Barracuda MSP REST API for the Portal Reference Guide

Version 1.6

February 2021



Revision

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Introduction

This chapter includes the following topics:

- Audience
- About This Document
- Related Documentation
- Partner Support

Audience

This document is intended for ECHOplatform REST API programmers making modifications to the ECHOplatform portal.

Related Documentation

The following documentation is available:

- *ECHOplatform Backup and Restore Reference Guide* – provides details on how to perform backups and restores for each backup type.
- *ECHOplatform Best Practices Partner Guide* - provides details on best practices for performing backups and restores.
- *ECHOplatform Quick Start Partner Guide* - provides information about setting your preferences, creating templates, and installing the software.
- *Autotask Integration Guide* - provides information about setting up Autotask integration with the Backup Agent.
- *ConnectWise Integration Guide* - provides information about setting up ConnectWise integration with the Backup Agent.

Partner Support

Partner Support is available 8 AM to 9 PM (EST).

Phone: 800.569.0155 or 617.948.5300

Email: support@barracudamspmsp.com

You also can use the live chat service 8 AM to 6 PM (EST).

Click the following link:

Link: http://www.barracudamsp.com/support/contact.php

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1 Getting Started

This chapter includes the following topics:

- Overview
- Register client application
- Obtain an access token
- Make requests

1.1 Overview

You must perform the following tasks to use the ECHOplatform REST API:

Stage	What needs to happen
1	Register client application
2	Obtain an access token
3	Make requests

1.1.1 Register client application

Before a client can start making requests to the ECHOplatform REST API, they must register their application with Barracuda.

Barracuda requires the following information:

- A contact name
- Company
- Email address
- Name of the client's application

If the client is not a Barracuda customer, then a redirect URI also must be registered for authentication.

Barracuda supplies the client with a client ID and secret code, which are both a 32-digit hexadecimal number.

1.1.2 Obtain an access token

Using the registered client ID, secret code, and redirect URI, the client requests an access token from the authorization server.

1.1.3 Make requests

Using the access token granted by the authorization server, the client then can request resources from the ECHOplatform REST API. When the access token expires, obtain a new access token before making additional requests.

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2 Authentication

2.1 Introduction

ECHOplatform's REST API uses the OAuth 2.0 protocol for authentication and authorization to protect our customer's data. The protocol supports multiple flows so users can be authenticated to the needs of the application. All requests are transmitted securely via TLS/SSL.

Once a Barracuda customer authorizes the application, the application can access the customer's owned data. The customer can authorize several permission scopes controlling how much data an application can access.

Barracuda supports OAuth 2.0 draft 10.

2.2 Client Profiles

Authentication involves requesting an access token from Barracuda's authentication server. Once an access token has been granted, it is used to request resources from the API server. Barracuda supports two profiles depending on the relationship of the client application.

If the client application is a customer of Barracuda, then they follow the client credentials profile.

2.2.1 Web Server

The web server profile fits those clients who are not Barracuda customers. Non-Barracuda customers should not record the Barracuda customer's credentials, but redirect the end-users to the Barracuda authentication server to handle authenticating and authorizing the client for that end-user.

2.2.1.1Requesting an Access Token

The web server profile involves the application redirecting the end-user's agent to Barracuda's authorization server.

After the end-user authenticates using their Barracuda username and password, the user is asked for authorization to the client application.

If allowed, the client application receives an authorization code, which the user can turn in for an access token and a refresh token.

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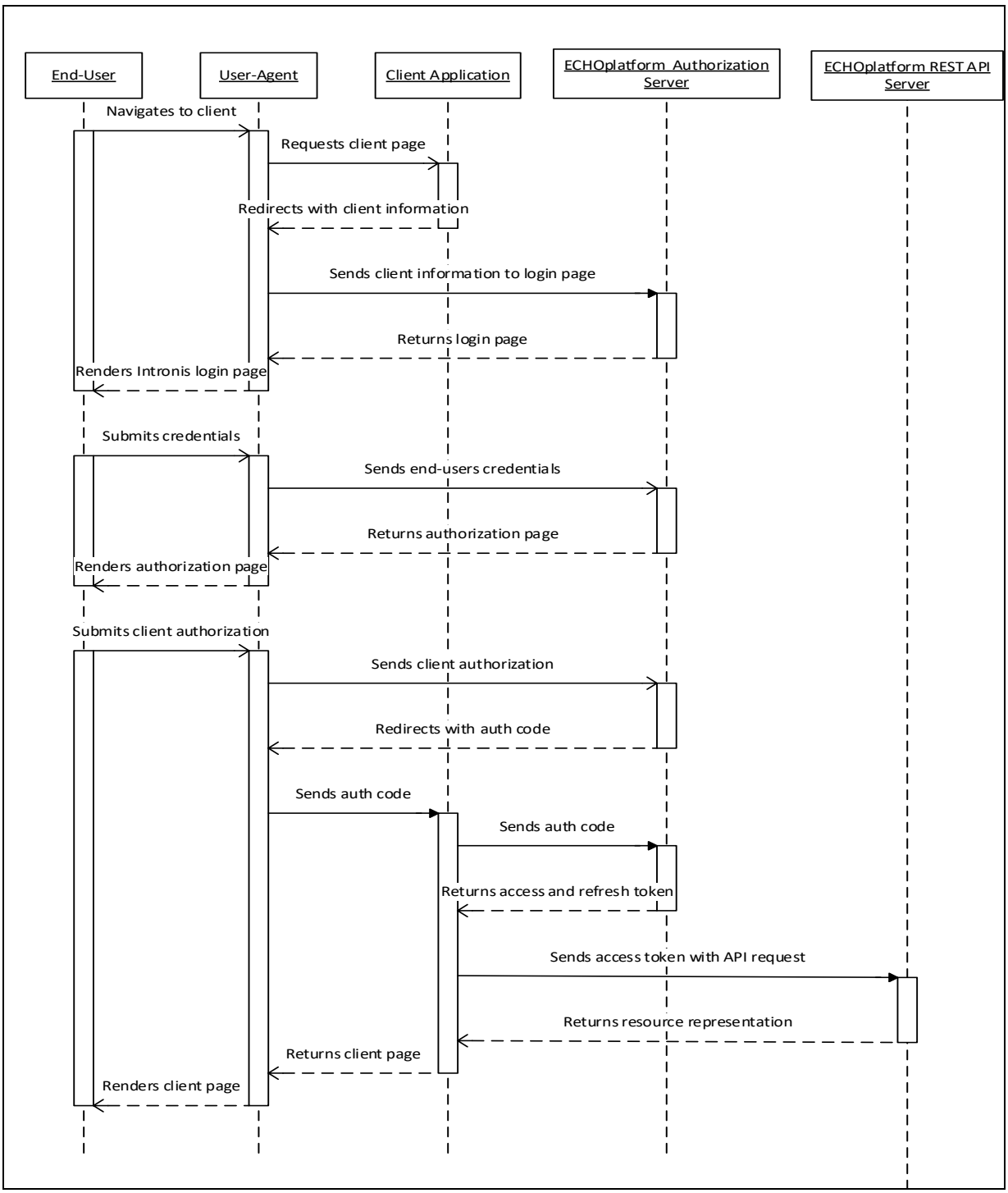


