

API Documentation

Airlines



Version 1.2

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Change Log

- **June 30, 2015. Version 1.4, Raymond**
 - ✓ Update GetSeatAvailability and AssignSeat
- **Jun 06, 2015. Version 1.3, Erik Agus S**
 - ✓ Additions to service CaptchaCommit
 - ✓ Update error code
- **Apr 08, 2015. Version 1.2, Erik Agus S**
 - ✓ Additions to the introduction : GetSSRAvailibility
- **Feb 26, 2015. Version 1.1, Erik Agus S**
 - ✓ Additions to the introduction : List of Product
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 - ✓ API Documentation created

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Introduction

1. Sebelum mencoba *web service* ini, pastikan anda telah meregisterkan IP *address* dan telah menerima *auth_id*.
2. URL *web service* selama masa *development* adalah :
http://torsapi.app.piposystem.com/api/airlines/<service_name>
3. Data Response yang dihasilkan oleh *web service* berupa format **Json**.
4. Data type *Date* mempunyai format yyyy-mm-dd. Contoh : 2015-05-15
5. Data Request yang dikirimkan berupa data **POST** dengan format **Array**.
Note: example request dibawah merupakan format json.
6. Parameter-parameter yang ada bersifat *case sensitive*.
7. List of Product

No	Product Code	Product Name
1.	AR	Airasia
2.	CK	Citilink
3.	EA	Express
4.	GS	Garuda Gos
5.	KT	Kalstar
6.	LI	Lion
7.	TG	Trigana
8.	TS	Transnusa
9.	SJ	Sriwijaya
10.	VF	Jetstar

1. Login

1.1. Description

Service login ini digunakan untuk mengirimkan *auth_id*, dimana *auth_id* akan menghasilkan *session_id*. *Session_id* yang telah didapatkan akan digunakan pada *service* selanjutnya. Dalam 1 proses *booking / issued* diharuskan menggunakan *session_id* yang sama.

Service_name : Login

1.2. Request

Field	Data Type	Required	Description
product_code	String	Y	
auth_id	String	Y	

1.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	id <i>authentication</i> yang digunakan untuk proses-proses selanjutnya

1.4. Example

Request :

```
{
  "product_code": "VF",
  "auth_id": "9f14a652b75ebbab352bg1h2g3g4vhg32"
}
```

Response:

```
{
  "err_code": 0,
  "session_id": "AIVF2015021014372654d9b53681f5c"
}
```

2. CaptchaCommit

2.1. Description

Service CaptchaCommit ini digunakan untuk melakukan submit captcha pada **maskapai yang menggunakan captcha**.

Maskapai yang menggunakan captcha dapat dideteksi dengan melihat response Login. Jika response dari service dari Login mengembalikan "captcha_image", maka untuk mengirimkan captcha menggunakan CaptchaCommit.

Service name : CaptchaCommit

2.2. Request

Field	Data Type	Required	Description
Session_id	String	Y	
product_code	String	Y	
captcha	String	Y	

2.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	
err_message	String	Optional
data	Array	

2.4. Example

Request :

```
"session_id": "AILI201503162012155506d6are41h2",  
"product_code": "LI",  
"captcha": "920413"
```

Response:

```
{  
  "err_code": "0",  
  "session_id": "AILI201503162012155506d6are41h2",  
  "data": [  
    ]  
}
```


3. GetAvailability

3.1. Description

Service GetAvailability digunakan untuk mendapatkan ketersediaan jadwal penerbangan dan tarif penerbangan. dalam *GetAvailability* terdapat 4 komponen, yaitu :

a. Flight

Flight disini menandakan dimana terdapat adanya rute keberangkatan dan rute kedatangan dalam setiap penerbangan.

b. Journeys

Dalam satu *journeys* bisa terdiri dari satu *segment* apabila tidak terdapat *connecting flight* atau bisa terdiri dari banyak *segment* apabila terdapat *connecting flight*.

c. Segment

Segment adalah *element* yang terdapat dalam *journeys* yang bisa terdiri dari satu *element segment* atau banyak *element segment*.

d. Fare

Fare adalah detail harga atau detail *class* yang terdapat dalam *journeys* atau *segment*.

Service_name : *GetAvailability*

3.2. Request

Field	Data Type	Required	Description
Session_id	String	Y	
product_code	String	Y	
origin	String	Y	rute asal.
destination	String	Y	rutetujuan.
departure_date	Date	Y	tanggal keberangkatan
arrival_date	Date	Y	tanggal kedatangan. Jika OW, arrival_date akan diabaikan.
flight_type	String	Y	jenis penerbangan. Possible value: OW (OneWay) atau RT (RoundTrip).
adult	String	Y	penumpang yang berusia 12 tahun ke atas
child	String	Y	penumpang yang berusia 2 tahun – 11 tahun
infant	String	Y	penumpang bayi yang berusia maximal 23 bulan

3.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	
data	Array	
*have_ssr	String	indikatorssr (<i>special service request</i>). Bernilai 1 jika mempunyai ssr, bernilai 0 jika sebaliknya
*have_available_seat	String	untuk mengidentifikasi <i>seat available</i>
*have_seat	String	untuk mengidentifikasi <i>seat</i>
*have_detail	String	untuk mengidentifikasi “field service_charges”
*have_fare	String	untuk mengidentifikasi “field fares”
*have_amount	String	indikator bahwa dalam jadwal penerbangan terdapat harga penumpang.
*allow_different_class	String	untuk mengidentifikasi pemilihan jadwal dengan kelas yang berbeda. <i>Possible value 1/0</i>
*flights	Array 2D	
**journeys	Array2D	
***journey_id	String	Key dari field “journeys”.
***origin	String	
***origin_city	String	
***destination	String	
***destination_city	String	
***departure_time	String	
***arrival_time	String	
***have_fare	String	
***have_amount	String	
***segments	Array 2D	
****segment_id	String	Key dari field “segments”.
****origin	String	
****origin_city	String	
****destination	String	
****destination_city	String	
****international	String	
****carrier_code	String	
****class_of_service	String	
****flight_number	String	
****departure_time	String	
****arrival_time	String	
****currency_code	String	
****have_fare	String	
****have_amount	String	

****fares	Array2D	
*****fare_id	String	Key dari field “fares”.
*****class_of_service	String	
*****class_code	String	
*****available_seat	String	
*****adult_price	String	
*****child_price	String	
*****infant_price	String	
*****have_detail	String	
*****service_charges	Array 2D	
*****pax_fares	Array 2D	
*****pax_type	String	
*****service_charges	Array 2D	
*****charge_category	String	
*****charge_code	String	
*****charge_name	String	
*****collect_type	String	
*****amount	String	
*****service_charges	Array 2D	
*****charge_category	String	
*****charge_code	String	
*****charge_name	String	
*****collect_type	String	
***** amount	String	
****pax_fares	Array 2D	
****pax_type	String	
****service_charges	Array 2D	
***** charge_category	String	
***** charge_code	String	
***** charge_name	String	
***** collect_type	String	
*****amount	String	
****service_charges	Array 2D	
***** charge_category	String	
***** charge_code	String	
***** charge_name	String	
***** collect_type	String	
***** amount	String	
****legs	Array 2D	
****origin	String	
****origin_city	String	
****destination	String	
****destination_city	String	
****departure_time	String	
****arrival_time	String	

***fares	Array 2D	
****fare_id	String	
****class_of_service	String	
****class_code	String	
****available_seat	String	
****adult_price	String	
****child_price	String	
****infant_price	String	
****have_detail	String	
****pax_fares	Array 2D	
****pax_type	String	
*****service_charges	Array 2D	
*****charge_category	String	
*****charge_code	String	
*****charge_name	String	
*****collect_type	String	
*****amount	String	
**** service_charges	Array 2D	
***** charge_category	String	
***** charge_code	String	
***** charge_name	String	
***** collect_type	String	
***** amount	String	
*** service_charges	Array 2D	
**** charge_category	String	
**** charge_code	String	
**** charge_name	String	
**** collect_type	String	
**** amount	String	

