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1 Acronis Cyber Cloud API Interfaces and Base Flows

1.1 Parameters used in the following API documentation

`{base_url}` is a URL of Acronis Cyber Cloud address or branded URL like `dev-cloud.acronis.com`, `us2-cloud.acronis.com`, and others.

`{tenant_id}` is a tenant id which is GUID

1.2 Produce an IDP Token

A JWT token with a limited time-to-live approach is used to securely manage any API clients' access, like your scripts and integrations, for the Acronis Cyber Cloud. Using a login and password for a specific user is not a secure and manageable way to create a token, but technically it's possible.

Acronis Cyber Cloud API Client credentials can be generated in the Management Portal.

A generated client has inherited access rights from a user used for the generation, but it's disconnected from them. You don't need to issue a new client even if the user account is removed from Acronis Cloud.

To issue a token `/idp/token` endpoint is called using POST request with param **grant_type** equal `client_credentials` and content type `application/x-www-form-urlencoded` with Basic Authorization using a `client_id` as a user name and a `client_secret` as a password.

Note: A token has time to live and must be renewed/refreshed before the expiration time. The best practice is to check before starting any API calls sequence and renew/refresh if needed.

Note: Currently, the default time-to-live to a token for the API is 2 hours.

expires_on is when a token expires in Unix time format -- seconds from January 1, 1970. Here we assume that you renew/refresh a token as soon as you receive a 401 code.

Use the received **access_token** with the for Bearer Authorization for all following API v2 requests.

HTTP Method

POST `https://{base_url}/api/2/idp/token`

Authorization

Basic Authorization, `client_id` as a username, and `client_secret` as a password.

Content-Type

`application/x-www-form-urlencoded`

Parameters

Name	Description
<code>grant_type</code> form Required	Grant Type The only always-required parameter; 'password' grant_type implements https://tools.ietf.org/html/rfc6749#section-4.3 , 'authorization_code', 'refresh_token' and 'client_credentials' grant_type's implement http://openid.net/specs/openid-connect-core-1_0.html#TokenEndpoint 'urn:ietf:params:oauth:grant-type:device_code' grant type implements https://tools.ietf.org/html/draft-ietf-oauth-device-flow-07 (available only in Backup Account Server) 'urn:ietf:params:oauth:grant-type:jwt-bearer' grant type implements https://tools.ietf.org/html/rfc7523 (available only in Backup Account Server)
<code>client_id</code> form	String OAuth 2.0 Client Identifier (UUID) required for grant_type='password' and for grant_type='urn:ietf:params:oauth:grant-type:device_code', not required for other grant_type values
<code>username</code> Form	String required for 'password' grant_type
<code>password</code> Form	String required for 'password' grant_type
<code>refresh_token</code> form	String required for 'refresh_token' grant_type
<code>code</code> Form	String required for 'authorization_code' grant_type
<code>scope</code> Form	String Not used for 'authorization_code'. Optional for all other supported grant types.
<code>assertion</code> Form	String required for 'urn:ietf:params:oauth:grant-type:jwt-bearer' grant type
<code>device_code</code> form	String required for 'urn:ietf:params:oauth:grant-type:device_code' grant type
<code>otp_code</code> Form	String used with grant_type=password when TOTP authentication is required

Detailed Documentation

<https://developer.acronis.com/doc/account-management/v2/reference/index#/http/api-endpoints/idp/produce-idp-token>

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrzYuH2#2689b68f-e5d0-48c4-a585-32350450f49a>

Authenticating to the platform Python guide

<https://developer.acronis.com/doc/account-management/v2/guide/getting-started/authenticating>

Example Response

```
{
  "access_token": "eyJ0eX...qBR7vMYARZJuxvk3mtoMX2sEvQL8wCw",
  "id_token": "eyJ0eX... 5xFELhzJNCSLxQyRnfEkF4g",
  "expires_on": 1600455866,
  "token_type": "bearer"
}
```

1.3 Create a Report

Reports allow you to have detailed statistics on the usage of your services. All operations with the reports in the cloud platform are located under the `/reports` endpoint.

