW | POST: N  PUT: N | 是否為大型商品附屬贈品  [配送方式](#xv5l0cpssh3j)為`快速到貨`且[附約資訊](#x1u8jbpkayna)包含 appliance 時方可填寫  預設為 false |
| isNeedRecycle | Boolean | RW | POST: N  PUT: N | 是否屬於廢四機  [供應商啟用功能](#6lubzpgyqg63)包含 recycleAppliance 時可選 |
| preserveDays | Int32 | RW | POST: N  PUT: N | 商品保存期限  單位為天  range: [1-32767]  [配送方式](#xv5l0cpssh3j)為`快速到貨`可填，否則應為 null |
| isOutrightPurchase | Boolean | RW | POST: N  PUT: N | 是否為買斷商品  [配送方式](#xv5l0cpssh3j)為`快速到貨`且[附約資訊](#x1u8jbpkayna)包含 outrightPurchase 時方可填寫  預設為 false |
| isExpiringItem | Boolean | RW | POST: N  PUT: N | 是否為即期品  [配送方式](#xv5l0cpssh3j)為`快速到貨`且有填寫[商品保存期限](#4crc56e9rwmt)時方可為 true  預設為 false |
| minPackingCount | Int32 | RW | POST: N  PUT: N | 最小包裝數  range: [1-32767]  [配送方式](#xv5l0cpssh3j)為`快速到貨`時才能更改，其餘只能為 1  預設為 1 |
| copy | String | RW | POST: Y  PUT: Y | 商品詳情，為 HTML 內容  規則請見[附件](#o3y6f1gf452r) |
| warranty | [ProposalProductWarranty](#86xqxhx80vxl) | RW | POST: Y  PUT: Y | 商品保證 |
| specs | [ProposalProductSpec](#jlxhwti3e7x5)[] | RW | POST: Y  PUT: Y | 商品屬性 |
| attributeDisplayMode | String | RW | POST: Y  PUT: Y | 商品規格顯示方式   * table * list |
| struDataAttrClusterId | String | RW | POST: Y  PUT: Y | 結構化資料屬性集 ID |
| struDataAttrClusterName | String | RO |  | 結構化資料屬性集名稱 |
| attributes | [Attribute](#kix.n4bqf8f8fr9f)[] | RW | POST: Y  PUT: Y | 商品規格表  被 ProposalModel 中被選中的 Attribute，不可再填入此欄位  若規格為 structured data 中的選項   * values 需符合 structured data constraint 限制 (radiobox/checkbox) * 只能有一個 `自訂其他屬性`   若規格為 `自訂`   * values 只能有一個值 * 不允許重複 `自訂規格` 名稱 * `自訂規格` 名稱不允許與 structured data 中的選項重複 * `自訂規格` 名稱不允許與 `自訂屬性` 名稱重複 |
| gameContents | String[] | RW | POST: N  PUT: N | 遊戲情節內容   * 性 * 暴力 * 恐怖 * 菸酒 * 毒品 * 不當言語 * 反社會性 * 棋牌益知及娛樂 * 促使使用者虛擬戀愛或結婚   當 subStationId=28 時可填 |
| partNo | String | RW | POST: N  PUT: N | 主件商品供應商商品料號，最長 40 個字 |

### ProposalProductWarranty 商品保證

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| period | String | RW | POST: Y  PUT: N | 保固期限 如果內容值為`無保固`則保固範圍及保固來源可不填，反之若為其他值則必填  最長 20 個字 |
| scope | String | RW | POST: ?  PUT: ? | 保固範圍  最長 20 個字  若保固期限為`無保固`，自動填入`無保固` |
| handler | String | RW | POST: ?  PUT: ? | 保固來源   * none: 無保固 * official: 原廠保固 * retailer: 經銷保固   若保固期限為`無保固`，只能為`none` (若有輸入會被取代)  若保固期限不為`無保固`，預設為`official` |
| description | String | RW | POST: N  PUT: N | 說明訊息整段描述  最長 800 個字 |

### ProposalProductSpec 商品屬性

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| level | Int32 | RW | POST: Y  PUT: N | 屬性層級  range: [1-2] |
| name | String | RW | POST: Y  PUT: N | 屬性名稱最長 30 個字 |

### ProposalModel

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| id | Int32 | RW | POST: ?  PUT: ? | 型號 ID  當 *proposal.type* 為下列類型時需提供，用於指定賣場規格/贈品/加價購商品編號   * updateVideo * updateImage |
| sku | Int32 | RW | POST: ?  PUT: ? | 型號 ID  當 *proposal.type* 為下列類型時需提供，用於指定賣場規格/贈品/加價購商品編號   * updateVideo * updateImage |
| spec | Attribute | RW | POST: ？  PUT: N | 第 1 層屬性的 spec  需為 ProposalProductSpec 中 level=1 的 spec  若為無屬性商品時為空, 有 1 層及以上屬性時必填  若 spec name 是從 structured data 中挑選，且 constraint type 為 radiobox 或 checkbox 時   * values 一定要包含在 constraint 選項中 * `自訂項目` 時，values 為 `其他`，自訂內容存放於 displayName   若 spec name 為自訂時   * `自訂項目` 的值存放於 spec.values * displayName 需為必填，但不需與 `自訂項目` 的值一致 |
| items | ProposalItem[] | RW | POST: Y  PUT: N | 屬性內容 |
| videos | ProductVideo[] | RW | POST: Y  PUT: N | 商品影片 |
| images | ProductImage[] | RW | POST: Y  PUT: N | 商品圖   * newListing/newProduct   + 最多 10 張，需要為正方形，尺寸大於 1000^2 pixels 會被縮至 1000^2, 400^2, 250^2, 135^2 及 80^2 pixels、大於 400^2 pixels 會被縮至 400^2, 250^2, 135^2 及 80^2 pixels   + 至少需要兩張主圖 (1000^2 pixels)，可增加 8 張副圖 (1000^2 or 400^2 pixels) * updateImage   + 用於 proposal.listing.models 且 order = 1 時，可於各尺寸指定小圖 URL，未指定寬高的維度會是 1000x1000 圖檔自動縮圖   + 用於 proposal.listing.[additionalPurchase|complimentaries|selectComplimentaries]，規則同 newListing / newProduct |
| displayName | String | RW | POST: N  PUT: N | 賣場顯示名稱，預設為規格名稱  若為無屬性商品時為空, 有 1 層及以上屬性時可填 |