Figure 1. Web Server Profile – Authenticating from End-user.

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1. Redirect users who wish to authenticate to:

```
https://auth.intronis.com/oauth2/authorize
?client_id={REGISTERED_CLIENT_ID}
&response_type=code
&redirect_uri={REGISTERED_REDIRECT_URI}
&scope={SCOPE}
```

2. If the end-user grants authorization, they are redirected back to:

```
https://{REGISTERED_REDIRECT_URI}/?code={AUTHORIZATION_CODE}
```

3. The client server makes a request to:

```
POST /oauth2/token HTTP/1.1
Host: auth.intronis.com
Content-Type: application/x-www-form-urlencoded

client_id={REGISTERED_CLIENT_ID}&
client_secret={REGISTERED_CLIENT_SECRET}&
grant_type=authorization_code&
redirect_uri={REGISTERED_REDIRECT_URI}&
code={AUTHORIZATION_CODE}&
scope={SCOPE}
```

4. The response is in JSON:

```
{
  "access_token": "{ACCESS_TOKEN}",
  "expires_in": "3600",
  "refresh_token": "{REFRESH_TOKEN}"
}
```

5. The client saves this information for making API requests

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2.2.1.2 Refreshing an Access Token

Access tokens have a short lifetime while the refresh token has a long lifetime. After the access token expires, the client application can turn in the refresh token for a new access token without having to involve the end-user.

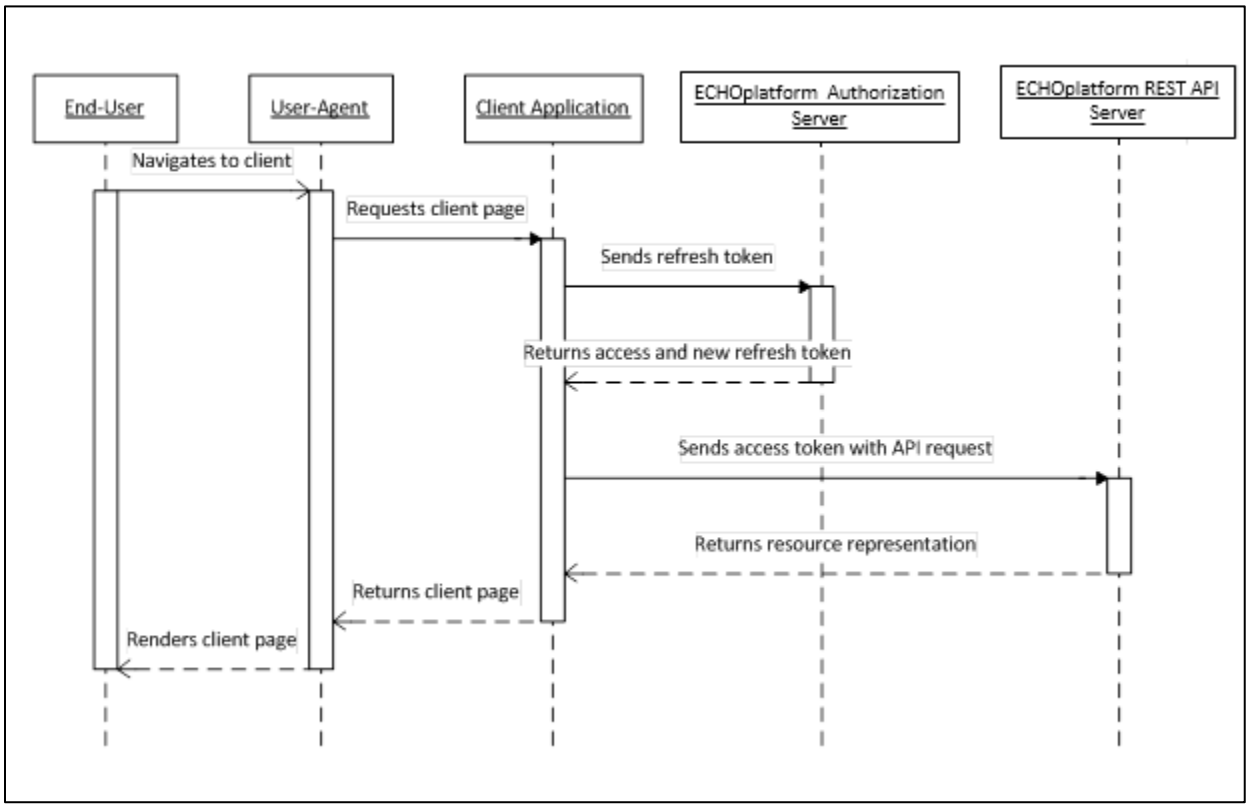


Figure 2. Web Server Profile – Authenticating from Refresh Token.