The reports use bytes, and Management Console shows usages in gigabytes (GB), 1024^3 bytes, or gibibytes (GiB) as of measurement units for storage space.

The platform enforces the following rules for the reporting period:

- A reporting period must not be in the future
- If the tenant was renamed, the report contains the tenant's latest name within the provided period.

HTTP Method

PUT `https://{base_url}/api/2/reports`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Content-Type

`application/json`

Parameters

Name	Description
<code>body</code> Body Required	Report Post

Report Post

Name	Description
<code>recipients</code> Required	<code>array<String></code> IDs of subscribed users
	Constraints: <i>Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4}-){3}[0-9a-f]{12}</i>
<code>result_action</code> Required	Result Action What to do with the report
<code>parameters</code> Required	Parameters 1
<code>schedule</code> Required	Schedule 1
<code>generation_date</code>	String Formatted date: YYYY-MM-DD
	Constraints: <i>Minimum Length: 10, Maximum Length: 10, Pattern: \d{4}-\d{2}-\d{2}</i>

Result Action

Name

save

send

Parameters 1

Name	Description
tenant_id Required	String Constraints: <i>Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4}-){3}[0-9a-f]{12}</i>
level Required	Level Level of report detail
kind Required	Kind Kind of report
formats	array<Format 1> Report formats
period	Period Report period

Schedule 1

Name	Description
Enabled	Boolean Flag indicating whether the report is enabled (scheduled reports only)
type Required	Type 8 Type of report schedule

Level

Value	Description
direct_partners	The report includes direct customers and partners
all_partners	The report includes all partners
all_customers	The report includes all customers and partners
accounts	The report includes all customers and partners (including user account details)

Kind

Value	Description
usage_daily	This report contains the service usage metrics day-by-day for the provided period
usage_summary	This report contains the service usage metrics for the end of the specified period, and the difference between the metrics at the beginning and the end of the specified period. The usage information is actual for 23:59:59 UTC of the start date and the end date of the selected period
usage_current	This report contains current service usage metrics. The usage metrics are calculated within each of the child tenants' billing periods. If the tenants included in the report have different billing periods, the parent tenant's usage may differ from the sum of the child tenants' usages. The usage information is actual for 23:59:59 UTC of the previous day
usage_breakdown	This report contains the service usage metrics and their changes for each day of the specified period. The usage information is actual for 23:59:59 UTC of each of the days of the selected period

Format 1

Value	Description
csv	The report is generated in table-formatted CSV format
html	The report is generated in HTML format
json_v1	The report is generated in API v1 compatible JSON format
csv_v2_0	The report is generated in CSV format
json_v2_0	The report is generated in API v2 compatible JSON format

Period

Name	Description
start Required	String
	Formatted date: YYYY-MM-DD
	Constraints: <i>Minimum Length: 10, Maximum Length: 10, Pattern: \d{4}-\d{2}-\d{2}</i>
end Required	String
	Formatted date: YYYY-MM-DD
	Constraints: <i>Minimum Length: 10, Maximum Length: 10, Pattern: \d{4}-\d{2}-\d{2}</i>

Type 8

Value	Description
once	The report is generated only once on generation_date
monthly	The report is generated at 23:59:59 by UTC on the first day of a month and sent on the second day of that month to administrators of your tenant who have the reports attribute in notifications

Example Request

```
{
  "parameters": {
    "kind": "usage_current",
    "tenant_id": "{tenant_id}",
    "level": "accounts",
    "formats": [
      "csv_v2_0"
    ]
  },
  "schedule": {
    "type": "once"
  },
  "result_action": "save"
}
```