### ProposalItem

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| id | Int32 | RO |  | item ID |
| stock | Int32 | RW | POST: ?  PUT: N | 備貨數量  若配送方式 (shipType) 為 61 (集宅配)，則只能為 0  若配送方式 (shipType) 為 61 (集宅配)，default 0  range:   * 成本 >= 5萬: 0-15 * 成本 >= 3萬: 0-50 * 成本 >= 1萬: 0-100 * 成本 >= 5千: 0-300 * 成本 >= 3千: 0-500 * 成本 >= 0: 0-1000 |
| partNo | String | RW | POST: N  PUT: N | 屬性商品供應商商品料號，最長 40 個字 |
| barcode | String | RW | POST: N  PUT: N | 實際國際條碼，限定為13碼或12碼 (12碼由 API 在前面補 0 )  若為下列配送方式 (shipType)時則可填寫   * 1 (宅配) * 61 (集宅配) * 800 (直店配) |
| warehouseBarcode | String | RW | POST: N  PUT: N | 進倉用國際條碼，限定為13碼或12碼 (12碼由 API 在前面補 0 )  shipTypeId=61 (集宅配) 時可填，未填寫則由系統自動產生 |
| spec | Attribute | RW | POST: ?  PUT: N | 第 2 層屬性的 spec  需為 ProposalProductSpec 中 level=2 的 spec  若為無屬性與 1 層屬性商品時為空, 為 2 層屬性商品時為必填 |
| displayName | String | RW | POST: N  PUT: N | 賣場顯示名稱，預設為規格名稱  若為無屬性與 1 層屬性商品時為空, 為 2 層屬性商品時可填 |

### ProductVideo

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| url | String | RW | POST: Y  PUT: N | 影片 url  若 FQDN 為 {s|ct}.yimg.com 或 edgecast-vod.yahoo.net，必需為 https 協定  目前支援的 Video Codecs 請見[列表](https://docs.aws.amazon.com/mediaconvert/latest/ug/reference-codecs-containers-input.html) |
| duration | Int32 | RO |  | Duration of the video in millisecond. It's only present for an output preset. |
| width | Int32 | RO |  | Width of the video in pixels. |
| height | Int32 | RO |  | Height of the video in pixels. |
| thumbnail | ProductImage | RO |  | 預覽圖 |
| order | Int32 | RW | POST: Y  PUT: N | order, starts from 1 |

### ProductImage

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| url | String | RW | POST: Y  PUT: N | 圖檔 url |
| width | Int32 | RO |  | Width and height of the image in pixels.  options:   * 1000x1000 (required for order=1,2) * 400x400 * 250x250 * 135x135 * 80x80 |
| height | Int32 | RO |  |
| order | Int32 | RW | POST: Y  PUT: N | order, starts from 1 |

### ProposalListing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| id | Int32 | RW | POST: ?  PUT: ? | 賣場 ID，proposal type = 13 (updateCopy) 時需提供 |
| zoneId | String | RO |  | 賣場目前的分類區 ID, e.g. z1  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| zoneName | String | RO |  | 賣場目前的分類區名  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| subStationId | String | RO |  | 賣場目前的分類子站 ID, e.g. sub1  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| subStationName | String | RO |  | 賣場目前的分類子站名  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| catId | String | RO |  | 賣場目前的分類父類 ID, e.g. cat1610  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| catName | String | RO |  | 賣場目前的分類父類名  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| catItemId | String | RW | POST: ?  PUT: ? | 賣場目前的分類子類 ID, e.g. catItem21704  提案一般賣場且 reviewStatus 為 draft 以上時必填  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| catItemName | String | RO |  | 賣場目前的分類子類名  若因分類變動導致無法以 catItemId 導回，則分類路徑 (區到子類) 資訊將不再回傳 |
| seoUrl | String | RW | POST: ?  PUT: ? | 賣場網址，最長 25 個字  只接受正/簡體中文、英文、數字、`-`，多個 `-` 會合併成一個，開頭不能是 `-`  提案一般賣場且 reviewStatus 為 draft 以上時必填 |
| featureTitle | String | RW | POST: ?  PUT: ? | 特色標題，最長 20 個字 |
| deliveryType | String | RW | POST: ?  PUT: ? | 交貨期限  default normal  options:   * normal: 正常交貨期 * preOrder: 預購型商品 * customized: 客製化商品 * appointment: 客約送貨日  |  |  | | --- | --- | | shipTypeId = 61 (集宅配) | if (product.isInstallRequired = true) ? appointment : normal | | shipTypeId != 61 (非集宅配) | if category.functions contains   * preOrderDelivery: normal, preOrder * customizedDelivery: normal, customized * appointmentDelivery: normal, appointment |   提案一般賣場且 reviewStatus 為 draft 以上時必填 |
| preOrderExpectedShipDate | String | RW | POST: ?  PUT: ? | 預購型商品預定出貨日  range:   * > todya+5 * < today+45   提案一般賣場且 reviewStatus 為 draft 以上且 delieryType=preOrder 時必填 |
| customizedOrderShipDateAfterPlaced | Int32 | RW | POST: ?  PUT: ? | 客製化商品完成訂單後出貨天數  range: [3-90]  提案一般賣場且 reviewStatus 為 draft 以上且 delieryType=customized 時必填 |
| onShelvedTs | String | RW | POST: ?  PUT: ? | 開始時間，預設現在時間，不可大於結束時間  提案一般賣場且 reviewStatus 為 draft 以上時必填 |
| offShelvedTs | String | RW | POST: ?  PUT: ? | 結束時間，預設為開始時間 + 365 天，不可小於開始時間  提案一般賣場且 reviewStatus 為 draft 以上時必填 |
| isDisplay | boolean | RW | POST: N  PUT: N | 賣場是否顯示，default true  PM 登入才可指定 |
| price | String | RW | POST: ?  PUT: ? | 購物中心售價，到小數點兩位  range: [0-9999999]  rules:   1. cost (成本(含稅+運費)) <= price (購物中心售價) <= msrp (廠商建議價) 2. shipTypeId=800 (直店配) 時需 <= 20000   提案一般賣場且 reviewStatus 為 draft 以上時必填  若"賣場毛利率 ((購物中心售價 - 成本) / 購物中心售價) < 子站毛利率"時，則   1. 若有自動過審 (user.profile.toggles contains autoApproveListingOnOffShelve)時，API 會阻擋該 request 2. 若無自動過審，僅檢查賣場毛利率需 >=0 |
| applyLowGpm | Boolean | RW | POST: N  PUT: N | 是否申請低毛利率賣場，僅有"PM仿供應商登入"可填寫  若"賣場毛利率 ((購物中心售價 - 成本) / 購物中心售價) < 子站毛利率"且 applyLowGpm 為 false 時，API 會阻擋該 request  default false |
| purchaseQtyLimit | Int32 | RW | POST: ?  PUT: ? | 限購數量  default 12  range: [1-99]  提案一般賣場且 reviewStatus 為 draft 以上時必填 |
| cvsPurchaseQtyLimit | Int32 | RW | POST: N  PUT: N | 超商取貨限購數量  range: [1-32767]  僅 shipTypeId=800 (直店配) 時可更改，其餘只能為 1  最大值為 20000 / 購物中心售價，取正整數  default 1 |
| copy | String | RW | POST: ?  PUT: ? | 商品詳情 (文案)，HTML content  proposal type = 13 (updateCopy) 時需提供 |
| swCode | String | RO |  | 隱藏賣場 SW code |
| models | [ProductModel](#_xoh5xb8nf9t3)[] | RW | POST: ?  PUT: ? | 屬性商品型號  proposal type = 14 (updateVideo) 且非無屬性賣場時須提供 |
| videos | [ProductVideo](#_1qx8expl63ug)[] | RW | POST: ?  PUT: ? | 賣場影片  proposal type = 14 (updateVideo) 且為無屬性賣場時須提供 |
| images | [ProductImage](#_9squwyexx8am)[] | RW | POST: ?  PUT: ? | 賣場圖片  proposal type = 7 (updateImage) 且為無屬性賣場時須提供 |
| additionalPurchase | [ProductModel](#_xoh5xb8nf9t3)[] | RW | RW | 加價購內容  proposal type = 7 (updateImage) 時才可提供，並需填入 *sku* 與 *images* 欄位 |
| complimentaries | [ProductModel](#_xoh5xb8nf9t3)[] | RW | POST: ?  PUT: ? | 買就送贈品內容  proposal type = 7 (updateImage) 時才可提供，並需填入 *sku* 與 *images* 欄位 |
| selectComplimentaries | [ProductModel](#_xoh5xb8nf9t3)[] | RW | POST: ?  PUT: ? | 任選贈品內容  proposal type = 7 (updateImage) 時才可提供，並需填入 *sku* 與 *images* 欄位 |
| shareMediaBetweenModels | Boolean | RW | POST: ?  PUT: ? | 是否共用同一組商品圖  proposal type = 7 (updateImage) 時才可提供  只有 1 層屬性時可為 true  若為 true ，則 models 只有第一個 model 可以有圖/影片 (models[0].images / models[0].videos)  default: false |

