

1 - Create Payment using Paypal Method

Note:- Change return_url and cancel_url as per your requirement of your salesforce org.

Method - POST

EndPoint -

<https://api.sandbox.paypal.com/v1/payments/payment>

Authorization - Type Basic Auth

Provide your Client Id as username and client secret as password

Header - Content - Type application/json

Sample body :-

```
{
  "intent": "sale",
  "payer": {
    "payment_method": "paypal"
  },
  "transactions": [
    {
      "amount": {
        "total": "30.11",
        "currency": "USD",
        "details": {
          "subtotal": "30.00",
          "tax": "0.07",
          "shipping": "0.03",
          "handling_fee": "1.00",
          "shipping_discount": "-1.00",
          "insurance": "0.01"
        }
      },
      "description": "The payment transaction description.",
      "custom": "EBAY_EMS_90048630024435",
      "invoice_number": "487874558we9673",
      "payment_options": {
        "allowed_payment_method": "INSTANT_FUNDING_SOURCE"
      },
      "soft_descriptor": "ECHI5786786",
      "item_list": {
        "items": [
          {
            "name": "hat",
            "description": "Brown hat.",

```

```
    "quantity": "5",
    "price": "3",
    "tax": "0.01",
    "sku": "1",
    "currency": "USD"
  },
  {
    "name": "handbag",
    "description": "Black handbag.",
    "quantity": "1",
    "price": "15",
    "tax": "0.02",
    "sku": "product34",
    "currency": "USD"
  }
],
"shipping_address": {
  "recipient_name": "Brian Robinson",
  "line1": "4th Floor",
  "line2": "Unit #34",
  "city": "San Jose",
  "country_code": "US",
  "postal_code": "95131",
  "phone": "011862212345678",
  "state": "CA"
}
}
}
],
"note_to_payer": "Contact us for any questions on your order.",
"redirect_urls": {
  "return_url":
"https://dreamhouse-a-dev-ed--c.ap5.visual.force.com/apex/CompletePayment?id=0067F0000040rbT",
  "cancel_url":
"https://dreamhouse-a-dev-ed--c.ap5.visual.force.com/apex/CancelPayment?id=0067F0000040rbT"
}
}
```

2 - Create Payment using CC Method

Method - POST

EndPoint -

<https://api.sandbox.paypal.com/v1/payments/payment>

Authorization - Type Basic Auth

Provide your Client Id as username and client secret as password

Header - Content - Type application/json

Sample body :-

```
{
  "intent": "sale",
  "payer": {
    "payment_method": "credit_card",
    "funding_instruments": [
      {
        "credit_card_token": {
          "credit_card_id": "CARD-06605720WH2877114LUUBLJQ"
        }
      }
    ]
  },
  "transactions": [
    {
      "amount": {
        "total": "113.01",
        "currency": "USD",
        "details": {
          "subtotal": "110.00",
          "tax": "2",
          "shipping": "1.00",
          "handling_fee": "0.01",
          "shipping_discount": "-1.00",
          "insurance": "1.00"
        }
      },
      "description": "Description Goes Here ",
      "custom": "EBAY_EMS_900486300244357364",
      "invoice_number": "p45hXOPq34gosd",
      "payment_options": {
        "allowed_payment_method": "INSTANT_FUNDING_SOURCE"
      },
      "soft_descriptor": "ECHI5786786",
    }
  ]
}
```

```
"item_list": {
  "items": [
    {
      "name": "GenWatt Diesel 1000kW",
      "description": "First Prod",
      "quantity": "1",
      "price": "100.00",
      "sku": "GC1060",
      "currency": "USD"
    },
    {
      "name": "GenWatt Diesel",
      "description": "null",
      "quantity": "1",
      "price": "10.00",
      "sku": "GC1060",
      "currency": "USD"
    }
  ],
  "shipping_address": {
    "recipient_name": "Brian Robinson",
    "line1": "4th Floor",
    "line2": "Unit #34",
    "city": "San Jose",
    "country_code": "US",
    "postal_code": "95131",
    "phone": "011862212345678",
    "state": "CA"
  }
},
"note_to_payer": "Contact us for any questions on your order.",
"redirect_urls": {
  "return_url":
    "https://dreamhouse-a-dev-ed--c.ap5.visual.force.com/apex/CompletePayment?id=0067F0000040rbTQAQ",
  "cancel_url":
    "https://dreamhouse-a-dev-ed--c.ap5.visual.force.com/apex/CancelPayment?id=0067F0000040rbTQAQ"
}
```