3.4. Example

Request :

```
"session_id": "AIVF2015021108294554dab0890f55f",
"product_code": "VF",
"flight_type": "OW",
"origin": "SUB",
"destination": "SIN",
"departure_date": "2015-02-25",
"arrival_date": "2015-02-28",
"adult": "1",
"child": "0",
"infant": "0"
```

Response :

```

{
  "err_code": 0,
  "session_id": "AIVF2015021108294554dab0890f55f",
  "data": {
    "have_ssr": "1",
    "have_seat": "0",
    "have_amount": "1",
    "have_detail": "0",
    "have_available_seat": "1",
    "allow_different_class": "0",
    "flights": [
      {
        "journeys": [
          {
            "journey_id": "3K~ 248~ ~~SUB~02~/25~/2015 13:50~SIN~02~/25~/2015 17:15~",
            "origin": "SUB",
            "origin_city": "",
            "destination": "SIN",
            "destination_city": "",
            "departure_time": "2015-02-25 13:50:00",
            "arrival_time": "2015-02-25 17:15:00",
            "have_fare": "0",
            "have_amount": "0",
            "segments": [
              {
                "segment_id": "3K~ 248~ ~~SUB~02~/25~/2015 13:50~SIN~02~/25~/2015 17:15~",
                "origin": "SUB",
                "origin_city": "",
                "destination": "SIN",
                "destination_city": "",
                "international": "1",
                "carrier_code": "3K",
                "flight_number": " 248",
                "departure_time": "2015-02-25 13:50:00",
                "arrival_time": "2015-02-25 17:15:00",
                "currency_code": "IDR",
                "have_fare": "1",
                "have_amount": "1",
                "fares": [
                  {
                    "fare_id": "0~W1~~WLECOW1~6200~~1~X",
                    "class_of_service": "W1",
                    "class_code": "J00000",
                    "available_seat": "25",
                    "adult_price": 529900,
                    "child_price": 0,
                    "infant_price": 0,
                    "have_detail": "0",
                    "service_charges": [
                      ]
                    },
                  {
                    "fare_id": "0~LP~~LLECOLP~6201~~17~X",
                    "class_of_service": "LP",
                    "class_code": "J00001",
                    "available_seat": "25",

```

```

"adult_price": 699900,
"child_price": 0,
"infant_price": 0,
"have_detail": "0",
"service_charges": [

],

},
{
"fare_id": "0~RY~~RHECORY~6202~~2~X",
"class_of_service": "RY",
"class_code": "J00002",
"available_seat": "105",
"adult_price": 1449900,
"child_price": 0,
"infant_price": 0,
"have_detail": "0",
"service_charges": [

]

}

],

},

],

},

],

},

}

}

```

4. GetItineraryPrice

4.1. Description

GetItineraryPrice merupakan service untuk mendapatkan *detail* harga dari perjalanan dalam suatu penerbangan.

Service_name : *GetItineraryPrice*

4.2. Request

Field	Data Type	Required	Description
session_id	String	Y	

product_code	String	Y	
journeys	Array	Y	
*journeys_id	String	Y	Nilai field ini diperoleh pada service “GetAvailability”
*fare_id	String	Y	Nilai field ini diperoleh pada service “GetAvailability”
*class_code	String	Y	Nilai field ini diperoleh pada service “GetAvailability”
international	String	Y	

4.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	
data	Array	
*have_fare	String	
*have_amount	String	
*flights	Array 2D	
**journeys	Array 2D	
***origin	String	
***origin_city	String	
***destination	String	
***destination_city	String	
***departure_time	String	
***arrival_time	String	
***have_fare	String	
***have_amount	String	
***segments	Array 2D	
****origin	String	
****origin_city	String	
****destination	String	
****destination_city	String	
****international	String	
****carrier_code	String	
****flight_number	String	
****departure_time	String	
****arrival_time	String	
****currency_code	String	
****have_fare	String	
****have_amount	String	
****pax_fares	Array 2D	
*****pax_type	String	

*****service_charges	Array 2D	
*****charge_code	String	
*****charge_name	String	
*****charge_category	String	
*****collect_type	String	Possibe value seller_chargeable, external_chargeable
*****amount	String	
****service_charges	Array 2D	
*****charge_category	String	
*****charge_code	String	
*****charge_name	String	
***** collect_type	String	Possibe value: seller_chargeable / external_chargeable
*****amount	String	
***pax_fares	Array 2D	
****pax_type	String	
****service_charges	Array 2D	
*****charge_category	String	
*****charge_name	String	
*****charge_code	String	
*****collect_type	String	Possibe value: seller_chargeable / external_chargeable
*****amount	String	
*** service_charges	Array 2D	
**** charge_category	String	
**** charge_name	String	
**** charge_code	String	
**** collect_type	String	Possible value: seller_chargeable, external_chargeable
**** amount	String	
***fares	Array	

4.4. Example

Request :

```

"session_id": "AIVF2015021108294554dab0890f55f",
"product_code": "VF",
"journeys": [
  {
    "journey_id": "3K~248~~~SUB~02\25\201513:50~SIN~02\25\201517:15~",
    "fare_id": "0~W1~~WLECOW1~6200~~1~X",
    "class_code": "J00000"
  }
],
"international": "0"

```


Response :

```
{
  "err_code": 0,
  "session_id": "AIVF2015021108294554dab0890f55f",
  "data": {
    "flights": [
      {
        "journeys": [
          {
            "origin": "SUB",
            "origin_city": "",
            "destination": "SIN",
            "destination_city": "",
            "departure_time": "2015-02-25 13:50:00",
            "arrival_time": "2015-02-25 17:15:00",
            "have_fare": "0",
            "have_amount": "0",
            "segments": [
              {
                "origin": "SUB",
                "origin_city": "",
                "destination": "SIN",
                "destination_city": "",
                "carrier_code": null,
                "flight_number": null,
                "departure_time": "2015-02-25 13:50:00",
                "arrival_time": "2015-02-25 17:15:00",
                "currency_code": "IDR",
                "have_fare": "1",
                "have_amount": "1",
                "pax_fares": [
                  {
                    "pax_type": "ADT",
                    "service_charges": [
                      {
                        "collect_type": "seller_chargeable",
                        "charge_code": "fare_price",
                        "charge_category": "fare_price",
                        "charge_name": "Fare Price",
                        "amount": 529900
                      },
                      {
                        "collect_type": "seller_chargeable",
                        "charge_code": "travel_fee",
                        "charge_category": "travel_fee",
                        "charge_name": "Travel Fee",
                        "amount": -50000
                      },
                      {
                        "collect_type": "external_chargeable",
                        "charge_code": "TAD",
                        "charge_category": "travel_fee",
                        "charge_name": "SUB-SIN",
                        "amount": -50000
                      }
                    ]
                  }
                ]
              }
            ]
          }
        ]
      }
    ]
  }
}
```

```

    ],
    "service_charges": [
    ],
    "fares": [
    ]
  }
}

```

5. GetSSRAvailability

5.1. Description

Untuk mendapatkan detail dari *special service request*, *service* ini bersifat optional.