### Proposals

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column Name** | **Type** | **RW/RO** | **Required** | **Note** |
| proposals | Proposal[] | RO |  | proposals |
| pagination | Pagination | RO |  |  |

# Endpoints

## Common

### GET /spa/v1/token

<https://tw.supplier.yahoo.com/api/spa/v1/token>

取得 X-YahooWSSID-Authorization HTTP Request Header，用做後續其他 Endpoint 認證使用

Output

* HTTP Status Code: 200 (OK)
* Object: [Token](#sv6i6xchllyp)

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 | 40000005 | Contains illegal character(s) |
| 401 | 40100005 | 計算 token 失敗，可能為 Cookie 不合法 |

Example

|  |
| --- |
| GET /spa/v1/token  HTTP/1.1 200 OK  {  "wssid": "ABCDEFabcdef0123456789.\_-~"  } |

### GET /spa/v1/user

<https://tw.supplier.yahoo.com/api/spa/v1/user>

取得使用者資訊

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| fields | String | N | options:   * -profile |

Output

* HTTP Status: 200 (OK)
* Object: User

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000005 | Contains illegal character(s) |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 40100006 | Cookie has expired |
| 404 | 40404000 | User not found |
| 500 |  | Internal server error |

Example

|  |
| --- |
| GET /spa/v1/user?fields=-profile  HTTP/1.1 200 OK  {  "fullName": "孫協志",  "id": 4867,  "name": "fionayu",  "supplierId": 4866,  "supplierName": "興奇雅虎測試"  } |
| GET /spa/v1/user  HTTP/1.1 200 OK  {  "fullName": "孫協志",  "id": "16919060",  "name": "fionayu",  "profile": {  "accessoryContracts": [  "appliance",  "outrightPurchase",  "warehouse"  ],  "repairInfo": {  "contactWindow": {  "email": "foo@kimo.com",  "fax": "12345678",  "location": {  "address": "八德路四段1號1樓",  "city": "台北市",  "district": "南港區",  "zipCode": "115"  },  "name": "孫協志",  "phone": "26548686"  },  "memo": "孫協志",  "method": "directRepair"  },  "returnGoodDestination": "supplier",  "signedSubStationIds": [  "sub1",  "sub2",  "sub3"  ],  "toggles": [  "accounting",  "notifyAbnormal",  "changeGood",  "returnGood",  "adjustInventory",  "ESD",  "applyProductAndListing",  "warehouse",  "obtainListingPrice",  "obtainListingOriginalPrice",  "performanceRanking",  "deliverByThirdPartyLogistic",  "deliverByCvs",  "applyMarketingMaterial",  "recycleAppliance",  "autoApproveInventoryAdjustPrpsl",  "autoApproveListingProposal",  "autoReplenishmentWarehouseInventory"  ],  "warehouse": "choicelogistics",  "withdrawalInfo": {  "contactWindow": {  "email": "paranoid@kimo.com",  "location": {  "address": "八德路四段1號1樓",  "city": "台北市",  "district": "南港區",  "zipCode": "115"  },  "name": "孫協志",  "phone": "12345678"  }  }  },  "supplierId": 4866,  "supplierName": "興奇雅虎測試"  } |

### GET /spa/v1/serviceDesks

<https://tw.supplier.yahoo.com/api/spa/v1/serviceDesks>

取得 Yahoo 服務窗口

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| type | Int32 | Y | Comma-separated service desk   * proposal * order * warehouse * accounting |

Output

* HTTP Status: 200 (OK)
* Object: ServiceDesks

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000005 | Contains illegal character(s) |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 40100006 | Cookie has expired |
| 500 |  | Internal server error |

Example

|  |
| --- |
| GET /spa/v1/serviceDesks?type=proposal  HTTP/1.1 200 OK  {  "serviceDesks": [  {  "categoryId": "sub4",  "categoryName": "筆記型電腦",  "contacts": [  {  "id": "foo",  "name": "孫協志",  "phone": "1234-5678",  "email": "foo@verizonmedia.com"  }  ],  "type": "proposal"  },  {  "categoryId": "sub5",  "categoryName": "電玩 / 遊戲",  "contacts": [  {  "id": "bar",  "name": "王仁甫",  "phone": "2345-6789",  "email": "bar@verizonmedia.com"  }  ],  "type": "proposal"  }  ]  } |

## Category and Structured data attribute clusters

### GET /spa/v1/categories

<https://tw.supplier.yahoo.com/api/spa/v1/categories>

Query categories.

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| categoryId | String | Y | Comma-separated category ID list   * z1 * sub2 * cat3 * catItem4   If the ID is more than one, all of these have to belong to the same level  Max 50 category ID |
| isGift | Boolean | N | isGift field filter   * null: show all result * true: only show categories belong to gift * false: only show categories not belong to gift |
| fields | String | N | * children: include children * parents: include parents |

Output

* HTTP Status: 200 (OK)
* Object: Categories

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000005 | Contains illegal character(s) |
| 40001000 | All category ids provided must be at the same level |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 40100006 | Cookie has expired |
| 403 | 40301000 | Login user has no permission to access this category |
| 40304001 | No permission |
| 500 |  | Internal server error |

Example

|  |
| --- |
| # Query category, parent and children of ID sub28  GET /spa/v1/categories?categoryId=sub28&fields=children,parents  HTTP/1.1 200 OK  {  "categories": [  {  "categoryId": "sub28",  "categoryManager": {  "email": "foo@oath.com",  "id": "foo",  "name": "孫協志",  "phone": "12345678\*123"  },  "childrenIdList": [  "cat906",  "cat907",  "cat911"  ],  "deliveryTypes": [  "preOrder",  "appointment",  "customized",  "normal"  ],  "functions": [  "ESD",  "preOrderDelivery",  "eCoupon",  "appointmentDelivery",  "customizedDelivery"  ],  "isGift": false,  "isSexToy": false,  "isVideoGame": true,  "merchandiseManager": {  "email": "foo@oath.com",  "id": "foo",  "name": "李一一",  "phone": "12345678\*123"  },  "name": "電玩、遊戲",  "parentId": "z5",  "productManager": {  "email": "bar@oath.com",  "id": "bar",  "name": "葉一一",  "phone": "12345678\*123"  }  }  ],  "children": [  {  "categoryId": "cat911",  "name": "XBOX",  "isGift": false,  "visible": false  },  {  "categoryId": "cat3379",  "name": "贈品",  "isGift": true,  "visible": false  },  {  "categoryId": "cat914",  "name": "SONY PS2",  "isGift": false,  "visible": true  }  ],  "parents": [  {  "categoryId": "z5",  "name": "家電 / 視聽 / 電玩"  }  ]  } |

### GET /spa/v1/struDataAttrClusters

<https://tw.supplier.yahoo.com/api/spa/v1/struDataAttrClusters>

Query structured data attribute clusters. Could be query by the cluster IID or category ID. The cluster be named like '贈品' won’t be returned if the query is by categoryId and the proposalType is newListing.