3 - Create Order using api

Method - POST

EndPoint -

<https://api.sandbox.paypal.com/v2/checkout/orders>

Authorization - Type Basic Auth

Provide your Client Id as username and client secret as password

Header - Content - Type application/json

Note:- Change return_url and cancel_url as per your requirement of your salesforce org.

Sample body :-

```
{
  "intent": "CAPTURE",
  "application_context": {
    "return_url":
    "https://dreamhouse-a-dev-ed--c.ap5.visual.force.com/apex/CompleteOrder?id=0067F0000040rbTQAQ",
    "cancel_url":
    "https://dreamhouse-a-dev-ed--c.ap5.visual.force.com/apex/CancelPayment?id=0067F0000040rbTQAQ",
    "brand_name": "APEX HOURS - SFDCPanther",
    "locale": "en-US",
    "landing_page": "BILLING",
    "shipping_preference": "SET_PROVIDED_ADDRESS",
    "user_action": "CONTINUE"
  },
  "purchase_units": [
    {
      "reference_id": "PUHF",
      "description": "EBAY_EMS_900486300244357364 txrGqduE",
      "custom_id": "EBAY_EMS_900486300244357364 txrGqduE",
      "amount": {
        "currency_code": "USD",
        "value": "150.00",
        "breakdown": {
          "item_total": {
            "currency_code": "USD",
            "value": "110.00"
          }
        }
      },
      "shipping": {
```

```
    "currency_code": "USD",
    "value": "30.00"
  },
  "handling": {
    "currency_code": "USD",
    "value": "10.00"
  },
  "tax_total": {
    "currency_code": "USD",
    "value": "10.00"
  },
  "shipping_discount": {
    "currency_code": "USD",
    "value": "10.00"
  }
},
"items": [
  {
    "name": "GenePoint SLA GenWatt Diesel 1000kW",
    "description": "First Prod",
    "sku": "GC1060",
    "unit_amount": {
      "currency_code": "USD",
      "value": "100.00"
    },
    "tax": {
      "currency_code": "USD",
      "value": "5.00"
    },
    "quantity": "1",
    "category": "PHYSICAL_GOODS"
  },
  {
    "name": "GenePoint SLA GenWatt Diesel",
    "description": "null",
    "sku": "GC1060",
    "unit_amount": {
      "currency_code": "USD",
      "value": "10.00"
    },
    "tax": {
```

```
    "currency_code": "USD",
    "value": "5.00"
  },
  "quantity": "1",
  "category": "PHYSICAL_GOODS"
}
],
"shipping": {
  "method": "United States Postal Service",
  "address": {
    "name": {
      "full_name": "John",
      "surname": "Doe"
    },
    "address_line_1": "123 Townsend St",
    "address_line_2": "Floor 6",
    "admin_area_2": "San Francisco",
    "admin_area_1": "CA",
    "postal_code": "94107",
    "country_code": "US"
  }
}
}
]
```