Example Response

```
{
  "id": "9968c4df-f0cb-4e15-aab4-9ee44e7f321f",
  "result_action": "save",
  "recipients": [],
  "parameters": {
    "formats": [
      "csv_v2_0"
    ],
    "level": "accounts",
    "kind": "usage_current",
    "period": {
      "end": "2020-02-03",
      "start": "2020-02-01"
    },
    "tenant_id": "53b471e1-50dd-4557-ae6d-f687946821d4"
  },
  "version": 1,
  "schedule": {
    "enabled": true,
    "type": "once"
  },
  "generation_date": "2020-02-04"
}
```

Detailed Documentation

<https://developer.acronis.com/doc/account-management/v2/reference/index#/http/api-endpoints/reports/create-report>

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrzYuH2#1c7b62fa-e403-4d04-b63b-885b8f232b8b>

<https://documenter.getpostman.com/view/5763797/SzrzYuH2#babc48f0-da66-4f3b-be06-afed081436e3>

1.4 Create a Report to Gather Legacy Edition Usage

To gather legacy editions usage, we need to use [Create a Report](#) call with **schedule** object with filed **type** set to `once` run a report with **result_action** field set to the value `save`. You can select 2 formats suitable for that report analyzing `csv_v2_0` and `json_v2_0`.

You can use value `usage_current` for field **kind** and don't provide **period** object with **start** and **end**.

As a value for the **tenant_id** filed, it is the value of your root tenant's id with the **level** filed specifying the needed level of details. For that purpose, `all_customers` value should be used. *As a result of this call, a stored report is created with the current usage (actual on the previous day 12am UTC).*

1.5 Get Stored Reports List

You receive an array of stored report items for each report format you requested in JSON's report creation.

You need to check that an item's status is "saved" only in this case, id is available, and your report is ready for download.

Collect id for each format you need to download and proceed.

Then for each of the stored reports, you request the [Download a Stored Report](#).

HTTP Method

GET `https://{base_url}/api/2/reports/{report_id}/stored`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Parameters

Name	Description
<code>report_id</code> Template Required	String
	Report ID (UUID)
	Constraints: Minimum Length: 36, Maximum Length: 36, Pattern: <code>[0-9a-f]{8}-([0-9a-f]{4})-([3][0-9a-f]{12})</code>

Example Response

```
{
  "items": [
    {
      "id": "cc593092-8820-45f4-a347-35e0979a5bd6",
      "report_format": "csv_v2_0",
      "created_at": "2020-02-04T10:37:53+00:00",
      "size": 2467,
      "status": "saved"
    }
  ]
}
```

Detailed Documentation

<https://developer.acronis.com/doc/account-management/v2/reference/index#/http/api-endpoints/reports/get-report-stored-list>

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrzYuH2#44dbc6ef-c437-4a0c-b68d-8d48dc12199e>

1.6 Download a Stored Report

The result is a gzipped octet-stream, so you need to use the corresponding tooling to receive the final un-gzipped report file.

HTTP Method

GET `https://{base_url}/api/2/reports/{report_id}/stored/{stored_report_id}`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Parameters

Name	Description
<code>report_id</code> Template Required	String Report ID (UUID) Constraints: <i>Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4})-(3)[0-9a-f]{12}</i>
<code>stored_report_id</code> Template Required	String Stored Report ID (UUID) Constraints: <i>Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4})-(3)[0-9a-f]{12}</i>

Detailed Documentation

<https://developer.acronis.com/doc/account-management/v2/reference/index#/http/api-endpoints/reports/download-report-stored>

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrYuH2#d6ca7e94-a1f9-44be-91e1-f07a9803b13e>

1.7 Get a Tenant Offering Items List

HTTP Method

GET `https://{base_url}/api/2/tenants/{tenant_id}/offering_items`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Parameters

Name	Description
<code>tenant_id</code> Template Required	String Tenant ID (UUID) Constraints: <i>Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4})-(3)[0-9a-f]{12}</i>
<code>for_ui</code> Query	String Return offering items list in a form appropriate for UI. Currently, offering items on a grace period would be filtered out.
<code>edition</code> Query	String Apply editions filtering. If not stated, filtering is done for standard. If "*" is provided, all editions would be returned. Offering items without an edition are not filtered out in any case.