1. The client server makes a request to:

```
POST /oauth2/token HTTP/1.1
Host: auth.intronis.com
Content-Type: application/x-www-form-urlencoded

client_id={REGISTERED_CLIENT_ID}&
client_secret={REGISTERED_CLIENT_SECRET}&
grant_type=refresh_token&
refresh_token={REFRESH_TOKEN}&
scope={SCOPE}
```

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2. The response is in JSON:

```
{
  "access_token": "{ACCESS_TOKEN}",
  "expires_in": "3600",
  "refresh_token": "{REFRESH_TOKEN}"
}
```

3. The client saves this information for making API requests

2.2.2 Client Credentials

The client credentials profile fits those clients who are Barracuda customers. They should not need to send end-users to barracuda to authenticate and authorize the client because the client owns that customer's information.

2.2.2.1 Requesting an Access Token

The client application can send their client credentials for an access token for their Barracuda customer without having to involve the end-user.

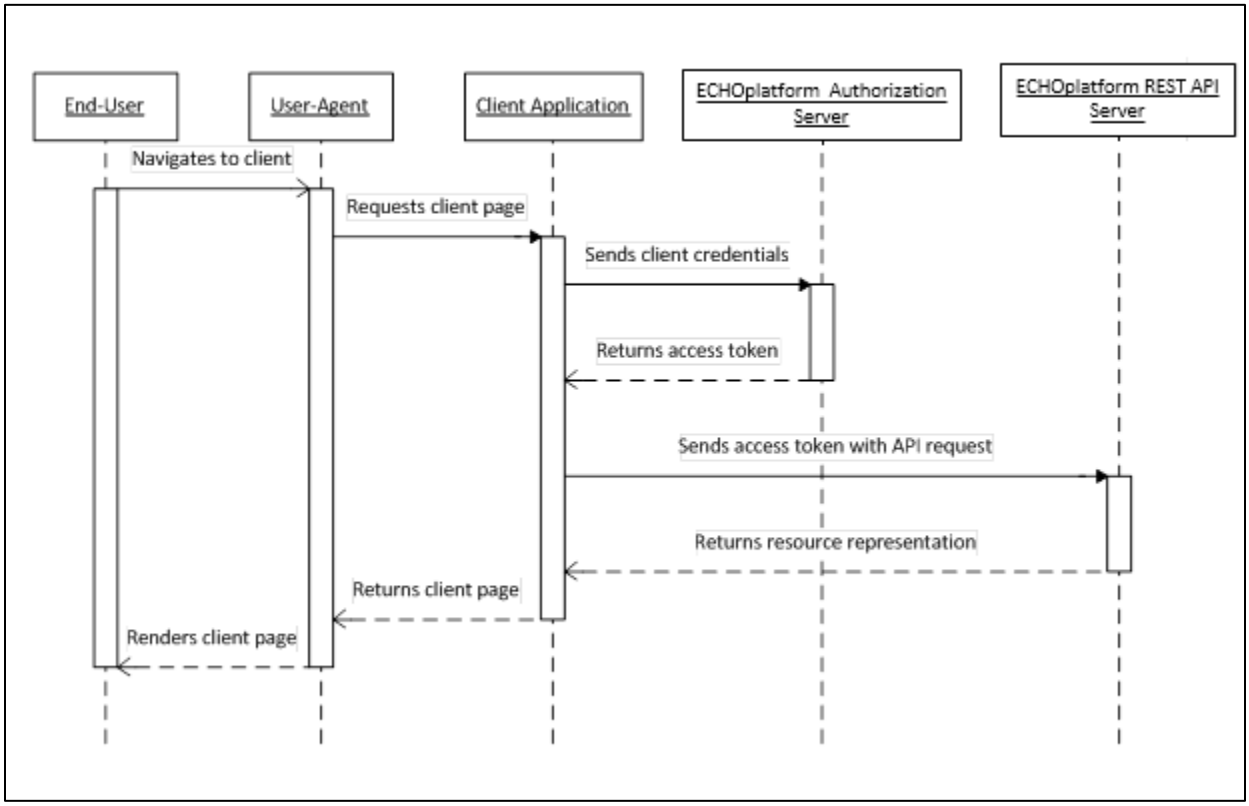


Figure 3. Client Credentials – Authenticating.

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1. The client server makes a request to:

```
POST /oauth2/token HTTP/1.1
Host: auth.intronis.com
Content-Type: application/x-www-form-urlencoded

client_id={REGISTERED_CLIENT_ID}&
client_secret={REGISTERED_CLIENT_SECRET}&
grant_type=none&
scope={SCOPE}
```

2. The response is in JSON:

```
{
  "access_token": "{ACCESS_TOKEN}",
  "expires_in": "3600"
}
```

3. The client saves this information for making API requests

2.3 Scope

Resources are protected by various scopes and the end-user must authorize the client for a particular scope. For example, the end-user might only to want grant the client a read-only scope. The client must send the scopes to be authorized when requesting an access token. The client can send multiple scopes that are space delimited (separated by a '+' when formatted in application/x-www-form-urlencoded).