Service_name : GetSSRAvailability

5.2. Request

Field	Data Type	Required	Description
session_id	String	Y	
product_code		Y	
journeys	Array	Y	
*journey_id		Y	
*fare_id		Y	
*class_code		Y	

5.3. Response

Field	Data Type	Description
err_code		
session_id		
data	Array	

*ssr_segment_id		
*carrier_code		
*flight_number		
*departure_date		
*origin		
*destination		
*available_pax_ssr_list	Array 2D	
**ssr_code		
**ssr_name		
**ssr_type		
**inventory_controlled		
**non_inventory_controlled		
**available		
**total		
**service_charge	Array 2D	
***charge_type		
***collect_type		Possible value: seller_chargeable, external_chargeable
***charge_code		
***currency_code		
***amount		
***charge_detail		

5.4. Example

Request :

```
"session_id": "AIVF201504071629565523a394644b4",
"product_code": "VF",
"journeys": [
  {
    "journey_id": "3K~ 248~ ~~SUB~04~/10~/2015 13:15~SIN~04~/10~/2015
16:30~",
    "fare_id": "0~K~~KLECOK~6200~~17~X",
    "class_code": "J00000"
  }
]
```

Response :

```
{
  "err_code": "0",
  "session_id": "AIVF201504071629565523a394644b4",
  "data": [
    {
      "ssr_segment_id": "3K~ 248~~~SUB~2015-04-10T13:15:00~SIN",

```

```

"carrier_code": "3K",
"flight_number": " 248",
"departure_date": "2015-04-10 13:15:00",
"origin": "SUB",
"destination": "SIN",
"available_pax_ssr_list": [
  {
    "ssr_code": "VGML",
    "ssr_name": "Vegetarian",
    "ssr_type": "meal",
    "inventory_controlled": "true",
    "non_inventory_controlled": "false",
    "available": "179",
    "total": 162000,
    "service_charge": [
      {
        "charge_type": "ServiceCharge",
        "collect_type": "SellerChargeable",
        "charge_code": "MF",
        "currency_code": "IDR",
        "amount": "162000.000",
        "charge_detail": "Meal Fee"
      }
    ]
  },
  {
    "ssr_code": "SPML",
    "ssr_name": "Standard",
    "ssr_type": "meal",
    "inventory_controlled": "true",
    "non_inventory_controlled": "false",
    "available": "179",
    "total": 162000,
    "service_charge": [
      {
        "charge_type": "ServiceCharge",
        "collect_type": "SellerChargeable",
        "charge_code": "MF",
        "currency_code": "IDR",
        "amount": "162000.000",
        "charge_detail": "Meal Fee"
      }
    ]
  },
  {
    "ssr_code": "BG40",
    "ssr_name": "Baggage 40KG",
    "ssr_type": "baggage",
    "inventory_controlled": "false",
    "non_inventory_controlled": "true",
    "available": "0",
    "total": 520000,
    "service_charge": [
      {
        "charge_type": "ServiceCharge",
        "collect_type": "SellerChargeable",
        "charge_code": "BG40",

```

```

"currency_code": "IDR",
"amount": "520000.000",
"charge_detail": "Baggage 40"
    }
    ],
    },
    {
"ssr_code": "BG35",
"ssr_name": "Baggage 35KG",
"ssr_type": "baggage",
"inventory_controlled": "false",
"non_inventory_controlled": "true",
"available": "0",
"total": 440000,
"service_charge": [
    {
"charge_type": "ServiceCharge",
"collect_type": "SellerChargeable",
"charge_code": "BG35",
"currency_code": "IDR",
"amount": "440000.000",
"charge_detail": "Baggage 35"
    }
    ],
    },
    {
"ssr_code": "BG30",
"ssr_name": "Baggage 30KG",
"ssr_type": "baggage",
"inventory_controlled": "false",
"non_inventory_controlled": "true",
"available": "0",
"total": 360000,
"service_charge": [
    {
"charge_type": "ServiceCharge",
"collect_type": "SellerChargeable",
"charge_code": "BG30",
"currency_code": "IDR",
"amount": "360000.000",
"charge_detail": "Baggage 30"
    }
    ],
    },
    {
"ssr_code": "BG25",
"ssr_name": "Baggage 25KG",
"ssr_type": "baggage",
"inventory_controlled": "false",
"non_inventory_controlled": "true",
"available": "0",
"total": 280000,
"service_charge": [
    {
"charge_type": "ServiceCharge",
"collect_type": "SellerChargeable",
"charge_code": "BG25",

```

```

"currency_code": "IDR",
"amount": "280000.000",
"charge_detail": "Baggage 25"
    }
    ],
    },
    {
"ssr_code": "BG20",
"ssr_name": "Baggage 20KG",
"ssr_type": "baggage",
"inventory_controlled": "false",
"non_inventory_controlled": "true",
"available": "0",
"total": 155000,
"service_charge": [
    {
"charge_type": "ServiceCharge",
"collect_type": "SellerChargeable",
"charge_code": "BG20",
"currency_code": "IDR",
"amount": "155000.000",
"charge_detail": "Baggage 20"
    }
    ],
    },
    {
"ssr_code": "BG15",
"ssr_name": "Baggage 15KG",
"ssr_type": "baggage",
"inventory_controlled": "false",
"non_inventory_controlled": "true",
"available": "0",
"total": 145000,
"service_charge": [
    {
"charge_type": "ServiceCharge",
"collect_type": "SellerChargeable",
"charge_code": "BG15",
"currency_code": "IDR",
"amount": "145000.000",
"charge_detail": "Baggage 15"
    }
    ],
    },
    {
"ssr_code": "BG10",
"ssr_name": "Baggage 10KG",
"ssr_type": "baggage",
"inventory_controlled": "false",
"non_inventory_controlled": "true",
"available": "0",
"total": 112405,
"service_charge": [
    {
"charge_type": "ServiceCharge",
"collect_type": "SellerChargeable",
"charge_code": "BG10",

```

```

"currency_code": "IDR",
"amount": "112405.00000",
"charge_detail": "Baggage 10"
    }
    ],
    },
    {
"ssr_code": "BG05",
"ssr_name": "Baggage 5 KG",
"ssr_type": "baggage",
"inventory_controlled": "false",
"non_inventory_controlled": "true",
"available": "0",
"total": 70000,
"service_charge": [
    {
"charge_type": "ServiceCharge",
"collect_type": "SellerChargeable",
"charge_code": "BG05",
"currency_code": "IDR",
"amount": "70000.000",
"charge_detail": "Baggage 5K"
    }
    ],
    },
    {
"ssr_code": "NONE",
"ssr_name": "No Baggage",
"ssr_type": "baggage",
"inventory_controlled": false,
"non_inventory_controlled": false,
"available": 1,
"total_amount": 0,
"service_charge": [
    ]
    },
    {
"ssr_code": "NONE",
"ssr_name": "No Meal",
"ssr_type": "meal",
"inventory_controlled": false,
"non_inventory_controlled": false,
"available": 1,
"total_amount": 0,
"service_charge": [
    ]
    }
    ]
}

```

6. Sell

6.1. Description

Service Sell merupakan service dimana suatu jadwal yang telah dipilih dan ditetapkan. Service ini hanya dapat dilakukan sekali untuk 1 session_id.

Service_name : Sell

6.2. Request

Field	Data Type	Required	Description
session_id	String	Y	
product_code	String	Y	
origin	String	Y	
destination	String	Y	
departure_date	Date	Y	
arrival_date	Date	Y	Optional
flight_type	String	Y	
adult	String	Y	
child	String	Y	
infant	String	Y	
international	String	Y	
using_form	String	Y	indikator client jika membutuhkan form reservasi dari server. Possible value : 1 atau 0.
journeys	Array	Y	
*journeys_id	String	Y	
*fare_id	String	Y	
*class_code		Y	

6.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	
data	Array	
*total	String	
*form	String	Form reservasi dari server.