4 - Create Invoice

Method - POST

EndPoint -

<https://api.sandbox.paypal.com/v2/invoicing/invoices>

Authorization - Type Basic Auth

Provide your Client Id as username and client secret as password

Header - Content - Type application/json

Sample body: -

```
{
  "detail": {
    "invoice_number": "#1234563",
    "reference": "deal-ref",
    "invoice_date": "2018-11-12",
    "currency_code": "USD",
    "note": "Thank you for your business.",
    "term": "No refunds after 30 days.",
    "memo": "This is a long contract",
    "payment_term": {
      "term_type": "NET_10",
      "due_date": "2018-11-22"
    }
  },
  "invoicer": {
    "name": {
      "given_name": "David",
      "surname": "Larusso"
    },
    "address": {
      "address_line_1": "1234 First Street",
      "address_line_2": "337673 Hillside Court",
      "admin_area_2": "Anytown",
      "admin_area_1": "CA",
      "postal_code": "98765",
      "country_code": "US"
    },
    "email_address": "sfdcpanther\_demo1@outlook.com",
    "phones": [
      {
        "country_code": "001",
        "national_number": "4085551234",
        "phone_type": "MOBILE"
      }
    ]
  }
}
```

```
    }
  ],
  "website": "www.test.com",
  "tax_id": "ABcNkWSfb5ICTt73nD3QON1fnnpgNKBy-
Jb5SeuGj185MNNw6g",
  "logo_url": "https://tinyurl.com/y4l8z7o7",
  "additional_notes": "2-4"
},
"primary_recipients": [
  {
    "billing_info": {
      "name": {
        "given_name": "Apex",
        "surname": "Hours"
      },
      "address": {
        "address_line_1": "1234 Main Street",
        "admin_area_2": "Anytown",
        "admin_area_1": "CA",
        "postal_code": "98765",
        "country_code": "US"
      },
      "email_address": "bill-me@example.com",
      "phones": [
        {
          "country_code": "001",
          "national_number": "4884551234",
          "phone_type": "HOME"
        }
      ],
      "additional_info_value": "add-info"
    },
    "shipping_info": {
      "name": {
        "given_name": "Apex",
        "surname": "Hours"
      },
      "address": {
        "address_line_1": "1234 Main Street",
        "admin_area_2": "Anytown",
        "admin_area_1": "CA",
        "postal_code": "98765",
```

```
        "country_code": "US"
      }
    }
  ],
  "items": [
    {
      "name": "Yoga Mat",
      "description": "Elastic mat to practice yoga.",
      "quantity": "1",
      "unit_amount": {
        "currency_code": "USD",
        "value": "50.00"
      },
      "tax": {
        "name": "Sales Tax",
        "percent": "7.25"
      },
      "discount": {
        "percent": "5"
      },
      "unit_of_measure": "QUANTITY"
    },
    {
      "name": "Yoga t-shirt",
      "quantity": "1",
      "unit_amount": {
        "currency_code": "USD",
        "value": "10.00"
      },
      "tax": {
        "name": "Sales Tax",
        "percent": "7.25"
      },
      "discount": {
        "amount": {
          "currency_code": "USD",
          "value": "5.00"
        }
      },
      "unit_of_measure": "QUANTITY"
    }
  ]
}
```

```

],
"configuration": {
  "partial_payment": {
    "allow_partial_payment": true,
    "minimum_amount_due": {
      "currency_code": "USD",
      "value": "20.00"
    }
  },
  "allow_tip": true,
  "tax_calculated_after_discount": true,
  "tax_inclusive": false
},
"amount": {
  "breakdown": {
    "custom": {
      "label": "Packing Charges",
      "amount": {
        "currency_code": "USD",
        "value": "10.00"
      }
    }
  },
  "shipping": {
    "amount": {
      "currency_code": "USD",
      "value": "10.00"
    }
  },
  "tax": {
    "name": "Sales Tax",
    "percent": "7.25"
  }
},
"discount": {
  "invoice_discount": {
    "percent": "5"
  }
}
}
}
}

```

5 - Send Invoice

Copy the Id from the previous step that you got

Method - POST

EndPoint -

https://api.sandbox.paypal.com/v2/invoicing/invoices/INV2-55MS-3EBD-H2L8-STPG/send?notify_merchant=true