Filters the results by the list of usage names and returns items with matching usage names. Usage names must be comma-separated

Example Response

```
{
  "items": [
    {
      "usage_name": "storage",
      "locked": false,
      "infra_id": "019097a6-114f-4418-bd54-e01ef049f209",
      "quota": {
        "version": 0,
        "overage": null,
        "value": null
      },
      "edition": "standard",
      "measurement_unit": "bytes",
      "name": "storage",
      "application_id": "6e6d758d-8e74-3ae3-ac84-50eb0dff12eb",
      "status": 1,
      "type": "infra"
    },
    {
      "usage_name": "dr_storage",
      "locked": false,
      "infra_id": "debe7865-fa8d-4c16-8e26-adcf8d7fd23d",
      "quota": {
        "version": 0,
        "overage": null,
        "value": null
      },
      "edition": "standard",
      "measurement_unit": "bytes",
      "name": "dr_storage",
      "application_id": "6e6d758d-8e74-3ae3-ac84-50eb0dff12eb",
      "status": 1,
      "type": "infra"
    },
    ...
  ]
  {
    "usage_name": "notarizations",
    "locked": false,
    "quota": {
      "version": 0,
      "overage": null,
      "value": null
    },
    "edition": null,
    "measurement_unit": "quantity",
```

```

        "name": "notarizations",
        "application_id": "f9c5744e-bd1a-36b6-b0f0-ecd7483e1796",
        "status": 1,
        "type": "count"
    },
    {
        "usage_name": "esignatures",
        "locked": false,
        "quota": {
            "version": 0,
            "overage": null,
            "value": null
        },
        "edition": null,
        "measurement_unit": "quantity",
        "name": "esignatures",
        "application_id": "f9c5744e-bd1a-36b6-b0f0-ecd7483e1796",
        "status": 1,
        "type": "count"
    }
]
}

```

Detailed Documentation

<https://developer.acronis.com/doc/account-management/v2/reference/index#/http/api-endpoints/tenants/get-tenant-offering-items-list>

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrYuH2#4b67355e-ec38-4cb6-918a-aff9efdc61d>

<https://documenter.getpostman.com/view/5763797/SzrYuH2#772873d8-3a80-4b03-a676-e315bd8b4568>

Fetching available offering items Python guide

<https://developer.acronis.com/doc/account-management/v2/guide/offering-items/fetching-available-ois>

1.8 Get a Partner Offering Items List for All Editions

In most cases, for a partner, all available offering items are enabled. To retrieve offering items for all editions, use [Get a Tenant Offering Items List](#) call with the * value for **edition** parameter. Id of a partner tenant should be used for the **tenant_id** template parameter.

1.9 Enable All New/Disabled Offering Items for a Partner

To enable new/disabled offering items for a partner, please use the following flow:

1. Use [Get a Partner Offering Items List for All Editions](#) call to retrieve a list of all possible offering items for a specific partner.
2. In the received JSON array with the root element **items**, filter out all offering items with field **status** equal 1. Now you have a list of disabled offering items for **all** editions for the partner.

- [Optional] Filter this JSON to apply your business logic. Suppose you want to apply custom logic to offering items that should be enabled for a partner. In that case, you may additionally filter the results of the previous calls using **infra_id**, **application_id**, **edition**, or/and **name** values of offering items fields.
- Replace the JSON root element **items** with **offering_items** and set the **status** field for items to enable to 1.
- [Optional] Set quotas for enabled items by modifying object **quota** by setting values for **value**.

```
"quota": {
  "value": 1024
}
```

- Set offering items with filtered JSON using [Set Offering Items for a Tenant](#) call.