**contact	String	
***first_name	String	
****type	String	
****label	String	
****required	String	
***last_name	String	
****type	String	
****label	String	
****required	String	
***title	String	
****type	String	
****label	String	
****required	String	
****list	String	Possible value : MS, MR
****default	String	
***email	String	
****type	String	
****label	String	
****required	String	
***home_phone	String	
****type	String	
****label	String	
****required	String	
***other_phone	String	
****type	String	
****label	String	
****required	String	
***address	String	
****type	String	
****label	String	
****required	String	
***country	String	
****type	String	
****label	String	
****required	String	
***province	String	
****type	String	
****label	String	
****required	String	
***city	String	
****type	String	
****label	String	
****required	String	
**passengers	String	
***adult	String	

****gender	String	
*****label	String	
*****type	String	
*****list	String	Possible value: Male / Female.
*****required	String	
****title	String	
*****label	String	
*****type	String	
*****required	String	
*****list	String	Possible value: Miss, Mrs, Ms, Mr, Capt, Dr, Prof, Rev dsb *Note: sesuai dengan masing-masing maskapai penerbangan.
*****default	String	
****first_name	String	
*****type	String	
*****label	String	
*****required	String	
****last_name	String	
*****type	String	
*****label	String	
*****required	String	
****birthdate	String	
*****type	String	
*****label	String	
*****required	String	
****qaff	String	
*****type	String	
*****label	String	
*****required	String	
***child	String	
****gender	String	
*****label	String	
*****type	String	
*****list	String	Possible value: Male / Female.
*****required	String	
****title	String	
*****label	String	
*****type	String	
*****required	String	
*****list	String	Possible value: Miss, Mrs, Ms, Mr, Capt, Dr, Prof, Rev dsb *Note: sesuai dengan masing-masing maskapai penerbangan.
*****default	String	

****first_name	String	
*****type	String	
*****label	String	
*****required	String	
****last_name	String	
*****type	String	
*****label	String	
*****required	String	
****birthdate	String	
*****type	String	
*****label	String	
*****required	String	
****qaff	String	
*****type	String	
*****label	String	
*****required	String	
***infant	String	
****gender	String	
*****label	String	
*****type	String	
*****list	String	Possible value: Male / Female.
*****required	String	
****title	String	
*****label	String	
*****type	String	
*****required	String	
*****list	String	Possible value: Miss, Mrs, Ms, Mr, Capt, Dr, Prof, Rev dsb *Note: sesuai dengan masing-masing maskapai penerbangan.
*****default	String	
****first_name	String	
*****type	String	
*****label	String	
*****required	String	
****last_name	String	
*****type	String	
*****label	String	
*****required	String	
****birthdate	String	
*****type	String	
*****label	String	
*****required	String	
****qaff	String	
*****type	String	

*****label	String	
*****required	String	
****passenger_reference	String	
****label	String	
*****type	String	
*****list	Array 2D	Possible value : 0,1,2,3,4,5, dst
*****required	String	
*****default		

6.4. Example

Request :

```
"session_id": "AIVF2015021108294554dab0890f55f",
"product_code": "VF",
"journeys": [
  {
    "journey_id": "3K~ 248~ ~~SUB~02~/25~/2015 13:50~SIN~02~/25~/2015
17:15~",
    "fare_id": "0~W1~~WLECOW1~6200~~1~X",
    "class_code": "J00000"
  }
],
"international": "0",
"flight_type": "OW",
"origin": "SUB",
"destination": "SIN",
"departure_date": "2015-02-25",
"arrival_date": "2015-02-28",
"adult": "1",
"child": "0",
"infant": "0",
"using_form": "1"
```

Response :

```
{
  "err_code": 0,
  "session_id": "AIVF2015021108294554dab0890f55f",
  "data": {
    "total": "479900.0000",
    "form": {
      "contact": {
        "first_name": {
          "type": "text",
          "label": "First Name",
          "required": "1"
        },
        "last_name": {
          "type": "text",

```

```
"label": "Last Name",
"required": "1"
    },
    "title": {
        "label": "Title",
        "type": "select",
        "required": "1",
        "list": {
            "MS": "Ms",
            "MR": "Mr"
        }
    },
    "default": "MS"
    },
    "email": {
        "type": "text",
        "label": "Email",
        "required": "1"
    },
    "home_phone": {
        "type": "phone",
        "label": "Home Phone",
        "required": "1"
    },
    "other_phone": {
        "type": "phone",
        "label": "Other Phone",
        "required": "1"
    },
    "address": {
        "type": "text",
        "label": "Address",
        "required": "1"
    },
    "country": {
        "type": "country",
        "label": "Country",
        "required": "1"
    },
    "province": {
        "type": "province",
        "label": "Province",
        "required": "1"
    },
    "city": {
        "type": "city",
        "label": "City",
        "required": "1"
    }
    },
    "passengers": {
        "adult": {
            "gender": {
                "label": "Gender",
                "type": "select",
                "list": {
                    "Male": "Male",
                    "Female": "Female"
```

```

        },
        "required": "1"
    },
    "title": {
        "label": "Title",
        "type": "select",
        "required": "1",
        "list": {
            "MISS": "Miss",
            "MRS": "Mrs",
            "MS": "Ms",
            "MR": "Mr",
            "CAPT": "Captain",
            "DR": "Doctor",
            "PROF": "Professor",
            "REV": "Reverend"
        },
        "default": "MS"
    },
    "first_name": {
        "type": "text",
        "label": "First Name",
        "required": "1"
    },
    "last_name": {
        "type": "text",
        "label": "Last Name",
        "required": "1"
    },
    "birthdate": {
        "type": "date",
        "label": "Birthdate",
        "required": "1"
    },
    "qaff": {
        "type": "text",
        "label": "Qantas Frequent Flyer Number",
        "required": "0"
    }
}

```

7. UpdatePassengers

7.1. Description

Service update passenger digunakan untuk mengirimkan data contact, data *passenger* dan untuk mengirimkan data *ssr* (jika diperlukan). Field request untuk service ini, berbeda-beda tiap maskapai penerbangan. Request dibawah merupakan salah satu contoh dari salah satu maskapai

penerbangan. Untuk mendapatkan format request UpdatePassengers dengan lengkap untuk masing-masing maskapai dapat mengaktifkan form pada service "Sell" dengan cara melakukan request "using_form" = "1" pada saat memanggil service "Sell".

Service_name : UpdatePassengers

7.2. Request

Field	Data Type	Required	Description
session_id		Y	
product_code		Y	
contact	String	Y	
*firstname	String	Y	
*last_name	String	Y	
*country	String	Y	
*province	String	Y	
*city	String	Y	
*address	String	Y	
*email	String	Y	
*tittle	String	Y	
*home_phone	String	Y	
*other_phone	String	Y	
passengers	Array	Y	
*first_name	String	Y	
*last_name	String	Y	
*pax_type	String	Y	
*passenger_number	String	Y	
*birthdate	String	Y	
* tittle	String	Y	
* gender	String	Y	
*qaff	String	N	Optional. Hanya ada pada jetstar.
*passenger_reference	String	Y	Optional. Jika tanpa bayi.
ssr_segments	Array 2D	Y/N	Optional. Jika tanpa ssr.
* segment_id	String	Y/N	
* ssr	Array 2D	Y/N	
** ssr_code	String	Y/N	
** passenger_number	String	Y/N	

7.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	
data	Array	
*total	String	

7.4. Example

Request :

```

"session_id": "AIVF2015021108294554dab0890f55f",
"product_code": "VF",
"contact": {
  "first_name": "Rudy",
  "last_name": "Wijaya",
  "title": "MR",
  "email": "rudy@gmail.com",
  "home_phone": "031562000",
  "other_phone": "031562000",
  "address": "abcd",
  "country": "ID",
  "province": "BLI",
  "city": "DPS"
},
"passengers": [
  {
    "gender": "Male",
    "title": "MR",
    "first_name": "Rudy",
    "last_name": "Wijaya",
    "birthdate": "24-03-1986",
    "qaff": "abcd",
    "passenger_number": "0",
    "pax_type": "ADT"
  }
]

```

Response :

```

{
  "err_code": 0,
  "session_id": "AIVF2015021108294554dab0890f55f",
  "data": [

  ]
}

```

8. GetSeatAvailability

8.1. Description

Service GetSeatAvailability ini digunakan untuk mendapatkan susunan kursi pada pesawat untuk per penerbangan / per segment.