2.4 Errors

In addition to the OAuth2 required 'error' parameter, Barracuda returns additional information for developers in the optional 'error_description' parameter.

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3 ECHOplatform REST API

The ECHOplatform REST API is a RESTful web service implemented using HTTP and principles such as referencing resources by a URI, manipulating resources by using the standard HTTP methods (GET, PUT, POST, and DELETE), and exchanging representations of the resource in a negotiated media type format. GET requests are safe and GET, PUT, and POST are idempotent.

3.1 Making Requests

After obtaining an access token from the authorization server, the client can make API requests to resources. The access token is sent by including the Authorization header in the HTTP request.

```
GET /v1/general/time HTTP/1.1
Host: api.intronis.com
Authorization: OAuth {ACCESS_TOKEN}
Accept: application/json
```

3.1.1 Headers

A request must contain the Authorization header with the OAuth 2 access token. A request must contain the Accept header and possibly the Content-Type header with a value of either application/json or application/xml. Only one media type should be sent and must be encoded in UTF-8. A request can contain the Accept-Encoding to receive a compressed response.

Request Header	Required?	Values
Authorization	Yes	OAuth {ACCESS_TOKEN}
Accept	Yes	application/json or application/xml
Content-Type	Yes – for PUT, POST requests	application/json or application/xml
Accept-Encoding	No	gzip, compress, or deflate

3.1.2 Errors

The client application should be able to handle any 4xx or 5xx HTTP error status code. Specific error status codes are as follows.

Status Code	Description
400 Bad Request	There was an error with the contents of the request. An error object representation will be included in the response's body.
401 Unauthorized	The access token provided is invalid or expired.
403 Forbidden	The access token does not grant scope to the requested resource.
404 Not Found	The requested resource does not exist.
405 Method Not Allowed	The requested method to the resource is not allowed.
406 Not Acceptable	An Accept-* header in the request is not supported by the server.
500 Internal Server Error	An error occurred on the server.
503 Service Unavailable	A dependent service was unavailable. The request can be attempted later.

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3.2 Objects

Scalar types (int, decimal, string, bool) follow standard definitions. Objects are an unordered set of name/value pairs and the order is not guaranteed. Arrays of objects are ordered and the order is guaranteed between two identical requests.

3.2.1 Collections

Collections are objects that contain a list of objects that has additional attributes to help simplify pagination.

Attributes	• page (int) – Current page number request • page_size (int) – Max size of page requested • count (int) – total number of objects in all pages • links (link objects) – a number of navigation links to first page, next page (if exists), and previous page (if exists) • list (objects) – array of objects returned

The list attribute differs between JSON and XML as XML already includes the links and the list in a root element, where JSON does not.

Content-Type	Collection Example

application/JSON	<pre>{
	  "page": 1,
	  "page_size": 10,
	  "count": 1,
	  "links": [
	  {
	  "rel": "first",
	  "href":
	"https://api.intronis.com/v1/general/cancellation_reasons?page=1"
	  }
	  ],
	  "list": [
	  {
	  "reason_id": 1,
	  "description": "Customer has gone out of business",
	  "requires_note": false
	  }
	  ]
	}</pre>

application/XML	<pre><?xml version="1.0" encoding="UTF-8"?>
	<list page="1" page_size="10" count="1">
	  <link rel="first"
	href="https://api.intronis.com/v1/general/cancellation_reasons?page=1"/>
	  <reason>
	  <reason_id>1</reason_id>
	  <description>Customer has gone out of business</description>
	  <requires_note>false</requires_note>
	  </reason>
	</list></pre>

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3.2.2 Link Objects

Link objects always contain 2 attributes: rel and href. These carry the same meanings as the link tag in HTML. The rel attribute value can used to give context to the href value.

rel value	href meaning
self	The location of the resource the link is contained within
first	The location of the first page of the given list.
prev	The location of the next page of the given list.
next	The location of the previous page of the given list.

Content-Type	Link Example
application/JSON	`{ "rel": "self", "href": "https://api.intronis.com/v1/partners/barracuda" }`
application/XML	`<link rel="self" href="https://api.intronis.com/v1/partners/barracuda" />`

The title attribute can be used in xml to give the link a name.

Content-Type	Link Example
application/JSON	`"title: "info", "rel": "related", "href": "https://api.intronis.com/v1/partners/barracuda/info" }`
application/XML	`<link title="info" rel="self" href="https://api.intronis.com/v1/partners/barracuda/info" />`

3.2.3 String Constants

String constants are specially defined strings that are in uppercase. The values are defined for each resource.

3.2.3.1 Multiple String Constants in Queries

Some Query Select Parameters allow multiple string constants to be sent by separating them by commas.

Description	URL Example
Single String Constant Query	https://api.intronis.com/v1/partners/barracuda/reports/backup_status ?condition_status=FAILURE
Multiple String Constant Query	https://api.intronis.com/v1/partners/barracuda/reports/backup_status ?condition_status=WARNING,FAILURE

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3.2.4 Dates

Dates are represented as strings in ISO8601 format (http://www.w3.org/TR/NOTE-datetime).

3.2.5 Error Objects

Error objects always contain 2 string attributes: error_code and error_description.

Content-Type	Link Example

application/JSON	`{`
	`  "error_code": "invalid_characters",`
	`  "error_description": "address contains invalid characters"`
	`}`

application/XML	`<error>`
	`  <error_code>invalid_characters</error_code>`
	`  <error_description>address contains invalid characters</error_description>`
	`</error>`

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4 ECHOplatform REST API Reference

Note: With the exception of 4.1 (creating an account, which requires that a subpartner is passed) when manipulating accounts or computers beneath a subpartner, no special parameters are required. As long as the account username POST /v1/accounts passed resides beneath the authenticated partner all calls will work.