1.10 Get a Partner Offering Items List for an Edition

To retrieve offering items for all editions, use [Get a Tenant Offering Items List](#) call with the corresponding edition value from the table below for the **edition** parameter. Id of a partner tenant should be used for the **tenant_id** template parameter.

	Edition	edition parameter in API
1	(Legacy) Cyber Backup – Standard Edition	standard
2	(Legacy) Cyber Backup – Advanced Edition	advanced
3	(Legacy) Cyber Backup – Disaster Recovery Edition	disaster_recovery
4	(Legacy) Cyber Protect – Standard Edition	cyber_protect_std
5	(Legacy) Cyber Protect – Advanced Edition	cyber_protect_adv
6	(Legacy) Cyber Protect – Disaster Recovery Edition	cyber_protect_dre
7	(Legacy) Cyber Protect Edition	per_workload
8	(Legacy) Cyber Backup Edition	per_gigabyte
9	Cyber Protect (per gigabyte)	pck_per_gigabyte
10	Cyber Protect (per workload)	pck_per_workload
12	File Sync & Share (per gigabyte)	fss_per_gigabyte
12	File Sync & Share (per user)	fss_per_user
13	(Legacy) File Sync & Share	fss_legacy
14	All editions	*

1.11 Enable Some New/Disabled Offering Items for an Edition for a Partner

To enable new/disabled offering items for a partner, please use the following flow:

- Use [Get a Partner Offering Items List for an Edition](#) call to retrieve a list of all possible offering items for a specific partner and a specific edition.
- In the received JSON array with the root element **items**, filter out all offering items with field **status** equal 1. Now you have a list of disabled offering items for **the specific edition** for the partner.
- [Optional] Filter this JSON to apply your business logic. Suppose you want to apply custom logic to offering items that should be enabled for a partner. In that case, you may additionally filter

the results of the previous calls using **infra_id**, **application_id**, **edition**, or/and **name** values of offering items fields.

4. Replace the JSON root element **items** with **offering_items** and set the **status** field for items to enable to 1.
5. [Optional] Set quotas for enabled items by modifying object **quota** by setting values for **value**.

```
"quota": {  
  "value": 1024  
}
```

6. Set offering items with filtered JSON using [Set Offering Items for a Tenant](#) call.

1.12 Set Offering Items for a Tenant

You don't need to enable applications, aka services like Cyber Protect, Cyber Files, Cyber Notary, or Physical Data Shipping separately. As soon as you enable at least one offering item to belong for a specific service, a corresponding application is enabled automatically for a tenant.

HTTP Method

PUT `https://{base_url}/api/2/tenants/{tenant_id}/offering_items`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Content-Type

`application/json`

Parameters

Name	Description
<code>tenant_id</code> Template Required	String Tenant ID (UUID) Constraints: <i>Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4}-){3}[0-9a-f]{12}</i>
<code>body</code> Body Required	Tenant Offering Items Put

Tenant Offering Items Put

Name	Description
<code>offering_items</code> Required	array<Offering Item 4>
<code>check_usage</code>	Boolean Check that turning off offering items have no usage when set to true

Offering Item 4

Name	Description
<code>application_id</code> Required	String Constraints: <i>Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4}-){3}[0-9a-f]{12}</i>
<code>name</code> Required	String
<code>status</code>	Number

Status of offering item: 1 - item turned on, 0 - off	
infra_id	String
Constraints: Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4}-){3}[0-9a-f]{12}	
quota	Quota

Quota

Name	Description
value Required	Decimal
	This field can have a null value.
	Constraints: >= 0
overage Required	Decimal
	This field can have a null value.
	Constraints: >= 0
version Required	Decimal