Service_name : GetSeatAvailability

8.2. Request

Field	Data Type	Required	Description
session_id	String	Y	
product_code	String	Y	
journeys	Array2D	Y	
*journey_id	String	Y	
*fare_id	String	Y	
*class_code	String	Y	
segment_id	String	Y	

8.3. Response

Field	Data Type	Description
err_code	String	
Session_id	String	
Data	Array	
*destination	String	
*origin	String	
*arrival_date	String	
*departure_date	String	
*available_units	String	
*equipment_category	String	
*name	String	
*carrier_code	String	
*flight_number	String	
*compartments	Array2D	
**compartment_designator	String	
**length	String	
**width	String	
**available_units	String	
**seats	Array2D	
***seat_number	String	
***assignable	String	

***seat_availability	String	
***seat_available_units	String	
***travel_class_code	String	
***seat_type	String	
***x	String	
***y	String	
***height	String	
***width	String	
***seat_group	String	
*seat_groups	Array2D	
**seat_group	String	
**passenger_number	String	
**flight_reference	String	
**departure_date	String	
**carrier_code	String	
**flight_number	String	
**origin	String	
**destination	String	
**total_amount	String	
**service_charges	Array2D	
***charge_type	String	
***collect_type	String	
***charge_code	String	

8.4. Example

Request :

```
"session_id": "AIVF201506300835395591f26bbb160",
"product_code": "VF",
"journeys": [
  {
    "journey_id": "3K~ 248~ ~~SUB~07~/10~/2015 13:15~SIN~07~/10~/2015 16:30~",
    "fare_id": "0~O~~OLECOO~6200~~17~X",
    "class_code": "J00000"
  }
],
"segment_id": "3K~ 248~~~SUB~2015-07-10T13:15:00~SIN"
```

Response:

```
{
  "err_code": "0",
  "session_id": "AIVF201506300835395591f26bbb160",
  "data": {
    "destination": "SIN",
```

```

"origin": "SUB",
"arrival_date": "2015-07-10 16:30:00",
"departure_date": "2015-07-10 13:15:00",
"available_units": "173",
"equipment_category": "JetAircraft",
"name": "A320 (3K 180 seats)",
"carrier_code": "3K",
"flight_number": " 248",
"compartments": [
    {
"compartment_designator": "Y",
"length": "62",
"width": "16",
"available_units": "173",
"seats": [
        {
"seat_number": "$0",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "EX",
"x": "0",
"y": "1",
"height": "2",
"width": "1",
"seat_group": "0"
        },
        {
"seat_number": "$1",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "EX",
"x": "0",
"y": "23",
"height": "4",
"width": "1",
"seat_group": "0"
        },
        {
"seat_number": "$10",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "3",
"height": "2",
"width": "2",
"seat_group": "0"
        },
        {
"seat_number": "$11",
"assignable": "0",

```

```

"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "5",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$12",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "7",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$13",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "9",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$14",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "11",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$15",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",

```

```

"y": "13",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$16",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "15",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$17",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "17",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$18",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "19",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$19",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "21",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    },

```

```

        {
            "seat_number": "$2",
            "assignable": "0",
            "seat_availability": "unknown",
            "seat_available_units": "0",
            "travel_class_code": "",
            "seat_type": "EX",
            "x": "15",
            "y": "23",
            "height": "4",
            "width": "1",
            "seat_group": "0"
        },
        {
            "seat_number": "$20",
            "assignable": "0",
            "seat_availability": "unknown",
            "seat_available_units": "0",
            "travel_class_code": "",
            "seat_type": "LR",
            "x": "-2",
            "y": "23",
            "height": "2",
            "width": "2",
            "seat_group": "0"
        },
        {
            "seat_number": "$21",
            "assignable": "0",
            "seat_availability": "unknown",
            "seat_available_units": "0",
            "travel_class_code": "",
            "seat_type": "LR",
            "x": "-2",
            "y": "25",
            "height": "2",
            "width": "2",
            "seat_group": "0"
        },
        {
            "seat_number": "$22",
            "assignable": "0",
            "seat_availability": "unknown",
            "seat_available_units": "0",
            "travel_class_code": "",
            "seat_type": "LR",
            "x": "-2",
            "y": "27",
            "height": "2",
            "width": "2",
            "seat_group": "0"
        },
        {
            "seat_number": "$23",
            "assignable": "0",
            "seat_availability": "unknown",
            "seat_available_units": "0",

```

```

"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "29",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$24",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "31",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$25",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "33",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$26",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "35",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$27",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "37",
"height": "2",

```

```

"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$28",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "39",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$29",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "-2",
"y": "41",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$3",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
"x": "1",
"y": "-2",
"height": "2",
"width": "2",
"seat_group": "0"
    },
    {
"seat_number": "$30",
"assignable": "0",
"seat_availability": "unknown",
"seat_available_units": "0",
"travel_class_code": "",
"seat_type": "LR",
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"y": "1",
"height": "2",
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      "width": "2",
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      "y": "-2",
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      "width": "2",
      "seat_group": "0"
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      "height": "2",
      "width": "2",
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```

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            "seat_group": "1"
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```



```

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"y": "3",
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"width": "2",
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"y": "3",
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"width": "2",
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"width": "2",
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"height": "2",
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```

```

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```

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"y": "5",
"height": "2",
"width": "2",
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"assignable": "1",
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"seat_available_units": "0",
"travel_class_code": "Y",
"seat_type": "NS",
"x": "3",

```

```

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"width": "2",
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"width": "2",
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"y": "5",
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"width": "2",
"seat_group": "3"
    },
    }

```

```

        {
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            "width": "2",
            "seat_group": "3"
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            "seat_availability": "open",
            "seat_available_units": "0",
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            "seat_type": "NS",
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            "y": "7",
            "height": "2",
            "width": "2",
            "seat_group": "3"
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            "width": "2",
            "seat_group": "3"
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            "width": "2",
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            "seat_available_units": "0",

```

```

"travel_class_code": "Y",
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"y": "9",
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"width": "2",
"seat_group": "3"
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"y": "9",
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```

```

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      "width": "2",
      "seat_group": "3"
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      "height": "2",
      "width": "2",
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      "width": "2",
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    },
    {
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```

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"assignable": "1",
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"width": "2",
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"y": "11",
"height": "2",
"width": "2",
"seat_group": "1"
    },
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"assignable": "1",
"seat_availability": "open",
"seat_available_units": "0",
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"seat_type": "NS",
"x": "9",
"y": "11",
"height": "2",
"width": "2",
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"width": "2",
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"seat_type": "NS",

```



```

"x": "13",
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"seat_type": "NS",
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"y": "13",
"height": "2",
"width": "2",
"seat_group": "1"
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"seat_available_units": "0",
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"seat_type": "NS",
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"y": "13",
"height": "2",
"width": "2",
"seat_group": "1"
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"seat_availability": "open",
"seat_available_units": "0",
"travel_class_code": "Y",
"seat_type": "NS",
"x": "5",
"y": "13",
"height": "2",
"width": "2",
"seat_group": "1"
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"assignable": "1",
"seat_availability": "open",
"seat_available_units": "0",
"travel_class_code": "Y",
"seat_type": "NS",
"x": "9",
"y": "13",
"height": "2",
"width": "2",
"seat_group": "1"
    }

```

```

    },
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      "width": "2",
      "seat_group": "1"
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      "seat_type": "NS",
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      "y": "13",
      "height": "2",
      "width": "2",
      "seat_group": "1"
    },
    {
      "seat_number": "8A",
      "assignable": "1",
      "seat_availability": "open",
      "seat_available_units": "0",
      "travel_class_code": "Y",
      "seat_type": "NS",
      "x": "1",
      "y": "15",
      "height": "2",
      "width": "2",
      "seat_group": "1"
    },
    {
      "seat_number": "8B",
      "assignable": "1",
      "seat_availability": "open",
      "seat_available_units": "0",
      "travel_class_code": "Y",
      "seat_type": "NS",
      "x": "3",
      "y": "15",
      "height": "2",
      "width": "2",
      "seat_group": "1"
    },
    {
      "seat_number": "8C",
      "assignable": "1",
      "seat_availability": "open",

```