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| id | String | ? | structured data attributes cluster ID |
| proposalType | String | ? | Proposal type   * newProduct 新增屬性商品 * newListing 新增一般賣場   Must be a pair parameter of categoryId. |
| categoryId | String | ? | Category ID which prefixed with its level, allow level 'catItem' only, e.g. 'catItem5566'  Must be a pair parameter of proposalType. |

Output

* HTTP Status: 200 (OK)
* Object: StruDataAttrClusters

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000005 | Contains illegal character(s) |
| 40000009 | Mismatch proposal type |
| 40000017 | Must have at least one field not empty |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 40100006 | Cookie has expired |
| 500 |  | Internal server error |

Example

|  |
| --- |
| GET /spa/v1/struDataAttrClusters?categoryId=catItem5566&proposalType=newListing  HTTP/1.1 200 OK  {  "struDataAttrClusters": [  {  "id": "000003326630",  "name": "童襪",  "categoryId": "catItem5566",  "proposalType": "newListing",  "attributes": [  {  "name": "品牌",  "values": [  "AIRWALK",  "Angel Q",  "AngryBrids 憤怒鳥童襪"  ],  "constraints": {  "type": "radiobox"  },  "required": true  }  ]  }  ]  } |

## Proposal

### GET /spa/v1/proposals/{id}

<https://tw.supplier.yahoo.com/api/spa/v1/proposals/>

Get a proposal, supports types *newProduct*, *newListing*, *newListingByApi*, *updateCopy* and *updateVideo* currently, the others will return 40409000 Proposal not found exception.

若因分類變動導致無法以 proposal.{product|listing}.catItemId 導回完整分類路徑，則 proposal. .{zoneId|zoneName|subStationId|subStationName|catId|catName|catItemId|catItemName} 將不再回傳。 若 proposal.product.subStationId 與 proposal.subStationId 不一致，表示目前 product 的子類已不屬於提案當下的子站，需請供應商重新選擇分類。編輯或複製提案時，使用者可先記住原本的 proposal.product.catItemId，若新選擇的 catItemId 仍為同一個，則原本填寫的 proposal.product.{models|attributes} 可繼續沿用。

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| id | Int32 | Y | Proposal ID |
| fields | String | N | Fields filter   * -struData * -product.copy * -listing.copy   預設值: -struData,-product.copy,-listing.copy |

Output

* HTTP Status: 200 (OK)
* Object: Proposal

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000001 | Wrong timestamp format |
| 40000005 | Contains illegal character(s) |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 40100006 | Cookie has expired |
| 403 | 40304001 | No permission |
| 40309000 | The supplier hasn't signed the sub station contract |
| 404 | 40409000 | Proposal not found |
| 410 | 41009001 | The category item no longer exists |
| 500 |  | Internal server error |

Example

|  |
| --- |
| GET /spa/v1/proposals/76527  HTTP/1.1 200 OK  {  "applicant": "孫協志",  "appliedTs": "2019-03-05T15:37:56+08:00",  "contactWindow": "kellyyeh",  "createdTs": "2019-03-05T15:34:58+08:00",  "creator": "mwu02",  "executeStatus": "idle",  "expiredTs": "2019-03-20T00:00:00+08:00",  "id": 76527,  "listing": {  "applyLowGpm": false,  "catId": "cat430",  "catItemId": "catItem10070",  "catItemName": "新迅馳Sonoma",  "catName": "加值功能NB推薦",  "cvsPurchaseQtyLimit": 1,  "deliveryType": "appointment",  "featureTitle": "我是特色標題",  "isDisplay": true,  "offShelvedTs": "2020-03-04T15:37:56+08:00",  "onShelvedTs": "2019-03-05T15:37:56+08:00",  "price": "100.00",  "purchaseQtyLimit": 12,  "seoUrl": "我是商品名稱",  "subStationId": "sub1",  "subStationName": "筆記型電腦超過十一個字test",  "zoneId": "z3",  "zoneName": "電腦 / 週邊 / 軟體"  },  "modifiedTimes": 2,  "modifiedTs": "2019-03-05T15:37:56+08:00",  "modifier": "mwu02",  "note": "我是備註",  "product": {  "attributeDisplayMode": "table",  "attributes": [  {  "name": "中央處理器品牌",  "values": [  "Intel"  ]  },  {  "name": "中央處理器型號",  "values": [  "G870"  ]  },  {  "name": "型號",  "values": [  "Trey-Super-PC"  ]  },  {  "name": "晶片組",  "values": [  "B75"  ]  },  {  "name": "硬碟機容量",  "values": [  "250GB"  ]  },  {  "name": "硬碟機轉速",  "values": [  "5400轉"  ]  },  {  "name": "固態硬碟",  "values": [  "無"  ]  },  {  "name": "光碟機",  "values": [  "無"  ]  },  {  "name": "作業系統",  "values": [  "無"  ]  },  {  "name": "記憶體容量(GB)",  "values": [  "2G"  ]  },  {  "name": "記憶體類型",  "values": [  "DDR2"  ]  },  {  "name": "記憶體工作頻率(MHz)",  "values": [  "333"  ]  },  {  "name": "記憶體插槽數",  "values": [  "1"  ]  },  {  "name": "記憶體最高支援容量",  "values": [  "2G以下"  ]  },  {  "name": "顯示卡類型",  "values": [  "獨立顯卡"  ]  },  {  "name": "螢幕尺吋",  "values": [  "無"  ]  },  {  "name": "觸控",  "values": [  "無"  ]  },  {  "name": "顯示晶片型號",  "values": [  "3dfx-voodoo-1"  ]  },  {  "name": "顯示卡記憶體類型",  "values": [  "高速記憶體"  ]  },  {  "name": "顯示卡記憶體容量(GB)",  "values": [  "12MB"  ]  },  {  "name": "尺寸(長x寬x高)(mm)",  "values": [  "2400x900x30000"  ]  },  {  "name": "區域網路",  "values": [  "64kbps"  ]  },  {  "name": "原廠保固",  "values": [  "none"  ]  },  {  "name": "音效",  "values": [  "mono"  ]  },  {  "name": "前面板連接埠",  "values": [  "極致簡約沒有任何連接埠"  ]  },  {  "name": "後面板連接埠",  "values": [  "只有電源插孔"  ]  },  {  "name": "後面板視訊埠",  "values": [  "HDMI"  ]  },  {  "name": "電源供應器瓦數(W)",  "values": [  "150kW"  ]  },  {  "name": "重量(kg)",  "values": [  "27t"  ]  }  ],  "brand": "我是品牌",  "catId": "cat430",  "catItemId": "catItem10070",  "catItemName": "新迅馳Sonoma",  "catName": "加值功能NB推薦",  "contentRating": "G",  "cost": "50.00",  "height": 77,  "isExpiringItem": true,  "isInstallRequired": true,  "isLargeVolume": true,  "isLargeVolumnProductGift": true,  "isNeedRecycle": true,  "isOutrightPurchase": true,  "length": 55,  "minPackingCount": 10,  "model": "我是商品型號",  "models": [  {  "displayName": "極致簡約Dell2019",  "images": [  {  "height": 1000,  "order": 1,  "url": 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"struDataAttrClusterId": "000003326689",  "struDataAttrClusterName": "品牌桌上型電腦",  "subStationId": "sub1",  "subStationName": "筆記型電腦超過十一個字test",  "warranty": {  "description": "保固說明文字",  "handler": "official",  "period": "一個月",  "scope": "新品瑕疵"  },  "weight": 88,  "width": 66,  "zoneId": "z3",  "zoneName": "電腦 / 週邊 / 軟體"  },  "reviewStatus": "pendingReview",  "subStationId": "sub1",  "subStationName": "筆記型電腦超過十一個字test",  "supplierId": 4866,  "supplierName": "興奇雅虎測試",  "type": "newListing"  } |