Example Response

```
{
  "items": [
    {
      "usage_name": "storage",
      "locked": false,
      "infra_id": "019097a6-114f-4418-bd54-e01ef049f209",
      "quota": {
        "version": 0,
        "overage": null,
        "value": null
      },
      "edition": "standard",
      "measurement_unit": "bytes",
      "name": "storage",
      "application_id": "6e6d758d-8e74-3ae3-ac84-50eb0dff12eb",
      "status": 1,
      "type": "infra"
    },
    {
      "usage_name": "dr_storage",
      "locked": false,
      "infra_id": "debe7865-fa8d-4c16-8e26-adcf8d7fd23d",
      "quota": {
        "version": 0,
        "overage": null,
        "value": null
      },
      "edition": "standard",
      "measurement_unit": "bytes",
      "name": "dr_storage",
      "application_id": "6e6d758d-8e74-3ae3-ac84-50eb0dff12eb",
    }
  ]
}
```

```
    "status": 1,
    "type": "infra"
  },
  ...
  {
    "usage_name": "notary_storage",
    "locked": false,
    "quota": {
      "version": 0,
      "overage": null,
      "value": null
    },
    "edition": null,
    "measurement_unit": "bytes",
    "name": "notary_storage",
    "application_id": "f9c5744e-bd1a-36b6-b0f0-ecd7483e1796",
    "status": 1,
    "type": "count"
  },
  {
    "usage_name": "notarizations",
    "locked": false,
    "quota": {
      "version": 0,
      "overage": null,
      "value": null
    },
    "edition": null,
    "measurement_unit": "quantity",
    "name": "notarizations",
    "application_id": "f9c5744e-bd1a-36b6-b0f0-ecd7483e1796",
    "status": 1,
    "type": "count"
  },
  {
    "usage_name": "esignatures",
    "locked": false,
    "quota": {
      "version": 0,
      "overage": null,
      "value": null
    },
    "edition": null,
    "measurement_unit": "quantity",
    "name": "esignatures",
    "application_id": "f9c5744e-bd1a-36b6-b0f0-ecd7483e1796",
    "status": 1,
    "type": "count"
  }
]
}
```


Detailed Documentation

<https://developer.acronis.com/doc/account-management/v2/reference/index#/http/api-endpoints/tenants/set-tenant-offering-items>

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrzYUH2#832bbb7d-c66b-494d-9674-b3141a6c1911>

1.13 Get Tenants Batch

Fetches details about multiple tenants specified by their UUIDs or about child tenants of a specific tenant specified by its UUID.

HTTP Method

GET `https://{base_url}/api/2/tenants`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Parameters

Name	Description
<code>uuids</code> Query	String A comma separates tenant UUIDs.
<code>parent_id</code> Query	String The UUID of a tenant in which child tenants' details are fetched.
<code>with_contacts</code> Query	Boolean Flag instructing to display all referencing contacts in response.