```

"seat_available_units": "0",
"travel_class_code": "Y",
"seat_type": "NS",
"x": "5",
"y": "15",
"height": "2",
"width": "2",
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"assignable": "1",
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"seat_available_units": "0",
"travel_class_code": "Y",
"seat_type": "NS",
"x": "9",
"y": "15",
"height": "2",
"width": "2",
"seat_group": "1"
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"seat_number": "8E",
"assignable": "1",
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"seat_available_units": "0",
"travel_class_code": "Y",
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"y": "15",
"height": "2",
"width": "2",
"seat_group": "1"
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"y": "15",
"height": "2",
"width": "2",
"seat_group": "1"
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"seat_number": "9A",
"assignable": "1",
"seat_availability": "open",
"seat_available_units": "0",
"travel_class_code": "Y",
"seat_type": "NS",
"x": "1",
"y": "17",

```

```

"height": "2",
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"y": "17",
"height": "2",
"width": "2",
"seat_group": "1"
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"y": "17",
"height": "2",
"width": "2",
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"y": "17",
"height": "2",
"width": "2",
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"seat_type": "NS",
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"y": "17",
"height": "2",
"width": "2",
"seat_group": "1"
    },
    {

```

```

"seat_number": "9F",
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"y": "17",
"height": "2",
"width": "2",
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  ]
},
"seat_groups": [
  {
    "seat_group": "1",
    "passenger_number": "0",
    "flight_reference": "20150710 3K 248 SUBSIN",
    "departure_date": "2015-07-10",
    "carrier_code": "3K",
    "flight_number": "248",
    "origin": "SUB",
    "destination": "SIN",
    "total_amount": 55000,
    "service_charges": [
      {
        "charge_type": "service_charge",
        "collect_type": "seller_chargeable",
        "charge_code": "STF",
        "currency_code": "IDR",
        "amount": "55000.000",
        "charge_detail": "SUB-SIN"
      }
    ]
  },
  {
    "seat_group": "2",
    "passenger_number": "0",
    "flight_reference": "20150710 3K 248 SUBSIN",
    "departure_date": "2015-07-10",
    "carrier_code": "3K",
    "flight_number": "248",
    "origin": "SUB",
    "destination": "SIN",
    "total_amount": 330000,
    "service_charges": [
      {
        "charge_type": "service_charge",
        "collect_type": "seller_chargeable",
        "charge_code": "STF",
        "currency_code": "IDR",
        "amount": "330000.000",
        "charge_detail": "SUB-SIN"
      }
    ]
  }
]

```

```

    },
    {
      "seat_group": "3",
      "passenger_number": "0",
      "flight_reference": "20150710 3K 248 SUBSIN",
      "departure_date": "2015-07-10",
      "carrier_code": "3K",
      "flight_number": "248",
      "origin": "SUB",
      "destination": "SIN",
      "total_amount": 143000,
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          "collect_type": "seller_chargeable",
          "charge_code": "STF",
          "currency_code": "IDR",
          "amount": "143000.000",
          "charge_detail": "SUB-SIN"
        }
      ]
    }
  ]
}

```

9. AssignSeat

9.1. Description

Service AssignSeat ini digunakan untuk memilih kursi yang diinginkan pada pesawat.

Service_name : AssignSeat

9.2. Request

Field	Data Type	Required	Description
session_id	String	Y	
product_code	String	Y	
segment_seats	Array2D	Y	
*segment_id	String	Y	
*passenger number	String	Y	
*seat number	String	Y	
*compartment_designator	String	Y	

9.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	
data	Array2D	

9.4. Example

Request :

```
"session_id": "AIVF201506300835395591f26bbb160",
"product_code": "VF",
"segment_seats": [
  {
    "segment_id": "3K~ 248~~~SUB~2015-07-10T13:15:00~SIN",
    "passenger_number": "0",
    "seat_number": "1B",
    "compartment_designator": "Y"
  }
]
```

Response:

```
{
  "err_code": "0",
  "session_id": "AIVF201506300835395591f26bbb160",
  "data": [
    ]
}
```

10. GetBookingFromState

10.1. Description

Service GetBookingFromState digunakan untuk mendapatkan data detail reservasi dari history session.

Service_name : GetBookingFromState

10.2. Request

Field	Data Type	Required	Description
session_id	String	Y	
product_code	String	Y	

10.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	
data	Array	
*transaction_date	String	Tanggal Transaksi.
*booking_date	String	Tanggal Booking.
*hold_date_time	String	Time Limit Issued.
*issued_date	String	Tanggal issued.
*transaction_code	String	No.Transaksi pada API.
*booking_code	String	Kode Booking.
*currency_code	String	
*currency_rate	String	
*basic_fare	String	
*basic_fare_exclude_infant	String	
*tax_total	String	
*discount_total	String	
*fee_total	String	
*ssr_total	String	
*insurance_total	String	
*total	String	
*commission	String	
*total_pax	String	
*total_adult	String	
*total_child	String	
*total_infant	String	
*status_transaction	String	
*origin	String	
*destination	String	
*departure_date	String	
*arrival_date	String	
*flight_type	String	
*contact	Array	
**first_name	String	
**surname	String	
**last_name	String	
**title	String	
**email	String	

**home_phone	String	
**other_phone	String	
**address	String	
**country	String	
**city	String	
**province	String	
*flights	Array 2D	
**flight_index	String	
**origin	String	
**destination	String	
**departure_time	String	
**arrival_time	String	
**carrier_code	String	
**carrier_name	String	
**flight_number	String	
**sub_class	String	
**class	String	
**segment_id	String	
**fare_id	String	
**seats	Array 2D	
***passenger_number	String	
***departure_station	String	
***arrival_station	String	
***unit_designator	String	
***compartment_designator	String	
*passenger	Array 2D	
**gender		
**title		
**first_name		
**last_name		
**birthdate		
**qaff		
**passenger_number		
**pax_type		
**passenger_reference		Optional
*charges	Array 2D	
**flight_number	String	No. Penerbangan
**flight_index	String	Indikator rute keberangkatan / rute kedatangan.
**pax_number	String	No. Penumpang.
**pax_type	String	
**collect_type	String	Possible value: seller_chargeable / external_chargeable
**charge_type	String	
**ssr_type	String	
**charge_code	String	

**charge_name	String	
**currency_code	String	
**amount_value	String	
**amount_percent	String	

10.4. Example

Request :

```
"session_id": "AIVF2015021108294554dab0890f55f",
"product_code": "VF"
```

Response :

```
{
  "err_code": 0,
  "session_id": "AIVF2015021108294554dab0890f55f",
  "data": {
    "hold_date_time": "1970-01-01 07:00:00",
    "booking_code": "",
    "currency_code": "IDR",
    "currency_rate": "1",
    "origin": "SUB",
    "destination": "SIN",
    "departure_date": "2015-02-25",
    "arrival_date": "2015-02-28",
    "flight_type": "OW",
    "total_adult": "1",
    "total_child": "0",
    "total_infant": "0",
    "total_pax": 1,
    "status_transacion": "DEFAULT",
    "contact": {
      "first_name": "Rudy",
      "last_name": "Wijaya",
      "title": "MR",
      "email": "rudy@gmail.com",
      "home_phone": "031562000",
      "other_phone": "031562000",
      "address": "abcd",
      "country": "ID",
      "province": "BLI",
      "city": "DPS"
    },
    "flights": [
      {
        "origin": "SUB",
        "destination": "SIN",
        "carrier_code": "3K",
        "flight_number": " 248",
        "carrier_name": "",
        "segment_id": "3K~ 248~ ~~SUB~02~/25~/2015 13:50~SIN~02~/25~/2015
17:15~",
```