### GET /spa/v1/proposals

<https://tw.supplier.yahoo.com/api/spa/v1/proposals>

Query proposals.

若因分類變動導致無法以 proposal.{product|listing}cd .catItemId 導回完整分類路徑，則 proposal.{product|listing}.{zoneId|zoneName|subStationId|subStationName|catId|catName|catItemId|catItemName} 將不再回傳。 若 proposal.product.subStationId 與 proposal.subStationId 不一致，表示目前 product 的子類已不屬於提案當下的子站，需請供應商重新選擇分類。編輯或複製提案時，使用者可先記住原本的 proposal.product.catItemId，若新選擇的 catItemId 仍為同一個，則原本填寫的 proposal.product.{models|attributes} 可繼續沿用。

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| id | String | N | comma separated proposal ID |
| subStationId | String | N | comma separated sub station ID |
| type | String | Y | proposal type   * newProduct: 新增屬性商品 * newListing: 新增一般賣場 * newListingByApi: 透過 SCM API 新增一般賣場 * updateCopy: 修改賣場/商品詳情 * updateVideo: 修改賣場影片 |
| reviewStatus | String | N | comma separated review status   * composing: 尚未提案 * draft: 儲存暫不提案 * pendingReview: 待審核 * approved: 審核已通過 * declined: 審核不通過 * expired: 已過審核期限 |
| executeStatus | String | N | comma separated execute status   * idle: 未執行 * running: 執行中 * finished: 已執行 * failed: 執行失敗 |
| createdTs | String | N | created time |
| appliedTs | String | N | applied time |
| sort | String | N | comma separated sort condition (default: -id)   * +-id * +-appliedTs * +-expiredTs * +-reviewedTs * +-executedTs * +-modifiedTs |
| offset | Int32 | N | offset (default: 0, min: 0) |
| limit | Int32 | N | limit (default: 10, min: 0, max: 50) |
| fields | String | N | comma separated filter out field   * -struData * -product.copy * -listing.copy   default: -struData,-product.copy,-listing.copy |

Output

* HTTP Status: 200 (OK)
* Object: Proposals

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000001 | Wrong timestamp format |
| 40000005 | Contains illegal character(s) |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 401 | 40100006 | Cookie has expired |
| 500 |  | Internal server error |

Example

|  |  |  |  |
| --- | --- | --- | --- |
| **Case** | **Request** | **Response Status** | **Response** |
| Specific id and type | GET /spa/v1/proposals?id=76527&type=newListing | HTTP/1.1 200 | <https://docs.google.com/document/d/1rajvZs_RbNA6w7ugDy9XjiD2nTc1L98UyziLL2-t5uw/edit> |

### POST /spa/v1/proposals

<https://tw.supplier.yahoo.com/api/spa/v1/proposals>

Create a proposal, supports newProduct, newListing, updateCopy and updateVideo currently.

The status field could be assigned to **composing** and **draft** only.

For image and video in the proposal, please refer to [檔案上傳](#sl8av3vphnyo) section to upload files and gather the URLs.