Example Response

```
{
  "items": [
    {
      "language": "en",
      "customer_id": null,
      "ancestral_access": false,
      "mfa_status": "disabled",
      "version": 2,
      "kind": "partner",
      "parent_id": "531789f2-2be9-42af-8474-18177593c77b",
      "id": "88807dab-5c17-4ab0-8c3b-c0700edb59aa",
      "internal_tag": null,
      "contact": {
        "zipcode": null,
        "created_at": "2020-09-15T09:57:33+00:00",
        "email_confirmed": null,
        "website": null,
        "address2": null,
        "external_id": null,
        "updated_at": "2020-09-15T09:57:33+00:00",
      }
    }
  ]
}
```

```
    "lastname": "",
    "city": null,
    "phone": null,
    "title": null,
    "industry": null,
    "email": "",
    "address1": null,
    "country": null,
    "id": "eb64ea06-6049-4eab-8e55-349750434fa5",
    "state": null,
    "organization_size": null,
    "firstname": ""
  },
  "owner_id": null,
  "customer_type": "default",
  "has_children": false,
  "pricing_mode": "production",
  "brand_id": 7545,
  "enabled": true,
  "name": "Acronis Cyber Platform",
  "update_lock": {
    "enabled": false,
    "owner_id": null
  },
  "default_idp_id": "11111111-1111-1111-1111-111111111111",
  "contacts": [],
  "brand_uuid": "7bbee631-da82-47e1-8774-2843f4e81236"
},
{
  "language": "en",
  "customer_id": null,
  "ancestral_access": true,
  "mfa_status": "disabled",
  "version": 1,
  "kind": "partner",
  "parent_id": "531789f2-2be9-42af-8474-18177593c77b",
  "id": "29045b76-6666-4475-b14c-b24e4e19d5a0",
  "internal_tag": null,
  "contact": {
    "zipcode": null,
    "created_at": "2020-09-07T12:43:27+00:00",
    "email_confirmed": null,
    "website": null,
    "address2": null,
    "external_id": null,
    "updated_at": "2020-09-07T12:43:27+00:00",
    "lastname": "",
    "city": null,
    "phone": null,
    "title": null,
    "industry": null,
    "email": "",
    "address1": null,
```

```

        "country": null,
        "id": "45aa1c53-ca1a-4f46-8009-838a61b0e2ef",
        "state": null,
        "organization_size": null,
        "firstname": ""
    },
    "owner_id": null,
    "customer_type": "default",
    "has_children": false,
    "pricing_mode": "production",
    "brand_id": 7545,
    "enabled": true,
    "name": "MyFirstPartner",
    "update_lock": {
        "enabled": false,
        "owner_id": null
    },
    "default_idp_id": "11111111-1111-1111-1111-111111111111",
    "contacts": [],
    "brand_uuid": "7bbee631-da82-47e1-8774-2843f4e81236"
}
]
}

```

Detailed Documentation

<https://developer.acronis.com/doc/account-management/v2/reference/index#/http/api-endpoints/tenants/get-tenants-batch>

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrzYuH2#11fa55e9-a04c-4825-bc70-d4ef10d1e62a>

1.14 Switch Edition Dry Run

Performs edition switching check (in dry run mode)

HTTP Method

GET

`https://{{base_url}}/api/2/tenants/{tenant_id}/edition?application_id={application_id}&target_edition={target_edition}`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Parameters

Name	Description
<code>application_id</code> Query	String An application id for that edition.
<code>target_edition</code> Query	String Target edition name in API
<code>tenant_id</code> url	String

The UUID of a tenant for which edition switch dry run will be done.

Example Response

```
{
  "warnings": [
    "NewFeaturesBecomeAvailable",
    "AllDevicesWithBackupsPreserved",
    "UsageStatisticsWillMigrate",
    "AllPlansWillRemainWorking"
  ]
}
```

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrYuH2#41e802d1-c08b-47f8-9318-d84f24b408ba>

1.15 Switch Edition

Performs edition switching

HTTP Method

PUT `https://{{base_url}}/api/2/tenants/{tenant_id}/edition`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Content-Type

`application/json`

Parameters

Name	Description
<code>application_id</code> Body	String An application id for that edition.
<code>target_edition</code> Body	String Target edition name in API
<code>tenant_id</code> url	String The UUID of a tenant for which edition switch dry run will be done.

Example Request

```
{
  "application_id": "{{application_id}}",
  "target_edition": "{{target_edition}}"
}
```

Example Response

```

{
  "items": [
    {
      "application_id": "6e6d758d-8e74-3ae3-ac84-50eb0dff12eb",
      "measurement_unit": "bytes",
      "locked": false,
      "status": 1,
      "name": "pw_storage",
      "edition": "per_workload",
      "quota": {
        "value": null,
        "overage": null,
        "version": 0
      },
      "infra_id": "019097a6-114f-4418-bd54-e01ef049f209",
      "usage_name": "storage",
      "type": "infra"
    },
    ...
    {
      "application_id": "6e6d758d-8e74-3ae3-ac84-50eb0dff12eb",
      "measurement_unit": "quantity",
      "locked": false,
      "status": 1,
      "name": "pw_o365_teams",
      "edition": "per_workload",
      "quota": {
        "value": null,
        "overage": null,
        "version": 0
      },
      "usage_name": "o365_teams",
      "type": "count"
    }
  ]
}

