

Sabre Hospitality Solutions

Rates, Rate Categories, Rooms and Products Webservice Overview

Version 1.1

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What is it?

This API is used to retrieve a list of Rooms, Rates, Rate Categories or Products from SynXis CR. The results can include all items or narrowed down using filter criteria specific to each operation.

Why use it?

The API can be used to:

- Validate Rooms, Rates, Rate Categories and Product loaded in the SynXis CR match a secondary system
- Export and import to a different system
- Present the results on a website to a consumer or agent

How it works?

Use basic parameters to return a list of all items related to the operation. The results can be narrowed by adding filter criteria as outlined in the Use Cases below or by using pagination.

1.1 Rates

This operation is used to return all rates for a hotel. Optionally, the results can be narrowed down by using any of the filter criteria below.

- Search for a specific rate code using **@code**
- Search for a specific rate name using **@name**
- Search for Corporate, Group or Public rates using **@type** = [Corporate, Group, Public, Any]. Default is 'Any'.
- Search for Confidential rates using **@confidential=true**
- Narrow rates by allocation block availability using **@startDate** and **@endDate** (only applicable for Group rates)

The response includes a **rateList** node containing each of the rates searched.

GET

```
https://services.synxis.com/v1/api/product/rates?chainId=12723&hotelId=13098&primaryChannel=CRS&SecondaryChannel=SYNXISWS_BE&type=Any
```

GET Rates Response

```
{
  "contentList": {
    "hotelList": [
      {
        "code": "AMORIMF",
        "id": 13098,
        "name": "Summit Hotel and Spa"
      }
    ]
  },
  "paging": {
    "size": 1,
    "total": 1
  },
  "rateList": [
    {
```

```
"details": {
  "autoEnrollment": {
    "countryList": [
    ]
  },
  "commissionablePercentage": 0,
  "channellist": [
    {
      "description": "Booking Engine",
      "code": "WEB",
      "name": "Booking Engine"
    },
    {
      "description": "GDS",
      "code": "GDS",
      "name": "GDS"
    },
    {
      "description": "Google",
      "code": "GOOG",
      "name": "Google"
    }
  ],
  "description": "Best Available Rate",
  "detailedDescription": "Language specific detailed description",
  "hotel": {
    "id": 13098
  },
  "indicators": {
    "autoEnrollmentEnabled": false,
    "commissionable": true,
    "corporate": false,
    "group": false,
    "monthly": false,
    "promotional": false,
    "redeemable": false,
    "suppressed": false,
    "taxInclusive": true,
  }
}
```

```

    "allowSingleUseCard": false,
    "pointsOnly": false
  },
  "companyList": [
  ],
  "imageList": [
    {
      "caption": "Rate Image",
      "path": " https://d325nbe62c.cloudfront.net/imageRepo/470/hotel01.jpg",
      "sortOrder": "0",
      "mediaType": "CRS",
      "mediaCategory": "Rate"
    }
  ]
},
"activeBlocks": false,
"baseRateCode": "BAR",
"categoryCode": "RR1",
"currencyCode": "USD",
"code": "BAR",
"name": "Best Available Rate",
"sortSequenceNumber": 6,
"pmsCode": ""
}
]
}

```

1.2 Rate Categories

This operation is used to return all rateCategories for a hotel. Optionally, the results can be narrowed down by using any of the filter criteria below.

- Search for a specific rate code: **@code**
- Search for a specific rate name: **@name**
 - Note: if searching by both rateCategory @code and rateCategory name, use the **@any** attribute to define how to combine the results. If true, search by @code OR @name. If false, search by @code AND @name.

The response includes a **rateCategoryList** node containing each of the rateCategories queried.

GET

https://services.synxis.com/v1/api/product/rateCategories?chainId=12723&hotelId=13098&primaryChannel=CRS&SecondaryChannel=SYNXISWS_BE

GET Rate Categories Response

```
{
  "contentList": {
    "hotelList": [
      {
        "code": "AMORIMF",
        "id": 13098,
        "name": "Summit Hotel and Spa"
      }
    ]
  },
  "paging": {
    "size": 8,
    "total": 8
  },
  "rateCategoryList": [
    {
      "details": {
        "description": "3rd Party Websites",
        "hotel": {
          "id": 13098
        }
      },
      "code": "3RDP",
      "name": "3rd Party Websites"
    },
    {
      "details": {
        "description": "",

```

```
"hotel": {
  "id": 12723
},
},
"code": "BAR",
"name": "Best Available Rates"
},
{
  "details": {
    "description": "",
    "hotel": {
      "id": 12723
    }
  },
  "code": "CONS",
  "name": "Preferred Rates"
},
{
  "details": {
    "description": "Discount Rates",
    "hotel": {
      "id": 13098
    }
  },
  "code": "DISC",
  "name": "Discount Rates"
},
{
  "details": {
    "description": "Rate Category Short Description",
    "hotel": {
      "id": 12723
    }
  },
  "code": "LOYAL",
  "name": "Loyalty Program Rates"
},
{
```



```
"details": {
  "description": "",
  "hotel": {
    "id": 12723
  }
},
"code": "NEG",
"name": "Negotiated Rates"
},
{
  "details": {
    "description": "Packages",
    "hotel": {
      "id": 13098
    }
  },
  "code": "PKG",
  "name": "Packages"
},
{
  "details": {
    "description": "",
    "hotel": {
      "id": 12723
    }
  },
  "code": "PROMO",
  "name": "Promotional Rates"
}
]
```

1.3 Rooms

This operation is used to return all rooms for a hotel. Optionally, the results can be adjusted by using any of the filter criteria below.