Payload: Proposal

Output

* HTTP Status: 201 (Created)
* Object: Proposal

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000005 | Contains illegal character(s) |
| 40000010 | Multiple bad parameters |
| 40000011 | Invalid ISO-8601 format |
| 40000012 | Image could not be fetched |
| 40000015 | Invalid array size |
| 40009000 | The gross profit margin is too low |
| 40009001 | The gross profit margin should be greater than or equal to 0 |
| 40009002 | No permission to apply for low gross profit margin listing |
| 40009003 | No permission to set listing is not display |
| 40009005 | Sub station not exist |
| 40009007 | Price cannot be greater than CVS' limitation NT$20,000 |
| 40009008 | Missing or bad sub station ID |
| 40009009 | Cannot fetch the provided media resource(s) |
| 40009010 | Manufacturer's suggested retail price cannot be 0 |
| 40009011 | Price cannot be 0 |
| 40009012 | Cost cannot be 0 |
| 40009013 | Price cannot be greater than Manufacturer's suggested retail price |
| 40009014 | Cost cannot be greater than Manufacturer's suggested retail price |
| 40009015 | Cost cannot be greater than price |
| 40009016 | Manufacturer's suggested retail price cannot be empty when the review status isn't composing |
| 40009017 | Price cannot be empty when the review status isn't composing and the type is newListing |
| 40009018 | Cost cannot be empty when the review status isn't composing |
| 40009019 | Duplicated proposal product media order |
| 40009020 | Insufficient proposal product main image |
| 40009021 | The main image dimension should be a square and greater than or equal to 1000x1000 pixels |
| 40009022 | The image dimension should be a square and greater than or equal to 400x400 pixels |
| 40009023 | The first proposal product model must have images when the review status isn't composing |
| 40009024 | Seems not sharing images between models, please provide images for each model |
| 40009025 | Invalid iframe URL in the proposal copy HTML |
| 40009026 | Invalid image URL in the proposal copy HTML |
| 40009027 | Invalid listing display order |
| 40009028 | Invalid content in the proposal copy HTML |
| 40009029 | Mismatch category ID |
| 40009030 | Invalid categoryItem ID |
| 40009035 | Product warranty cannot be empty when the review status isn't composing |
| 40009036 | Product warranty scope cannot be empty when the review status isn't composing and warranty period isn't `無保固` |
| 40009037 | Invalid product warranty handler, empty or `none` when the review status isn't composing or warranty period isn't `無保固` |
| 40009038 | Invalid media URL in the proposal product models |
| 40009039 | Invalid barcode |
| 40009040 | Duplicated warehouse barcode |
| 40009041 | Cannot designate the product as an install required item |
| 40009042 | Cannot designate the product as a large volume item's gift |
| 40009043 | Proposal expired time must within +3 and +15 days |
| 40009044 | Product content rating cannot be empty when the review status isn't composing |
| 40009045 | Invalid product content rating |
| 40009046 | Invalid product safe stock quantity |
| 40009047 | Product length cannot be empty when the review status isn't composing |
| 40009048 | Product width cannot be empty when the review status isn't composing |
| 40009049 | Product height cannot be empty when the review status isn't composing |
| 40009050 | Product weight cannot be empty when the review status isn't composing |
| 40009051 | Product length + width + height must be less than 270 cm |
| 40009052 | Product weight must be less than 30000 gram |
| 40009053 | Invalid product preserve days |
| 40009054 | Product cannot be a expiring item |
| 40009055 | Invalid product name, might be longer than 45 words or contains invalid character |
| 40009056 | Invalid product minimum packing count |
| 40009057 | Product display mode cannot be empty when the review status isn't composing |
| 40009058 | Product game contents must be empty |
| 40009059 | Product structure data attribute cluster ID cannot be empty when the review status isn't composing |
| 40009060 | Duplicated product specification |
| 40009061 | Duplicated product attribute |
| 40009062 | Duplicate attributes and specifications |
| 40009063 | Proposal model specification must be empty when there is no attribute in the proposal |
| 40009064 | Proposal model display name must be empty when there is no attribute in the proposal |
| 40009065 | Proposal model specification name must be equal to proposal level 1 specification name |
| 40009066 | Proposal item specification must be empty when there aren't 2 attributes in the proposal |
| 40009067 | Proposal item display name must be empty when there aren't 2 attributes in the proposal |
| 40009068 | Proposal item specification name must be equal to proposal level 2 specification name and be equal between models |
| 40009069 | Invalid proposal item stock |
| 40009070 | Proposal item warehouse barcode must be empty |
| 40009071 | Proposal item barcode must be empty |
| 40009072 | Proposal model specification cannot be empty when there isn't no attribute in the proposal |
| 40009073 | Proposal model specification values must have only one value and pre-defined in structured data |
| 40009074 | Proposal item specification cannot be empty when there are 2 attributes in the proposal |
| 40009075 | Proposal item specification values must have only one value, be equal between models and pre-defined in structured data |
| 40009076 | Proposal models cannot be empty when the review status isn't composing |
| 40009077 | Category item ID cannot be empty when the review status isn't composing |
| 40009078 | Listing URL cannot be empty when the review status isn't composing |
| 40009079 | Product name must start with `(即期品)` |
| 40009080 | Listing URL only allow Chinese, English, numeric and dash (`-`) |
| 40009081 | Invalid product short description, might be longer than 15 words or contains invalid character |
| 40009082 | Product short description must have at least one is not empty when the review status isn't composing |
| 40009083 | Listing delivery type cannot be empty when the review status isn't composing |
| 40009084 | Listing pre-order expected ship date cannot be empty when delivery type is pre-order |
| 40009085 | Listing customized order ship date after placed cannot be empty when delivery type is customized |
| 40009086 | Listing pre-order expected ship date must within +5 and +45 days |
| 40009087 | Cannot sharing media between models for the proposal which isn't with 1 layer attribute |
| 40009088 | Listing on shelved time cannot be greater than off shelved time |
| 40009089 | Product copy cannot be empty when the review status isn't composing |
| 40009090 | Listing CVS purchase quantity limit must less than 20000 / price |
| 40009091 | Listing CVS purchase quantity limit must be empty |
| 40009092 | Cannot designate the product as a recyclable item |
| 40009093 | Cannot designate the product as an outright purchased item |
| 40009094 | The supplier hasn't be granted the ship type permission |
| 40009095 | Invalid delivery type |
| 40009096 | Invalid structure data attribute cluster ID |
| 40009097 | Only the first model can assign images when sharing media between models |
| 40009098 | Only the first model can assign videos when sharing media between models |
| 40009100 | Unallowed discount tool |
| 40009101 | Unallowed discount target member |
| 40009102 | Unallowed discount site |
| 40009103 | Unallowed discount activity |
| 40009105 | Cannot create a proposal with review status not in `composing`, `draft` and `pendingReview` |
| 40009106 | Cannot create a non-composing proposal with empty warranty period |
| 40009107 | Proposal applicant cannot be empty when the review status isn't composing |
| 40009108 | The order number must be sequential when the review status isn't composing |
| 40009109 | The sub station doesn't support the delivery type |
| 40009110 | Invalid ship type ID |
| 40009111 | Product name cannot be empty when the review status isn't composing |
| 40009112 | Product attribute value cannot be empty |
| 40009113 | Product attribute value's length does not meet the constraints |
| 40009114 | Too many customized product attribute values |
| 40009115 | Missing required product attribute |
| 40009116 | Product attributes values are duplicated |
| 40009117 | Too many product attribute values |
| 40009119 | The image order cannot be empty |
| 40009120 | Duplicated game contents |
| 40009121 | Unallowed game contents |
| 40009122 | Invalid product is large volume |
| 40009123 | Proposal suggestion must be empty when the review status is `composing`, `draft` or `pendingReview` |
| 40009124 | Duplicated display name |
| 40009127 | Invalid listing ID |
| 40009128 | Invalid listing copy |
| 40009129 | Product specification level must start at 1 and cannot be duplicated |
|  | 40009130 | Invalid listing model ID |
|  | 40009131 | Video does not exist |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 40100006 | Cookie has expired |
| 403 | 40304001 | No permission |
| 40309000 | The supplier hasn't signed the sub station contract |
| 422 | 42209000 | Supports POST/PUT newListing, newProduct, updateCopy, updateVideo and newListingByApi proposal type only currently |
| 42209001 | Supports POST/PUT composing, draft and pendingReview proposal review status only currently |
| 500 |  | Internal server error |

Example

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Case** | **Request** | **Response Status** | **Response** |
| 新增一般賣場 | 二層屬性 | POST /spa/v1/proposals  [Body](https://docs.google.com/document/d/1-ROog-SSxvCIKkWRfcjadtFmP_gnL4PkqbR7TfvR5Cg/edit) | HTTP/1.1 201 | <https://docs.google.com/document/d/1Xw3Rf_LirWAizvjJU9QV44Nye206AEwKTpyzj70iDEY/edit> |
| 修改賣場/商品詳情提案 |  | POST /spa/v1/proposals  [Body](https://docs.google.com/document/d/1lpaxTgZsCequXiyj7GO0XcWXyzDe6yAFfmNQiUbT7tI/edit) | HTTP/1.1 201 | <https://docs.google.com/document/d/1HqPLzfY9XbgnqlGpnhKe04kWoKE0KDUXd4xdNykDI2s/edit> |
| 修改賣場影片 | 有屬性 | POST /spa/v1/proposals  [Body](https://docs.google.com/document/d/13xU9qoNWb07MDTgyiFBmr-fTJqby0eMsK3oWmW0GPpI/edit) | HTTP/1.1 201 | <https://docs.google.com/document/d/1eekPRUkLJe6bROHcAF0WqsWAB0ETEwiMfZ48Oah03w0/edit> |
| 修改賣場影片 | 無屬性 | POST /spa/v1/proposals  [Body](https://docs.google.com/document/d/1EhX2ekywSBG16FCGE4meyPE1jDv4Z8ksIJMBMJlMz84/edit) | HTTP/1.1 201 | <https://docs.google.com/document/d/15rp85S6iSyUn106okz87ULoIt2AxQr51fS1P2PklLlo/edit> |

## Listing

### GET /spa/v1/listings/{id}

<https://tw.supplier.yahoo.com/api/spa/v1/listings>

Get the log-in supplier owned listing.