```

Postman Usage Example

<https://documenter.getpostman.com/view/5763797/SzrzYuH2#68b16570-4152-41d3-979d-18a987b163e3>

1.16 Get value to check is legacy editions is limited

It is possible to limit possibility to use Legacy editions in Management Portal UI using API:

- Prohibit creation of a new customer in the Legacy edition
- Prohibit switching of an existing customer from new licensing to Legacy edition

This can be managed by using `hide_legacy_editions` setting on tenant level using API. Set value of `hide_legacy_editions` parameter to **true** to limit legacy editions usage

It allows to maintain existing customer and partner base and disable manual legacy edition creation through UI under the same root distributor tenant

It's a [Get an Application Setting for a Tenant](#) call with **application_id** equal 7459244f-68f3-3bf4-9f53-5f63ecc1d91f and **setting_name** equal `hide_legacy_editions`. This is **application_id** for the Management Portal, and `hide_legacy_editions` provide a flag for a partner tenant indicates if the legacy editions are hidden or not.

HTTP Method

GET `https://{base_url}/api/2/applications/7459244f-68f3-3bf4-9f53-5f63ecc1d91f/settings/tenants/{tenant_id}/hide_legacy_editions`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Parameters

Name	Description
<code>tenant_id</code> Template Required	String
	Tenant ID (UUID)

Constraints: *Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4}-){3}[0-9a-f]{12}*

Example Response

```
{
  "own": {
    "exclusive": false,
    "lock": false,
    "value": true
  },
  "effective": {
    "lock": false,
    "owner": {
      "id": "f2f08886-27cf-44c7-bd6a-96a86dca7e8b",
      "type": "tenant"
    },
    "value": true
  },
  "name": "hide_legacy_editions"
}
```

1.17 Limit legacy editions use

It is possible to limit possibility to use Legacy editions in Management Portal UI using API:

- Prohibit creation of a new customer in the Legacy edition
- Prohibit switching of an existing customer from new licensing to Legacy edition

This can be managed by using `hide_legacy_editions` setting on tenant level using API. Set value of `hide_legacy_editions` parameter to **true** to limit legacy editions usage

It's a [Update an Application Setting for a Tenant](#) call with **application_id** equal 7459244f-68f3-3bf4-9f53-5f63ecc1d91f and **setting_name** equal `hide_legacy_editions`. This is

application_id for the Management Portal, and **hide_legacy_editions** provide a flag for a partner tenant indicates if the legacy editions are hidden or not.

HTTP Method

PUT `https://{base_url}/api/2/applications/7459244f-68f3-3bf4-9f53-5f63ecc1d91f /settings/tenants/{tenant_id}/hide_legacy_editions`

Authorization

Bearer Authorization, `access_token` from [Produce an IDP Token](#) call as a bearer.

Content-Type

application/json

Parameters

Name	Description
tenant_id Template Required	String Tenant ID (UUID) Constraints: <i>Minimum Length: 36, Maximum Length: 36, Pattern: [0-9a-f]{8}-([0-9a-f]{4}-){3}[0-9a-f]{12}</i>
body Body Required	Tire Level Value Put

Tire Level Value Put

Name	Description
value	String Value of the setting
lock	Boolean The flag that controls whether the value can be overridden at another tenant's level

Example Body

```
{
  "value": "true"
}
```

Example Response

```
{
  "own": {
    "exclusive": false,
    "lock": false,
    "value": true
  },
  "effective": {
    "lock": false,
    "owner": {
      "id": "f2f08886-27cf-44c7-bd6a-96a86dca7e8b",
      "type": "tenant"
    },
    "value": true
  },
  "name": "hide_legacy_editions"
}
```