4.1 Account Creation Controller

URI	/v1/accounts
URI Parameters	• n/a
Methods	POST

4.1.1 POST /v1/accounts

Creates a new account with the given properties. If "subpartner" is passed, the new account is created for this sub-partner.

Scope	accounts_write
Request Body Parameters	• username (string) • password (string) • name (string) • company (string) • street_address (string) • street_address2 (string) • city (string) • state (string) • zip (string) • country (string) - deprecated • country_iso (string) • email (string) • phone (string) • plan_id (int) • subpartner (string) – sub-partner's username (optional) • pricing_plan_id(int) – required for package partner
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/accounts HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "username": "barracuda",
  "password": "ps8wEzeT",
  "name": "John Smith",
  "company": "barracuda",
  "street_address": "334 Congress Street",
  "street_address2": "",
  "city": "Boston",
```

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```
  "state": "MA",
  "zip": "02210",
  "country": "USA",
  "country_iso": "US",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "plan_id": 10,
 "pricing_plan_id": 222
}
Or
{
  "username": "barracuda",
  "password": "ps8wEzeT",
  "name": "John Smith",
  "company": "barracuda",
  "street_address": "334 Congress Street",
  "street_address2": "",
  "city": "Boston",
  "state": "MA",
  "zip": "02210",
  "country": "USA",
  "country_iso": "US",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "plan_id": 10,
 "subpartner":"barracuda-sub"
 }
or
{
  "username": "barracuda",
  "password": "ps8wEzeT",
  "name": "John Smith",
  "company": "barracuda",
  "street_address": "334 Congress Street",
  "street_address2": "",
  "city": "Boston",
  "state": "MA",
  "zip": "02210",
  "country": "USA",
  "country_iso": "US",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "plan_id": 10
 }
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/accounts/barracuda
```

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Example XML

Request:

```
POST /v1/accounts HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8" ?>
<account>
  <username>barracuda</username>
  <password>ps8wEzeT</password>
  <name>John Smith</name>
  <company>barracuda</company>
  <street_address>334 Congress Street</street_address>
  <street_address2/>
  <city>Boston</city>
  <state>MA</state>
  <zip>02210</zip>
  <country>USA</country>
  <country_iso>US</country_iso>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
  <plan_id>10</plan_id>
  <pricing_plan_id>222</plan_id>
</account>
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/accounts/barracuda
```

4.2 Account

URI	/v1/accounts/{username}
URI Parameters	username (string)
Methods	GET

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4.2.1 GET /v1/accounts/{username}

Gets an account's information.

Scope	accounts_read
Request Body Parameters	• n/a
Response Attributes	• account_id (int) • username (string) • signup_date (date) • status (string const) - ACTIVE|TEST|FROZEN|CANCELED • usage (int) - number of bytes stored • reference_code (string) • info (link object) • action_history (link object) • usage_history (link object) • addresses (link object) • cancellation (link object) • available_plans (link object) • computers (link object) • reports (link object) • password (link object)

Example JSON

Request:

```
GET /v1/accounts/barracuda HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "account_id": 10,
  "username": "barracuda",
  "signup_date": "2011-01-01T09:00:00-05:00",
  "status": "ACTIVE",
  "usage": 1099511627776,
  "reference_code": "acct-123",
  "links": [
    {
      "title": "info",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/info"
    },
    {
      "title": "action_history",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/action_history"
    },
    {
      "title": "usage_history",
      "rel": "related",
```

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```
      "href": "https://api.intronis.com/v1/accounts/barracuda/usage_history"
    },
    {
      "title": "addresses",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/addresses"
    },
    {
      "title": "cancellation",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/cancellation"
    },
    {
      "title": "available_plans",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/available_plans"
    },
    {
      "title": "computers",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/computers"
    },
    {
      "title": "reports",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/reports"
    },
    {
      "title": "password",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/password"
    }
  ]
}
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<account>
  <account_id>10</account_id>
  <username>barracuda</username>
  <signup_date>2011-01-01T09:00:00-05:00</signup_date>
  <status>ACTIVE</status>
  <usage>1099511627776</usage>
  <reference_code>acct-123</reference_code>
  <link title="info" rel="related" href="https://api.intronis.com/v1/accounts/barracuda/info"/>
  <link title="action_history" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/action_history"/>
  <link title="usage_history" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/usage_history"/>
  <link title="addresses" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/addresses"/>
  <link title="cancellation" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/cancellation"/>
  <link title="available_plans" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/available_plans"/>
  <link title="computers" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/computers"/>
</account>
```

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Example XML

Request:

```
GET /v1/accounts/barracuda HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

4.3 Account Info

URI	/v1/accounts/{username}/info
URI Parameters	• username (string)
Methods	GET, PUT

4.3.1 GET /v1/accounts/{username}/info

Gets an account's customer controllable properties.