- Search for a specific rate code using **@code**
- Search for a specific rate name using **@name**. Use % for a wildcard search.
- Return Room Features, Room Views and Room class using **@view=full**.

The response includes a **roomList** node containing each of the rooms queried.

```
GET
https://services.synxis.com/v1/api/product/rooms?chainId=12723&hotelId=13098&primaryChannel=WEB&SecondaryChannel=WBSVC
```

```
GET Rooms Response
{
  "paging": {
    "Size": 1,
    "Total": 1
  },
  "roomList": [
    {
      "Details": {
        "Description": "Deluxe room with 2 queen beds",
        "DetailedDescription": "Deluxe room with 2 queen beds overlooking the beautiful South
Padre Island.",
        "GuestLimit": {
          "ChildrenIncluded": true,
          "Adults": 2,
          "Children": 0,
          "GuestLimitTotal": 2,
          "Value": 2
        },
        "ImageList": [
          {
```

```

        "Path":
"https://d6mioexgran8a.cloudfront.net/imageRepo/1/0/31/789/518/EEWASPLrm02_P.jpg",
        "MediaType": "None",
        "MediaCategory": "None"
    },
    ],
    "Hotel": {
        "Id": 13098
    },
    "Bedding": [
        {
            "Description": "Queen",
            "Code": "Q",
            "Quantity": "2",
            "Type": "Queen",
            "IsPrimary": true
        },
        {
            "Description": "Sofa Bed",
            "Code": "L",
            "Quantity": "1",
            "Type": "SofaBed",
            "IsPrimary": false
        }
    ],
    "ExtraBed": {
        "Allowed": true,
        "Cost": 15.0
    },
    "AdaComplaint": false
},
"Code": "DEIQUE",
"Name": "Deluxe Queen Bed",
"SortOrder": 7,
"PmsCode": "34267"
},
],
"contentList": {

```

```
    "HotelList": [
      {
        "Code": "AMORIMF",
        "Id": 13098,
        "Name": "Summit Hotel and Spa"
      }
    ]
  }
}
```

GET
<https://services.synxis.com/v1/api/product/rooms?chainId=12723&hotelId=13098&primaryChannel=WEB&SecondaryChannel=WBSVC&view=full>

GET Rooms Response – with additional content by including @view=full

```
{
  "paging": {
    "Size": 1,
    "Total": 1
  },
  "roomList": [
    {
      "Details": {
        "Description": "Deluxe room with 2 queen beds",
        "DetailedDescription": "Deluxe room with 2 queen beds overlooking the beautiful South Padre Island.",
        "GuestLimit": {
          "ChildrenIncluded": true,
          "Adults": 2,
          "Children": 0,
          "GuestLimitTotal": 2,
          "Value": 2
        },
        "ImageList": [
          {

```

```

        "Path":
"https://d6mioexgran8a.cloudfront.net/imageRepo/1/0/31/789/518/EEWASPLrm02_P.jpg",
        "MediaType": "None",
        "MediaCategory": "None"
    },
    ],
    "Hotel": {
        "Id": 13098
    },
    "Bedding": [
        {
            "Description": "Queen",
            "Code": "Q",
            "Quantity": "2",
            "Type": "Queen",
            "IsPrimary": true
        },
        {
            "Description": "Sofa Bed",
            "Code": "L",
            "Quantity": "1",
            "Type": "SofaBed",
            "IsPrimary": false
        }
    ],
    "Class": {
        "Code": "A",
        "Description": "Deluxe"
    },
    "ExtraBed": {
        "Allowed": true,
        "Cost": 15.0
    },
    "FeatureList": [
        {
            "Description": "Foam pillows",
            "Id": "1",
            "OtaCode": "1",

```

```

        "SortOrder": 21,
        "OtaType": "Room Services"
    },
    {
        "Description": "Grab bars in bathroom",
        "Id": "1",
        "OtaCode": "1",
        "SortOrder": 2,
        "OtaType": "Room Services"
    },
    {
        "Description": "Hairdryer",
        "Id": "1",
        "OtaCode": "1",
        "SortOrder": 11,
        "OtaType": "Room Services"
    },
    {
        "Description": "High speed internet connection",
        "Id": "1",
        "OtaCode": "1",
        "SortOrder": 3,
        "OtaType": "Room Services"
    }
],
"ViewList": [
    {
        "Description": "Airport View",
        "Code": "20766",
        "OtaCode": "1"
    },
    {
        "Description": "Beach View",
        "Code": "20780",
        "OtaCode": "15"
    }
],
"AdaComplaint": false

```

```
    },
    "Code": "DE1QUE",
    "Name": "Deluxe Queen Bed",
    "SortOrder": 7,
    "PmsCode": "34267"
  },
],
"contentList": {
  "HotelList": [
    {
      "Code": "AMORIMF",
      "Id": 13098,
      "Name": "Summit Hotel and Spa"
    }
  ]
}
}
```

1.4 Products

This operation is used to return all products (room + rate combinations) for a hotel. Optionally, the results can be narrowed down by using any of the filter criteria below.