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| id | Int32 | Y | listing ID |

Output

* HTTP Status: 200 (OK)
* Response body: json
* Object: Listing

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000005 | Contains illegal character(s) |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 40100006 | Cookie has expired |
| 403 | 40304001 | No permission |
| 404 | 40411000 | Listing not found |
| 500 |  | Internal server error |

Example

|  |  |  |  |
| --- | --- | --- | --- |
| **Case** | **Request** | **Response Status** | **Response** |
| 單層屬性賣場 | GET /spa/v1/listing/3367399?fields= | HTTP/1.1 200 | <https://docs.google.com/document/d/1Zuw1Ps0Xh5DhiY97cP_x1QzRjgJezppIIqzkJnWvIj8/edit> |
| 雙層屬性賣場 | GET /spa/v1/listing/3369796 | HTTP/1.1 200 | <https://docs.google.com/document/d/1yKZHkZa4QvgKYUxOWlWM30JBIXYOLwPVQcHLJ3FG7sk/edit> |
| 無屬性賣場 | GET /spa/v1/listing/3367397 | HTTP/1.1 200 | <https://docs.google.com/document/d/1YeCaOPA51Brzw5nVLEcSYewlqtEBPxuEZ40h9zQgZmU/edit> |

### GET /spa/v1/listings

Query listings owned by the log-in supplier.

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| id | String | Y | Comma separated listing ID |

Output

* HTTP Status: 200 (OK)
* Response body: json
* Object: Listings

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 40000005 | Contains illegal character(s) |
| 401 | 40100001 | Missing or bad authentication |
| 40100002 | Invalid cookie |
| 40100003 | Simulated login but has no corporation cookie |
| 40100004 | Check wssid failed |
| 40100006 | Cookie has expired |
| 500 |  | Internal server error |

Example

|  |  |  |  |
| --- | --- | --- | --- |
| **Case** | **Request** | **Response Status** | **Response** |
| Query listings | GET /spa/v1/listings?id=3367399,3362568&offset=0&limit=20&sort=+id | HTTP/1.1 200 | <https://docs.google.com/document/d/1Mf6_EXHUdLwAgbrJ8TTCUD58ms_-nKEcUdwVbdJ5pg8/edit> |

# 檔案上傳

## 取得 Temp Credential

### GET /credentials

<https://tw.buy.yahoo.com/api/fileUploader/v1/credentials>

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| fields | String | N | options:   * -profile |

Output

* HTTP Status: 200 (OK)
* Object: Credential

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 401 | 4010001 | Missing or bad authentication |
| 4010002 | Missing or bad wssid |
| 429 | 4290001 | Too many requests, try again later |
| 500 |  | Internal server error |

Example

|  |
| --- |
| GET /credentials  HTTP/1.1 200 OK  {  "expiredTs": "2018-03-23T17:35:47+08:00",  "id": "ASIAJ34NITWZASYVDBHA",  "key": "G7u8k6ReWgJG0aJl/KCWkju2K936hJ93weewryGQ",  "token": "FQoDYXdzECoaDFgoglMgL+F7FxNnDiLuAQYYWGgZxrimRKtmYFfsARMFho49NlNPgLVQzpiNYkV/E91HrM7SUjMKRk73LIYhHferAY0lJrUawbPERXXPDIEfGiPO/Dt8hqcmIGxyw7ZahAgti+3ojwDd4o18+ruc2oXXEGUd+zp4uOYukYqCFnBYa142car6r4OtOu38l0M4Ygyrp6kyzNIwi8riwjUbIxf+DddTffHsmeC0fMRiMlVDOuX6fnMeyHjKS8NXxoHHKjPehABvOhzVHHxhqas5U8pSabc6wFuB1+A+eUGRCbVQRAhp64J156F6lotTLOtr63NJ2wRuNw5c+w5B+voo743T1QU="  } |

## 上傳檔案

可使用 <https://aws.amazon.com/getting-started/tools-sdks/> 搭配 GET /credentials 中取得之 token 將檔案上傳至 Bucket ytw-shp-file-uploader (ytw-shp-file-uploader-beta)，FileUploader/ 目錄下 [[1]](#oz205eg31pb5)。

Request Headers:

|  |  |  |  |
| --- | --- | --- | --- |
| **Header Name** | **Type** | **Required** | **Value** |
| x-amz-server-side​-encryption | String | Y | AES256 |
| x-amz-meta-YahooWSSID-Authorization | String | Y | The value fetched from [GET /spa/v1/token](#_sda4rpcf80d1)  This value will be used for comparing the requester. |

上傳成功會由 Response Header 得到 ETag，可透過 [GET /fileObjects/{ETag}](#_q7eoq9mz2bs6) 取得該檔案的 URL。

## 取得檔案 URL

### GET /fileObjects/{ETag}

<https://tw.buy.yahoo.com/api/fileUploader/v1/fileObjects/>

Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Required** | **Note** |
| ETag | String | Y | The Etag that AWS SDK returned |

Output

* HTTP Status: 200 (OK)
* Object: Object

Error

|  |  |  |
| --- | --- | --- |
| **HTTP Status Code** | **Error Code** | **Description** |
| 400 |  | Invalid input |
| 401 | 4010002 | Missing or bad wssid |
| 404 | 4040001 | Object not found |
|  | 4040002 | Type unsupported, the object has been skipped |
|  | 4040003 | Object already expired |
|  | 4040004 | User abused, the object has been deleted |
| 500 |  | Internal server error |

Example

|  |
| --- |
| GET /fileObjects/54b30123af76bc6fe7759b3498002cb0  HTTP/1.1 200 OK  {  "expiredTs": "2018-03-26T23:59:59+08:00",  "id": "54b30123af76bc6fe7759b3498002cb0",  "url": "https://s.yimg.com/nw/Files/3302c543a7bf5fecb7b71c5a61541b346823f189.png",  "status": "IN\_USE"  } |

# Error Message Format

|  |
| --- |
| {  "error": {  "code": 40000010, // error code  "detail": [ // (optional) error detail  {  "invalidValue": "foo", // (optional) invalid value, [if the error was occurred in business logic layer, will contain the path](#_cjg3mtgyejs5)  "message": "must not be null", // (optional) detail error message  "messageTemplate": "{javax.validation.constraints.NotNull.message}", // (optional) input validation rule  "path": "SpaResources.createProposal.proposal.product.models[0].images[0].url", // (optional) input valication invalid value path  "type": "validationError" // (optional) input validation error type  },  {  "invalidValue": "foo",  "message": "[40000011] Invalid ISO-8601 format" // (optional) detail error message with pre-defined error code  }  ],  "message": "Multiple bad parameters" // (optional) error message  }  } |