Scope	accounts_read
Request Body Parameters	• n/a
Response Attributes	• reference_code (string)

Example JSON

Request:

```
GET /v1/accounts/barracuda/info HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "reference_code": "acct-123"
}
```

Example XML

Request:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<account>
  <reference_code>acct-123</reference_code>
</account>
```

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4.3.2 PUT /v1/accounts/{username}/info

Edits an account's customer controllable properties.

Scope	accounts_write
Request Body Parameters	• reference_code (string)
Response Attributes	• n/a

Example JSON

Request:

```
PUT /v1/accounts/barracuda/info HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "reference_code": "acct-123"
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
PUT /v1/accounts/barracuda/info HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<account>
  <reference_code>acct-123</reference_code>
</account>
```

Response:

```
HTTP/1.1 204 No Content
```

4.4 Account Action History List

URI	/v1/accounts/{username}/action_history
URI Parameters	• username (string)
Methods	GET

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4.4.1 GET /v1/accounts/{username}/action_history

Gets an account's action history (version 3.0+ only).

Scope	accounts_read
Query Selector Parameters	• since (date) • type (string const) – BACKUP|RESTORE|DELETE – If no type is specified, then all types will be returned • status (string const) – UNINITIALIZED|RUNNING|PAUSED|SUCCESS|CANCELING|CANCELED|ERROR – If no status is specified, then all statuses will be returned
Query Pagination Parameters	• page (int) – the page number to show (min 1, default 1) • page_size (int) – the number of actions per page (min 1, max 50, default 10)
Query Sorting Parameters	• order_by (string const) – LOCAL_START|TYPE|STATUS • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• action_id (int) • username (string) • computer_id (string) • type (string const) – BACKUP|RESTORE|DELETE • backupset_name (string) – name of the backup set for BACKUP action types • plugin (string const) – FILE|SQL|EXCHANGE • status (string const) – UNINITIALIZED|RUNNING|PAUSED|SUCCESS|CANCELING|CANCELED|ERROR • local_start (date) – local computer's start date • local_end (date) – local computer's last update/end date • total_files (int) – number of files to be processed • processed_files (int) – number of files that have been processed • bytes (int) – number of bytes transferred • condition_status (string const) – COMPLETED|RUNNING|WARNING|FAILURE • condition_types (array of strings) – one or more of COMPLETED, RUNNING, WARNINGS, CANCELED, ERRORS, MISSED, EXCEPTION, NO_DATA_RESTORED, NO_DATA_DELETED, NO_FILE_DATA_BACKED_UP, or NO_EXCHANGE_OR_SQL_DATA_BACKED_UP • errors (int) – number of logged errors • warnings (int) – number of logged warnings

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Example JSON

Request:

```
GET /v1/accounts/barracuda/action_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/accounts/barracuda/action_history?page=1"
    },
    {
      "rel": "next",
      "href": "https://api.intronis.com/v1/accounts/barracuda/action_history?page=2"
    }
  ],
  "list": [
    {
      "action_id": 10,
      "username": "barracuda",
      "computer_id": "0000",
      "type": "RESTORE",
      "backupset_name": "",
      "plugin": "FILE",
      "status": "RUNNING",
      "local_start": "2011-01-01T09:00:00-05:00",
      "local_end": "",
      "total_files": 100,
      "processed_files": 50,
      "bytes": 2147483648,
      "condition_status": "RUNNING",
      "condition_types ": [
        "RUNNING"
      ],
      "errors": 0,
      "warnings": 0
    },
    {
      "action_id": 10,
      "username": "barracuda",
      "computer_id": "0001",
      "type": "BACKUP",
      "backupset_name": "My Docs",
      "plugin": "FILE",
      "status": "COMPLETED",
      "local_start": "2011-01-01T03:00:00-05:00",
      "local_end": "2011-01-01T04:00:00-05:00",
      "total_files": 100,
      "processed_files": 100,
      "bytes": 5368709120,
      "condition_status": "WARNING",
      "condition_types ": [
        "WARNINGS",
        "CANCELED"
      ],
```

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```
      "errors": 0,
      "warnings": 2
    }
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/action_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="10" count="100">
  <link rel="first" href="https://api.intronis.com/v1/accounts/barracuda/action_history?page=1"/>
  <link rel="next" href="https://api.intronis.com/v1/accounts/barracuda/action_history?page=2"/>
  <action>
    <action_id>10</action_id>
    <username>barracuda</username>
    <computer_id>0000</computer_id>
    <type>RESTORE</type>
    <backupset_name/>
    <plugin>FILE</plugin>
    <status>RUNNING</status>
    <local_start>2011-01-01T09:00:00-05:00</local_start>
    <local_end/>
    <total_files>100</total_files>
    <processed_files>50</processed_files>
    <bytes>2147483648</bytes>
    <condition_status>RUNNING</condition_status>
    <condition_types>RUNNING</condition_types>
    <errors>0</errors>
    <warnings>0</warnings>
  </action>
  <action>
    <action_id>10</action_id>
    <username>barracuda</username>
    <computer_id>0001</computer_id>
    <type>BACKUP</type>
    <backupset_name>My Docs</backupset_name>
    <plugin>FILE</plugin>
    <status>COMPLETED</status>
    <local_start>2011-01-01T03:00:00-05:00</local_start>
    <local_end>2011-01-01T04:00:00-05:00</local_end>
    <total_files>100</total_files>
    <processed_files>100</processed_files>
    <bytes>5368709120</bytes>
    <condition_status>WARNING</condition_status>
    <condition_types>WARNINGS</condition_types>
    <condition_types>CANCELED</condition_types>
    <errors>0</errors>
    <warnings>2</warnings>
  </action>
</list>
```

4.5 Account Usage History List

URI	/v1/accounts/{username}/usage_history

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URI Parameters	• username (string)
Methods	GET

4.5.1 GET /v1/accounts/{username}/usage_history

Scope	accounts_read
Query Selector Parameters	• start_date (date) • end_date (date) • resolution (string const) – DAY|WEEK|MONTH|CUSTOM • custom (int) – number of days between dates (min 1, max 60, default 1)
Query Pagination Parameters	• page (int) – the page number to show (min 1, default 1) • page_size (int) – the number of actions per page (min 1, max 90, default varies: 30 DAY, 26 WEEK, 12 MONTH, 30 CUSTOM)
Query Sorting Parameters	• order_by (string const) – DATE • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• date (date) • bytes (int) – number of bytes stored