- Search for a specific rate code and room code combination using **@rateCode** and **@roomCode**

The response includes a **productList** node containing each of the products queried along with a **rateList** and a **roomList** node for the associated rates and rooms.

```
GET
https://services.synxis.com/v1/api/products?chainId=12723&hotelId=13098&primaryChannel=CRS&secondaryChannel=SYNXISWS_BE
```

GET Products Response
<pre>{ "contentList": {</pre>

```
"hotelList": [
  {
    "code": "AMORIMF",
    "id": 13098,
    "name": "Summit Hotel and Spa"
  }
],
"paging": {
  "size": 2,
  "start": 0,
  "total": 2
},
"productList": [
  {
    "details": {
      "description": "",
      "hotel": {
        "id": 13098
      }
    },
    "rate": {
      "code": "ADV"
    },
    "room": {
      "code": "LUXQ"
    },
    "id": "ADV:LUXQ"
  },
  {
    "details": {
      "description": "",
      "hotel": {
        "id": 13098
      }
    },
    "rate": {
      "code": "ADV"
    }
  }
]
```



```

    },
    "room": {
      "code": "SUPQ"
    },
    "id": "ADV:SUPQ"
  }
],
"rateList": [
  {
    "details": {
      "autoEnrollment": {
        "countryList": [
        ]
      },
      "commissionablePercentage": 0,
      "channelList": [
        {
          "description": "GDS",
          "code": "GDS",
          "name": "GDS"
        },
        {
          "description": "Booking Engine",
          "code": "WEB",
          "name": "Booking Engine"
        },
        {
          "description": "Google",
          "code": "GOOG",
          "name": "Google"
        }
      ],
      "description": "Book early and save!",
      "detailedDescription": "Our Advance Purchase Rate allows you to plan ahead and save. Read rate rules and policies carefully. No refunds! X",
      "hotel": {
        "id": 13098
      }
    }
  }
],

```

```
"indicators": {
  "autoEnrollmentEnabled": false,
  "commissionable": true,
  "corporate": false,
  "group": false,
  "monthly": false,
  "promotional": false,
  "redeemable": false,
  "suppressed": false,
  "taxInclusive": false,
  "allowSingleUseCard": false,
  "pointsOnly": false
},
"companyList": [
],
"imageList": [
  {
    "path": "https://d325nbe62c.cloudfront.net/imageRepo/470/rate01.jpg",
    "sortOrder": "1",
    "mediaType": "VScape",
    "mediaCategory": "rate"
  },
  {
    "path": "https://d325nbe62c.cloudfront.net/imageRepo/470/rate02.jpg ",
    "sortOrder": "0",
    "mediaType": "CRS",
    "mediaCategory": "rate"
  }
]
},
"activeBlocks": false,
"baseRate": "BAR"
"categoryCode": "DISC",
"currencyCode": "USD",
"code": "ADV",
"name": "Advance Purchase Rate",
"sortSequenceNumber": 5,
"pmsCode": "ADV"
```

```

}
],
"roomList": [
  {
    "details": {
      "description": "Deluxe Room Two Queen Beds-AC-Cable TV-Minibar-Bathroom-Hair Drier-Closet-Balcony-Desk-
Interne",
      "detailedDescription": "Deluxe Room Two Queen Beds-AC-Cable TV-Minibar-Bathroom-Hair Drier-Closet-Balcony-
Desk-Internet-Safe",
      "guestLimit": {
        "childrenIncluded": true,
        "value": 4
      },
      "hotel": {
        "id": 13098
      }
    },
    "categoryCode": "ABC",
    "code": "LUXQ",
    "name": "Deluxe Room Queen Beds",
    "sortOrder": 3,
    "pmsCode": ""
  },
  {
    "details": {
      "description": "2 Queen Beds-AC-Cable TV-Minibar-Bathroom-Hair Dryer-Closet-Balcony-Desk-Internet-Safe-",
      "detailedDescription": "2 Queen Beds-AC-Cable TV-Minibar-Bathroom-Hair Dryer-Closet-Balcony-Desk-Internet-
Safe!",
      "guestLimit": {
        "childrenIncluded": true,
        "value": 3
      },
      "hotel": {
        "id": 13098
      }
    },
    "categoryCode": "SUP",
    "code": "SUPQ",

```

```
"name": "Superior Room Queen Beds",  
  "sortOrder": 1  
}  
]  
}
```