Authorization - Type Basic Auth

Provide your Client Id as username and client secret as password

Header - Content - Type application/json

Sample body: -

```
{  
  "send_to_invoicer": true  
}
```

6 - Create Product

Method - POST

EndPoint -

<https://api.sandbox.paypal.com/v1/catalogs/products>

Authorization - Type Basic Auth

Provide your Client Id as username and client secret as password

Header - Content - Type application/json

Sample body: -

```
{  
  "name": "Video Streaming Service",  
  "description": "Video streaming service",  
  "type": "SERVICE",  
  "category": "SOFTWARE",  
  "image_url": "https://example.com/streaming.jpg",  
  "home_url": "https://example.com/home"  
}
```

7 - Create Product Plan

Copy the Id from the previous step that you got

Method - POST

EndPoint - <https://api.sandbox.paypal.com/v1/billing/plans>

Authorization - Type Basic Auth

Provide your Client Id as username and client secret as password

Header - Content - Type application/json

Sample body: -

```
{
  "product_id": "PROD-66933107UW000573M",
  "name": "Basic Plan",
  "description": "Basic plan",
  "billing_cycles": [
    {
      "frequency": {
        "interval_unit": "MONTH",
        "interval_count": 1
      },
      "tenure_type": "TRIAL",
      "sequence": 1,
      "total_cycles": 1
    },
    {
      "frequency": {
        "interval_unit": "MONTH",
        "interval_count": 1
      },
      "tenure_type": "REGULAR",
      "sequence": 2,
      "total_cycles": 12,
      "pricing_scheme": {
        "fixed_price": {
          "value": "10",
          "currency_code": "USD"
        }
      }
    }
  ],
  "payment_preferences": {
    "auto_bill_outstanding": true,
    "setup_fee": {
      "value": "10",
      "currency_code": "USD"
    },
    "setup_fee_failure_action": "CONTINUE",
    "payment_failure_threshold": 3
  },
  "taxes": {
    "percentage": "10",
    "inclusive": false
  }
}
```

```
}  
}
```

7 - Create Product Subscription

Copy the Id from the previous step that you got

Method - POST

EndPoint -

<https://api.sandbox.paypal.com/v1/billing/subscriptions>

Authorization - Type Basic Auth

Provide your Client Id as username and client secret as password

Header - Content - Type application/json

Sample body: -

```
{  
  "plan_id": "P-75C0772425340924DLUU7G4Q",  
  "start_time": "2019-07-14T11:19:28Z",  
  "subscriber": {  
    "name": {  
      "given_name": "AMIT",  
      "surname": "SINGH"  
    },  
    "email_address": "amitasinghsfdc@gmail.com",  
    "shipping_address": {  
      "name": {  
        "full_name": "John Doe"  
      },  
      "address": {  
        "address_line_1": "2211 N First Street",  
        "address_line_2": "Building 17",  
        "admin_area_2": "San Jose",  
        "admin_area_1": "CA",  
        "postal_code": "95131",  
        "country_code": "US"  
      }  
    }  
  },  
  "auto_renewal": true,  
  "application_context": {  
    "brand_name": "Walmart Inc",
```

```

    "locale": "en-US",
    "shipping_preference": "SET_PROVIDED_ADDRESS",
    "user_action": "SUBSCRIBE_NOW",
    "payment_method": {
      "payer_selected": "PAYPAL",
      "payee_preferred": "IMMEDIATE_PAYMENT_REQUIRED"
    },
    "return_url":
    "https://dreamhouse-a-dev-ed--c.ap5.visual.force.com/apex/CompleteSubscription?id=01t7F0000077oLbQAI",
    "cancel_url":
    "https://dreamhouse-a-dev-ed--c.ap5.visual.force.com/apex/CancelSubscription?id=01t7F0000077oLbQAI"
  }
}

```

Here are some document Link for reference purpose

<https://www.sandbox.paypal.com/bizsignup/#/checkAccount>

<https://developer.paypal.com/docs/api/get-an-access-token-postman/>

<https://developer.paypal.com/docs/api/overview/#make-rest-api-calls>

https://developer.paypal.com/docs/api/payments/v1/#definition-credit_card

<https://developer.paypal.com/docs/api/subscriptions/v1/#definition-frequency>