Example JSON

Request:

```
GET /v1/accounts/barracuda/usage_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/accounts/barracuda/usage_history?page=1"
    },
    {
      "rel": "next",
      "href": "https://api.intronis.com/v1/accounts/barracuda/usage_history?page=2"
    }
  ],
  "list": [
    {
      "date": "2011-01-01T00:00:00-05:00",
      "bytes": 4368709120
    },
    {
```

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```
      "date": "2011-01-02T00:00:00-05:00",
      "bytes": 5368709120
    }
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/usage_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="10" count="100">
  <link rel="first" href="https://api.intronis.com/v1/accounts/barracuda/usage_history?page=1"/>
  <link rel="next" href="https://api.intronis.com/v1/accounts/barracuda/usage_history?page=2"/>
  <usage>
    <date>2011-01-01T00:00:00-05:00</date>
    <bytes>4368709120</bytes>
  </usage>
  <usage>
    <date>2011-01-02T00:00:00-05:00</date>
    <bytes>5368709120</bytes>
  </usage>
</list>
```

4.6 Account Addresses

URI	/v1/accounts/{username}/addresses
URI Parameters	• username (string)
Methods	GET, PUT

4.6.1 GET /v1/accounts/{username}/addresses

Gets an account's addresses.

Scope	accounts_read
Request Body Parameters	• n/a
Response Attributes	• contact (object) — name (string) — company (string) — street_address (string) — street_address2 (string) — city (string) — state (string) — zip (string) — country (string) – deprecated — country_iso (string) — email (string)

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	— phone (string) • billing (object) — name (string) — company (string) — street_address (string) — street_address2 (string) — city (string) — state (string) — zip (string) — country (string) – deprecated — country_iso (string) — email (string) — phone (string)

Example JSON

Request:

```
ET /v1/accounts/barracuda/addresses HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "contact": {
    "name": "John Smith",
    "company": "barracuda",
    "street_address": "334 Congress Street",
    "street_address2": "",
    "city": "Boston",
    "state": "MA",
    "zip": "02210",
    "country": "USA",
    country_iso": "US",
    "email": "jsmith@barracuda.com",
    "phone": "617-948-5300"
  },
  "billing": {
    "name": "John Smith",
    "company": "barracuda",
    "street_address": "334 Congress Street",
    "street_address2": "",
    "city": "Boston",
    "state": "MA",
    "zip": "02210",
    "country": "USA",
    country_iso": "US",
    "email": "jsmith@barracuda.com",
    "phone": "617-948-5300"
  }
}
```

Example XML

Request:

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```
PUT /v1/accounts/barracuda/addresses HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<addresses>
  <contact>
    <name>John Smith</name>
    <company>barracuda</company>
    <street_address>334 Congress Street</street_address>
    <street_address2/>
    <city>Boston</city>
    <state>MA</state>
    <zip>02210</zip>
    <country>USA</country>
    <country_iso>US</country_iso>
    <email>jsmith@barracuda.com</email>
    <phone>617-948-5300</phone>
  </contact>
  <billing>
    <name>John Smith</name>
    <company>barracuda</company>
    <street_address>334 Congress Street</street_address>
    <street_address2/>
    <city>Boston</city>
    <state>MA</state>
    <zip>02210</zip>
    <country>USA</country>
    <country_iso>US</country_iso>
    <email>jsmith@barracuda.com</email>
    <phone>617-948-5300</phone>
  </billing>
</addresses>
```

Response:

```
HTTP/1.1 204 No Content
```

4.6.2 PUT /v1/accounts/{username}/addresses

Edits an account's addresses.

Scope	accounts_write
Request Body Parameters	• n/a
Request Body Parameters	— contact (object) — name (string) — company (string) — street_address (string) — street_address2 (string) — city (string) — state (string) — zip (string) — country (string) - deprecated — country_iso (string) — email (string) — phone (string) — billing (object)

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	— name (string) — company (string) — street_address (string) — street_address2 (string) — city (string) — state (string) — zip (string) — country (string) - deprecated — country_iso (string) — email (string) — phone (string)
Response Attributes	• n/a

Example JSON

Request:

```
PUT /v1/accounts/barracuda/addresses HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "contact": {
    "name": "John Smith",
    "company": "barracuda",
    "street_address": "334 Congress Street",
    "street_address2": "",
    "city": "Boston",
    "state": "MA",
    "zip": "02210",
    "country": "USA",
    "country_iso": "US",
    "email": "jsmith@barracuda.com",
    "phone": "617-948-5300"
  },
  "billing": {
    "name": "John Smith",
    "company": "barracuda",
    "street_address": "334 Congress Street",
    "street_address2": "",
    "city": "Boston",
    "state": "MA",
    "zip": "02210",
    "country": "USA",
    "country_iso": "US",
    "email": "jsmith@barracuda.com",
    "phone": "617-948-5300"
  }
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
PUT /v1/accounts/barracuda/addresses HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

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```
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<addresses>
  <contact>
    <name>John Smith</name>
    <company>barracuda</company>
    <street_address>334 Congress Street</street_address>
    <street_address2/>
    <city>Boston</city>
    <state>MA</state>
    <zip>02210</zip>
    <country>USA</country>
    <country_iso>US</country_iso>
    <email>jsmith@barracuda.com</email>
    <phone>617-948-5300</phone>
  </contact>
  <billing>
    <name>John Smith</name>
    <company>barracuda</company>
    <street_address>334 Congress Street</street_address>
    <street_address2/>
    <city>Boston</city>
    <state>MA</state>
    <zip>02210</zip>
    <country>USA</country>
    <country_iso>US</country_iso>
    <email>jsmith@barracuda.com</email>
    <phone>617-948-5300</phone>
  </billing>
</addresses>
```

Response:

```
HTTP/1.1 204 No Content
```

4.7 Account Available Plan List

URI	/v1/accounts/{username}/available_plans
URI Parameters	• username (string)
Methods	GET, POST

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4.7.1 GET /v1/accounts/{username}/available_plans

Gets an account's available plans and current plan.