## Case 1: Invalid Input - Blocked by Regular Expression

|  |
| --- |
| POST /spa/v1/proposals  {  "type": "foo"  } |
| HTTP/1.1 400 Bad Request  {  "error": {  "code": 0,  "detail": [  {  "type": "validationError",  "invalidValue": "foo",  "message": "must match \"^(modifyCost|newCombinedListing|newAddition|newProduct|newListing|modifyImage|newListingByApi|batchUpdateShortDesc|batchUpdateFeatureTitle|updateCopy)$\"",  "messageTemplate": "{javax.validation.constraints.Pattern.message}",  "path": "SpaResources.createProposal.proposal.type"  }  ],  "message": "constraint violation validate error"  }  } |

## Case 2: Single Mismatch Business Logic Error

|  |
| --- |
| POST /spa/v1/proposals  {  "product": {  "models": [  {  "images": [  {  "url": "https://bad\_image\_url"  }  ]  }  ]  }  } |
| HTTP/1.1 400 Bad Request  {  "error": {  "code": 40000012,  "detail": [  {  "invaliValue": "proposal.product.models[0].images[0].url: https://bad\_image\_url",  "message": "Image could not be fetched"  }  ],  "message": "Image could not be fetched"  }  } |

## Case 3: Multiple Mismatch Business Logic Errors

|  |
| --- |
| POST /spa/v1/proposals  {  "expiredTs": "2019-02-31T00:00:00Z",  "product": {  "models": [  {  "images": [  {  "url": "https://bad\_image\_url"  }  ]  }  ]  }  } |
| HTTP/1.1 400 Bad Request  {  "error": {  "code": 40000010,  "detail": [  {  "invaliValue": "proposal.expiredTs: 2019-02-31T00:00:00Z",  "message": "[40000011] Invalid ISO-8601 format"  },  {  "invaliValue": "proposal.product.models[0].images[0].url: https://bad\_image\_url",  "message": "[40000012] Image could not be fetched"  }  ],  "message": "Multiple bad parameters"  }  } |

# 欄位定義表

## ShipType 配送方式

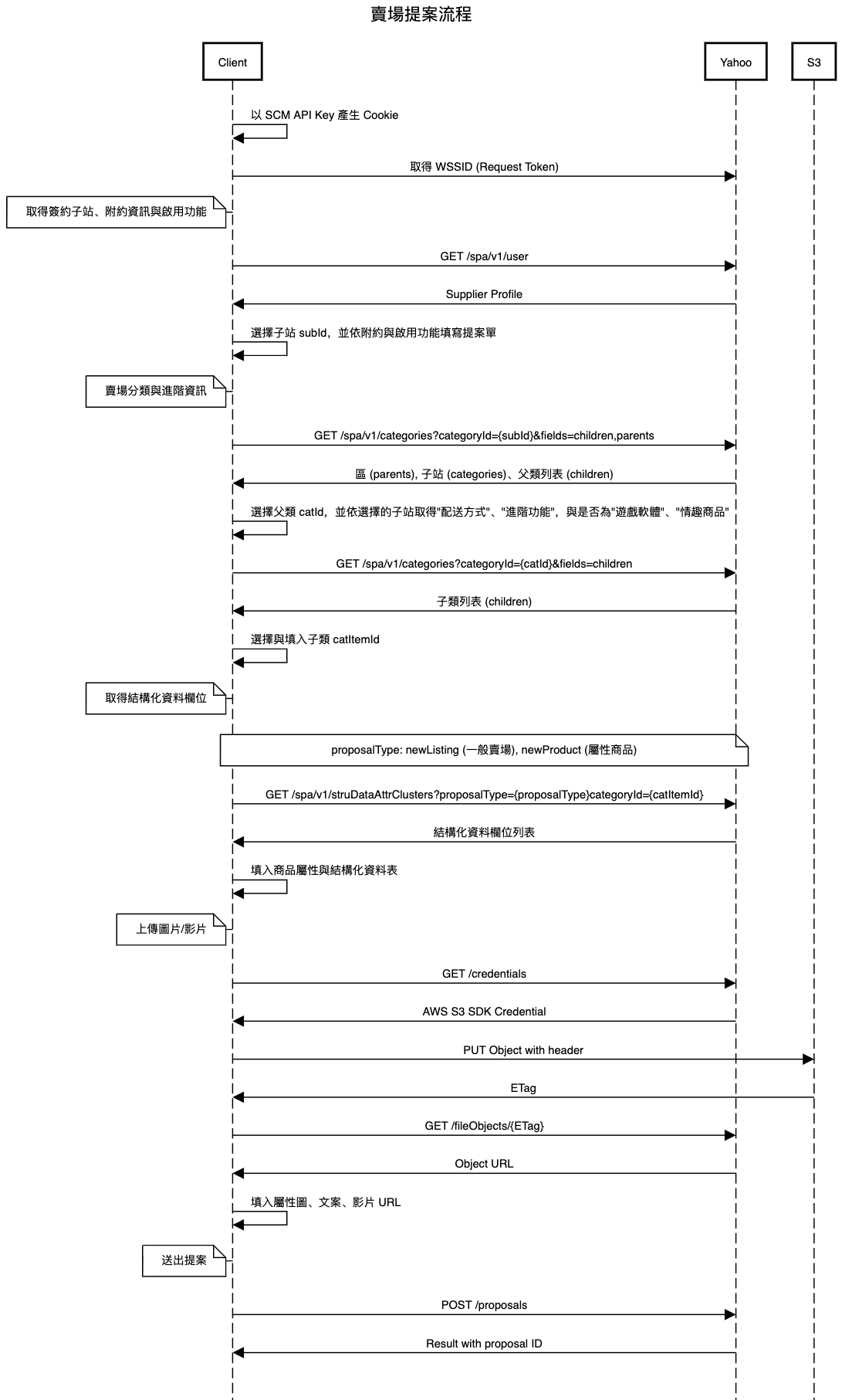
|  |  |  |
| --- | --- | --- |
| **ID** | **Name** | **中文名稱** |
| 1 | Home | 宅配(轉單/自出) |
| 61 | Express24HR | 快速到貨(進倉) |
| 200 | ESD | ESD |
| 400 | EDelivery | 電子禮券 |
| 800 | HomeStore | 直店配(宅配+超取) |

# 附件

## 商品詳情 HTML 規則

* [iframe URL 只允許 Youtube](https://regex101.com/r/9R03b4/1)
* [image URL 只允許 yimg.com](https://regex101.com/r/UTWcbP/1)
* image 不會再進行縮圖
* proposal.reviewStatus 非 composing 時，為必填

## 賣場提案流程



[Source: <https://tinyurl.com/y4v3n9nc>]

# 備註

1. [審核](#aewa44bjmyp)[狀態](#aewa44bjmyp)為 composing 時，該物件的各欄位皆可暫時留空，此處標註的 Required 表示狀態改為 draft 以上時之限制。另外部分欄位之間有需同時存在的相依性，請見 Note 欄位說明。

# Reference

1. [AWS Documentation » Amazon Simple Storage Service (S3) » API Reference » Operations on Objects » PUT Object](https://docs.aws.amazon.com/AmazonS3/latest/API/RESTObjectPUT.html)