```

"departure_time": "2015-02-25 13:50:00",
"arrival_time": "2015-02-25 17:15:00",
"fare_id": "0~W1~ ~WLECOW1~6200~~1~X",
"class": "W1",
"sub_class": ""
    }
  ],
  "passengers": [
    {
      "gender": "Male",
      "title": "MR",
      "first_name": "Rudy",
      "last_name": "Wijaya",
      "birthdate": "24-03-1986",
      "qaff": "abcd",
      "passenger_number": "0",
      "pax_type": "ADT"
    }
  ],
  "charges": [
    {
      "flight_number": "3K 248",
      "pax_number": "",
      "collect_type": "seller_chargeable",
      "charge_type": "fare",
      "charge_code": "BF",
      "ssr_type": "",
      "charge_name": "FarePrice",
      "currency_code": "IDR",
      "amount_value": "529900.0000",
      "amount_percent": ""
    },
    {
      "flight_number": "3K 248",
      "pax_number": "",
      "collect_type": "seller_chargeable",
      "charge_type": "fee",
      "charge_code": "TAD",
      "ssr_type": "",
      "charge_name": "TravelFee",
      "currency_code": "IDR",
      "amount_value": "-50000.000",
      "amount_percent": ""
    }
  ],
  "basic_fare": 529900,
  "fee_total": -50000,
  "ssr_total": 0,
  "tax_total": 0,
  "discount_total": 0,
  "total": 514900
}

```

11.GetBooking

11.1. Description

Service GetBooking digunakan untuk mendapatkan data *booking* berdasarkan *booking_code*.

Service Name: GetBooking

11.2. Request

Field	Data Type	Required	Description
session_id	String	Y	
booking_code	String	Y	

11.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	
data	Array	
*transaction_date	String	Tanggal Transaksi.
*booking_date	String	Tanggal Booking.
*hold_date_time	String	Time Limit Issued.
*issued_date	String	Tanggal issued.
*transaction_code	String	No.Transaksi pada API.
*booking_code	String	Kode Booking.
*currency_code	String	
*currency_rate	String	
*basic_fare	String	
*tax_total	String	
*discount_total	String	
*fee_total	String	
*ssr_total	String	
*insurance_total	String	
*total	String	
*commission	String	
*total_pax	String	
*total_adult	String	

*total_child	String	
*total_infant	String	
*status_transaction	String	
*origin	String	
*destination	String	
*departure_date	String	
*arrival_date	String	
*flight_type	String	
*contact	Array	
**first_name	String	
**surname	String	
**last_name	String	
**title	String	
**email	String	
**home_phone	String	
**other_phone	String	
**address	String	
**country	String	
**city	String	
**province	String	
*flights	Array 2D	
**flight_index	String	
**origin	String	
**destination	String	
**departure_time	String	
**arrival_time	String	
**carrier_code	String	
**carrier_name	String	
**flight_number	String	
**sub_class	String	
**class	String	
**segment_id	String	
**fare_id	String	
*passenger	Array 2D	
**gender		
**title		
**first_name		
**last_name		
**birthdate		
**qaff		
**passenger_number		
**pax_type		
**passenger_reference		Optional
*charges	Array 2D	
**flight_number	String	No. Penerbangan

**flight_index	String	Indikator rute keberangkatan / rute kedatangan.
**pax_number	String	No. Penumpang.
**pax_type	String	
**collect_type	String	Possible value: seller_chargeable / external_chargeable
**charge_type	String	
**ssr_type	String	
**charge_code	String	
**charge_name	String	
**currency_code	String	
**amount_value	String	
**amount_percent	String	

11.4. Example

Request :

```
"session_id": "AIVF2015021614300654e19c7e726fe",
"product_code": "VF",
"booking_code": "T4NHMR"
```

Response :

```
{
  "err_code": 0,
  "session_id": "AIVF2015021108294554dab0890f55f",
  "data": {
    "hold_date_time": "1970-01-01 07:00:00",
    "booking_code": "",
    "currency_code": "IDR",
    "currency_rate": "1",
    "origin": "SUB",
    "destination": "SIN",
    "departure_date": "2015-02-25",
    "arrival_date": "2015-02-28",
    "flight_type": "OW",
    "total_adult": "1",
    "total_child": "0",
    "total_infant": "0",
    "total_pax": 1,
    "status_transacion": "DEFAULT",
    "contact": {
      "first_name": "Rudy",
      "last_name": "Wijaya",
      "title": "MR",
      "email": "rudy@gmail.com",
      "home_phone": "031562000",
      "other_phone": "031562000",
      "address": "abcd",
      "country": "ID",
      "province": "BLI",

```

```

"city": "DPS"
  },
  "flights": [
    {
      "origin": "SUB",
      "destination": "SIN",
      "carrier_code": "3K",
      "flight_number": "248",
      "carrier_name": "",
      "segment_id": "3K~ 248~ ~~SUB~02\25\2015 13:50~SIN~02\25\2015
17:15~",
      "departure_time": "2015-02-25 13:50:00",
      "arrival_time": "2015-02-25 17:15:00",
      "fare_id": "0~W1~ ~WLECOW1~6200~~1~X",
      "class": "W1",
      "sub_class": ""
    }
  ],
  "passengers": [
    {
      "gender": "Male",
      "title": "MR",
      "first_name": "Rudy",
      "last_name": "Wijaya",
      "birthdate": "24-03-1986",
      "qaff": "abcd",
      "passenger_number": "0",
      "pax_type": "ADT"
    }
  ],
  "charges": [
    {
      "flight_number": "3K 248",
      "pax_number": "",
      "collect_type": "seller_chargeable",
      "charge_type": "fare",
      "charge_code": "BF",
      "ssr_type": "",
      "charge_name": "FarePrice",
      "currency_code": "IDR",
      "amount_value": "529900.0000",
      "amount_percent": ""
    },
    {
      "flight_number": "3K 248",
      "pax_number": "",
      "collect_type": "seller_chargeable",
      "charge_type": "fee",
      "charge_code": "TAD",
      "ssr_type": "",
      "charge_name": "TravelFee",
      "currency_code": "IDR",
      "amount_value": "-50000.000",
      "amount_percent": ""
    }
  ],
  "basic_fare": 529900,

```

```

    "fee_total": -50000,
    "ssr_total": 0,
    "tax_total": 0,
    "discount_total": 0,
    "total": 514900
  }
}

```

12.AddPaymentToBooking

12.1. Description

Service AddPaymentToBooking digunakan untuk menandakan bahwa akan dilakukan proses *issued*. Jika proses ini tidak dipanggil / *skip* dan dilanjutkan ke *service BookingCommit* maka proses tersebut dianggap hanya **BOOKING**. *Service AddPaymentToBooking* hanya boleh dipanggil 1 kali dalam 1 proses *booking / issued* dalam 1 *session_id*. Service ini harus dipanggil setelah service “*GetBooking / GetBookingFromState*”.

Service_name : AddPaymentToBooking

12.2. Request

Field	Data Type	Required	Description
session_id	String	Y	
product_code	String	Y	
total	String	Y	Nominal yang harus dibayarkan. Value field ini dapat diperoleh dari "total" pada service <i>GetBookingFromState</i> atau <i>GetBooking</i>

12.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	

12.4. Example

Request :

```
"session_id": "AIVF2015021108294554dab0890f55f",  
"product_code": "VF",  
"total": "514900"
```

Response :

