Overview

Citrix SD-WAN Orchestrator service is a cloud-hosted, multitenant management service available to **Do It Yourself** enterprises and Citrix Partners. Citrix SD-WAN Orchestrator service provides a single-pane of glass management platform for Citrix partners to manage multiple customers centrally, with suitable role based access controls. For more information, see the Citrix SD-WAN Orchestrator service documentation.

To use Citrix SD-WAN Orchestrator service API, perform the following:

Get access to Citrix Cloud

For information on how to get access to Citrix Cloud and create a secure client, see Get started with Citrix Cloud APIs section.

Getting Started

To use Citrix SD-WAN Orchestrator service APIs, Citrix customer must have the following in each API request:

- **CCAuth Token:** Secure HTTP requests sent to Citrix Cloud (CC) uses a custom `Authorization header` that contains a CC bearer token. Bearer tokens are required for actions that take place on behalf of a user.

To make a request to Citrix SD-WAN Orchestrator service APIs from a client, perform the following:

1. Set `Authorization` header.
2. Add a JSON Payload to the request, if any.
3. Send `HTTP` Request.
4. Handle any error responses.
5. Process the response displayed in JSON.

To get Client ID and secret, see Get started with Citrix Cloud APIs and to obtain bearer, use Logon API

Request and Response

A typical Request and Response looks as follows:

POST

Request

```
ccid: {{customerId}}

Authorization: CWSAuth bearer={{bearerToken}}

Content-Type: application/json

Accept: application/json
```

```
{
  "address": "string",
  "applianceMode": "client",
  "applianceName": "string",
  "applianceName2": "string",
  "bandwidthTier": 0,
  "cloudProvider": "string",
  "cloudRegionName": "string",
  "contactEmail": "string",
  "contactName": "string",
  "continent": "string",
  "country": "string",
  "cpu": 0,
  "customCoordinates": true,
  "defaultRoutingDomain": "string",
  "edition": "AE",
  "enableHa": true,
  "enableSourceMacLearning": true,
  "gatewayArpTimer": 0,
  "hostArpTimer": 0,
  "ignoreInternetWanLinkStatus": true,
  "ignoreIntranetWanLinkStatus": true,
```

```
  "isCloudSite": true,
  "latitude": 0,
  "longitude": 0,
  "memory": 0,
  "model": "cb1000",
  "name": "string",
  "region": "string",
  "secureKey": "string",
  "serial": "string",
  "serial2": "string",
  "siteProfile": "string",
  "subModel": "string",
  "tags": [
    "string"
  ],
  "w2wForwarding": true
}
```


Response 200 Created


```
{
  "address": "string",
  "applianceMode": "string",
```

```
"applianceName": "string",
"applianceName2": "string",
"bandwidthTier": 0,
"calculatedStatus": "string",
"cloudProvider": "string",
"cloudRegionName": "string",
"configuredBandwidth": 0,
"contactEmail": "string",
"contactName": "string",
"continent": "string",
"country": "string",
"cpu": 0,
"createdAt": "string",
"criticalAlertCount": 0,
"customCoordinates": true,
"customerId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"defaultRoutingDomain": "string",
"deployed": true,
"devices": [
  {
    "addOnEntitlements": [
      {
```

```
"addonBandwidth": 0,
"backOfficeId": "string",
"boAvailable": 0,
"boTotal": 0,
"dateExpires": "2021-01-12T22:09:40.544Z",
"datePurchased": "2021-01-12T22:09:40.544Z",
"entitlementId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"license": {
  "addOnEntitlements": [
    null
  ],
  "ccId": "string",
  "createdAt": "2021-01-12T22:09:40.544Z",
  "customerId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "lac": "string",
  "orchEntitlements": [
    {
      "backOfficeId": "string",
      "boAvailable": 0,
      "boTotal": 0,
```

```
      "createdAt": "2021-01-12T22:09:40.544Z",
      "dateExpires": "2021-01-12T22:09:40.544Z",
      "datePurchased": "2021-01-12T22:09:40.544Z",
      "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
      "orchAvailable": 0,
      "orchTotal": 0,
      "sessionId": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
    }
  ],
  "sdwanEntitlements": [
    {
      "applianceEdition": "string",
      "backOfficeId": "string",
      "boAvailable": 0,
      "boTotal": 0,
      "createdAt": "2021-01-12T22:09:40.544Z",
      "dateExpires": "2021-01-12T22:09:40.544Z",
      "datePurchased": "2021-01-12T22:09:40.544Z",
      "entitlementType": "NONE",
      "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
      "orchAvailable": 0,
      "orchTotal": 0,
```

```
            "platform": "string",
            "saDate": "2021-01-12T22:09:40.544Z",
            "sdwanBandwidth": 0,
            "sessionId": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
          }
        ]
      },
      "orchAvailable": 0,
      "orchTotal": 0,
      "saDate": "2021-01-12T22:09:40.544Z",
      "type": "CLOUD_DIRECT"
    }
  ],
  "addOnLicenseType": "CLOUD_DIRECT",
  "agentBuild": "string",
  "allocatedBandwidth": 0,
  "cmDeviceStatus": "ACTIVATION_COMPLETE",
  "configured": true,
  "createdAt": "string",
  "defaultPassword": true,
  "deviceHaState": "string",
  "deviceRegulatoryDomain": 0,
```

```
"deviceReportedStatus": "string",
"deviceState": "CADS_NOT_ACTIVE",
"deviceStateDetails": "string",
"deviceStatus": "string",
"entitlementId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"expirationDate": "2021-01-12T22:09:40.544Z",
"firmwareBuild": "string",
"haRole": "string",
"haState": "string",
"heartbeatInterval": 0,
"heartbeatLastSeen": "string",
"id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"interfaceStatusList": [
  {
    "adminStatus": "string",
    "createdAt": "string",
    "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "interfaceName": "string",
    "interfaceType": "string",
    "ipAddress": "string",
    "lowerInterface": "string",
    "operStatus": "string",
```

```
        "updatedAt": "string"
      }
    ],
    "licenseId": "string",
    "licenseType": "LICENSED",
    "maintenanceMode": true,
    "moreTokensAllowed": true,
    "onlineStatus": "string",
    "platform": "string",
    "role": "string",
    "saDate": "2021-01-12T22:09:40.544Z",
    "serialNumber": "string",
    "shortName": "string",
    "siteId": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
    "softwareEdition": "string",
    "stsRunning": true,
    "updateLicense": true,
    "updatedAt": "string",
    "uptime": 0
  }
],
"edition": "string",
```

```
"enableHa": true,
"enableSourceMacLearning": true,
"gatewayArpTimer": 0,
"hostArpTimer": 0,
"id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
"ignoreInternetWanLinkStatus": true,
"ignoreIntranetWanLinkStatus": true,
"isCloudSite": true,
"isDeployed": true,
"latitude": 0,
"longitude": 0,
"lowAlertCount": 0,
"mediumAlertCount": 0,
"memory": 0,
"model": "string",
"name": "string",
"region": "string",
"serial": "string",
"serial2": "string",
"siteProfile": "string",
"status": "string",
"subModel": "string",
```

```
  "tags": [
    "string"
  ],
  "updatedAt": "string"
}
```