```
{  
  "err_code": 0,  
  "session_id": "AIVF2015021108294554dab0890f55f",  
  "data": ""  
}
```

13.BookingCommit

13.1. Description

Service BookingCommit digunakan untuk mengakhiri proses *booking / issued*. Service ini harus dipanggil setelah service “*GetBookingFromState*” jika dalam kondisi **BOOKING**. Jika dalam kondisi **ISSUED**, service ini harus dipanggil setelah service “*AddPaymentToBooking*”. Pemanggilan service ini hanya dapat dilakukan sekali dalam 1 *session_id*.

Service_name : BookingCommit

13.2. Request

Field	Data Type	Required	Description
session_id	String	Y	
product_code	String	Y	

13.3. Response

Field	Data Type	Description
err_code	String	
session_id	String	

data	Array	
*transaction_date	String	Tanggal Transaksi.
*booking_date	String	Tanggal Booking.
*hold_date_time	String	Time Limit Issued.
*issued_date	String	Tanggal issued.
*transaction_code	String	No.Transaksi pada API.
*booking_code	String	Kode Booking.
*currency_code	String	
*currency_rate	String	
*basic_fare	String	
*tax_total	String	
*discount_total	String	
*fee_total	String	
*ssr_total	String	
*insurance_total	String	
*total	String	
*commission	String	
*total_pax	String	
*total_adult	String	
*total_child	String	
*total_infant	String	
*status_transaction	String	
*origin	String	
*destination	String	
*departure_date	String	
*arrival_date	String	
*flight_type	String	
*contact	Array	
**first_name	String	
**surname	String	
**last_name	String	
**title	String	
**email	String	
**home_phone	String	
**other_phone	String	
**address	String	
**country	String	
**city	String	
**province	String	
*flights	Array 2D	
**flight_index	String	
**origin	String	
**destination	String	
**departure_time	String	
**arrival_time	String	

**carrier_code	String	
**carrier_name	String	
**flight_number	String	
**sub_class	String	
**class	String	
**segment_id	String	
**fare_id	String	
*passenger	Array 2D	
**gender		
**title		
**first_name		
**last_name		
**birthdate		
**qaff		
**passenger_number		
**pax_type		
**passenger_reference		Optional
*charges	Array 2D	
**flight_number	String	No. Penerbangan
**flight_index	String	Indikator rute keberangkatan / rute kedatangan.
**pax_number	String	No. Penumpang.
**pax_type	String	
**collect_type	String	Possible value: seller_chargeable / external_chargeable
**charge_type	String	
**ssr_type	String	
**charge_code	String	
**charge_name	String	
**currency_code	String	
**amount_value	String	
**amount_percent	String	

13.4. Example

Request :

```
"session_id": "AIVF2015021108294554dab0890f55f",
"product_code": "VF"
```

Response :

```
{
  "err_code": 0,
  "session_id": "AIVF2015021108294554dab0890f55f",
  "data": {
    "total": 479900,
```

```

"booking_code": "QGCC3X",
"hold_date_time": "1970-01-01 07:00:00",
"currency_code": "IDR",
"currency_rate": "1",
"origin": "SUB",
"destination": "SIN",
"departure_date": "2015-02-25",
"arrival_date": "2015-02-28",
"flight_type": "OW",
"total_adult": "1",
"total_child": "0",
"total_infant": "0",
"total_pax": 1,
"status_transacion": "CONFIRMED",
"contact": {
  "first_name": "Rudy",
  "surname": "",
  "last_name": "Rudy",
  "title": "MR",
  "email_1": "rudy@gmail.com",
  "phone_1": "031562000",
  "phone_2": "031562000",
  "address": "abcd",
  "country": "ID",
  "city": "DPS",
  "province": "BLI"
},
"flights": [
  {
    "origin": "SUB",
    "destination": "SIN",
    "carrier_code": "3K",
    "flight_number": "248",
    "carrier_name": "",
    "segment_id": "3K~ 248~ ~~SUB~02~/25~/2015 13:50~SIN~02~/25~/2015 17:15~",
    "departure_time": "2015-02-25 13:50:00",
    "arrival_time": "2015-02-25 17:15:00",
    "fare_id": "0~W1~ ~WLECOW1~6200~~1~X",
    "class": "W1",
    "sub_class": ""
  }
],
"passengers": [
  {
    "pax_number": "0",
    "type": "ADT",
    "title": "MR",
    "gender": "Male",
    "first_name": "Rudy",
    "surname": "",
    "last_name": "Wijaya",
    "birthdate": "1986-03-24",
    "ticket_number": "",
    "mobile_1": "",
    "passpost_number": "abcd",
    "passpost_expired": "1970-01-01 07:00:00"
  }
]

```

```

    ],
    "charges": [
        {
            "flight_number": "3K 248",
            "pax_number": "",
            "collect_type": "seller_chargeable",
            "charge_type": "fare",
            "charge_code": "BF",
            "ssr_type": "",
            "charge_name": "FarePrice",
            "currency_code": "IDR",
            "amount_value": "529900.0000",
            "amount_percent": ""
        },
        {
            "flight_number": "3K 248",
            "pax_number": "",
            "collect_type": "seller_chargeable",
            "charge_type": "fee",
            "charge_code": "TAD",
            "ssr_type": "",
            "charge_name": "TravelFee",
            "currency_code": "IDR",
            "amount_value": "-50000.000",
            "amount_percent": ""
        }
    ],
    "basic_fare": 529900,
    "fee_total": -50000,
    "ssr_total": 0,
    "tax_total": 0,
    "discount_total": 0,
    "channel_commission_value": 32000
}

```

14. Error Code

14.1. Common Error

Error Code	Error Message
1000	Unknown Error
1001	Connection Error
1002	auth_id is required
1003	IP is not registered
1004	Invalid auth_id. Please contact administrator
1005	Parser Error
1006	Session Expired
1007	Login Failed
1008	Service not found
1010	(<i>Error Connection</i>)

1011	session_id is required
1013	product_category_code is required
1014	Service is not registered
1015	Invalid Product. Please contact administrator.
1016	Invalid User. Please contact administrator.
1017	Pricing Error. Please contact administrator.
1018	Invalid Product Balance. Please contact administrator.
1020	product_code is required

14.2. Airlines Error Code

Error Code	Error Message
2001	origin is required
2002	destination is required
2003	departure_date is required
2004	arrival_date is required
2005	flight_type is required
2006	adult is required
2007	child is required
2008	infant is required
2015	GetItineraryPrice cannot call before GetAvailability
2016	journeys is required
2017	journey[journey_id] is required
2018	fare_id is required
2019	ssr_segments is required
2020	segment_id is required
2021	ssr is required
2022	passenger_number is required
2023	ssr_code is required
2024	international is required
2025	journey[class_code] is required
2030	contact is required
2031	contact[first_name] is required
2032	contact[last_name] is required
2033	contact[title] is required
2034	contact[email] is required
2035	contact[home_phone] is required
2036	contact[other_phone] is required
2037	contact[address] is required
2038	contact[city] is required
2039	contact[province] is required
2040	contact[country] is required
2050	passengers is required
2051	passenger[passenger_number] is required

2052	passenger[first_name] is required
2053	passenger[last_name] is required
2054	passenger[title] is required
2055	passenger[pax_type] is required
2056	passenger[dob] is required
2057	passenger[passport_number] is required
2058	passenger[passport_expired] is required
2059	passenger[gender] is required
2100	segment_seat is required
2101	segment_seats[passenger_number] is required
2102	segment_seats[segment_id] is required
2103	segment_seats[seat_number] is required
2104	segment_seats[compartment_designator] is required
2200	booking_code is required
2201	total is required
2202	You must call AddPaymentToBooking before BookingCommit
2205	CaptchaCommit only available for Lion
2206	Captcha is required
2207	You must call GetBookingBookFromState minimal one times at a Booking Process.
2208	You must call GetBookingBookFromState before call this service.
2209	Total amount is mismatch.
2210	You must call GetBooking minimal one times at a Booking Process.
2300	Please try again
2400	No SSR Available
2800	No Flight Available
2801	You cant sell twice at same session
2802	Book Code not found
2900	(Error Booking. DB.API)
2901	(Error Booking. DB.API)
2902	(Error Issued. DB.API)
2903	(Error Issued. DB.API)
2904	Parse Error
2999	(Error from Airlines)