Scope	accounts_read
Query Selector Parameters	• n/a
Query Pagination Parameters	• page (int) – the page to show (min 1, default 1) • page_size (int) – the number of plans per page (min 1, max 50, default 10)
Query Sorting Parameters	• order_by (string const) – PLAN_ID|PLAN_NAME|PRICE • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• plan_id (int) • name (string) • setup_price (decimal) – price of setup to be added during the first month of billing • base_usage (int) – bytes of base usage • base_price (decimal) – base price of the plan • extra_usage (int) – bytes of overusage blocks • extra_price (decimal) – price of each overusage block • computers (int) – number of computers included before charging for extra computers • computers_usage (int) – bytes of available usage added for each extra computer • computers_price (decimal) – price for each extra computer • local_backup_price (decimal) – price of a local backup subscription • vm_host_price (decimal) – price of a QuickSpin host license • disk_image_price (decimal) – price of a DiskImage license • es_seat_price(decimal) – price of each ECHOShare seat • es_connection_price(decimal)-price of each ECHOShare connection • es_cost_extra_block(decimal) – cost of each ECHOShare extra block • total_cost (decimal) – Cost if this was the account was to be billed on this plan now • is_current (bool) – If true, this is the account's current plan • is_optimal (bool) – If true, this is the account's optimal plan

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Example JSON

Request:

```
GET /v1/accounts/barracuda/available_plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 10,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/accounts/barracuda/available_plans?page=1"
    }
  ],
  "list": [
    {
      "plan_id": 10,
      "name": "20g Monthly",
      "setup_price": 0.00,
      "base_usage": 21474836480,
      "base_price": 19.95,
      "extra_usage": 1073741824,
      "extra_price": 0.95,
      "computers": 10,
      "computers_usage": 5368709120,
      "computers_price": 4.95,
      "local_backup_price": 4.95,
      "vm_host_price": 60,
      "disk_image_price": 60,
      "es_seat_price": 30,
      "es_connection_price": 25,
      "es_cost_extra_block": 50,
      "total_cost": 19.95,
      "is_current": true,
      "is_optimal": false
    },
    {
      "plan_id": 11,
      "name": "10g Monthly",
      "setup_price": 5.00,
      "base_usage": 10737418240,
      "base_price": 9.95,
      "extra_usage": 1073741824,
      "extra_price": 0.95,
      "computers": 10,
      "computers_usage": 5368709120,
      "computers_price": 4.95,
      "local_backup_price": 4.95,
      "vm_host_price": 60,
      "disk_image_price": 60,
      "es_seat_price": 30,
      "es_connection_price": 25,
      "es_cost_extra_block": 50,
      "total_cost": 14.70,
      "is_current": false,
      "is_optimal": true
    }
```

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```
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/available_plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="10" count="10" >
  <link rel="first" href="
https://api.intronis.com/v1/accounts/barracuda/available_plans?page=1"/>
  <plan>
    <plan_id>10</plan_id>
    <name>20g Monthly</name>
    <setup_price>0.00</setup_price>
    <base_usage>21474836480</base_usage>
    <base_price>19.95</base_price>
    <extra_usage>1073741824</extra_usage>
    <extra_price>0.95</extra_price>
    <computers>10</computers>
    <computers_usage>5368709120</computers_usage>
    <computers_price>4.95</computers_price>
    <local_backup_price>4.95</local_backup_price>
    <vm_host_price>60</vm_host_price>
    <disk_image_price>60</disk_image_price>
    <es_seat_price>30</es_seat_price>
     <es_connection_price>25</es_connection_price>
    <es_cost_extra_block>50</es_cost_extra_block>
    <total_cost>19.95</total_cost>
    <is_current>true</is_current>
    <is_optimal>false</is_optimal>
  </plan>
  <plan>
    <plan_id>11</plan_id>
    <name>10g Monthly</name>
    <setup_price>5.00</setup_price>
    <base_usage>10737418240</base_usage>
    <base_price>9.95</base_price>
    <extra_usage>1073741824</extra_usage>
    <extra_price>0.95</extra_price>
    <computers>10</computers>
    <computers_usage>5368709120</computers_usage>
    <computers_price>4.95</computers_price>
    <local_backup_price>4.95</local_backup_price>
    <vm_host_price>60</vm_host_price>
    <disk_image_price>60</disk_image_price>
    <es_seat_price>30</es_seat_price>
     <es_connection_price>25</es_connection_price>
    <es_cost_extra_block>50</es_cost_extra_block>
    <total_cost>14.70</total_cost>
    <is_current>false</is_current>
    <is_optimal>true</is_optimal>
  </plan>
</list>
```

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4.7.2 POST /v1/accounts/{username}/available_plans

Sets an account to an available plan.

Scope	accounts_write
Request Body Parameters	• plan_id (int) – the plan id from the Account Available Plan List resource
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/accounts/barracuda/available_plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "plan_id": 1
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
POST /v1/accounts/barracuda/available_plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<plan>
  <plan_id>1</plan_id>
</plan>
```

Response:

```
HTTP/1.1 204 No Content
```

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4.8 Account Cancellation Controller

URI	/v1/accounts/{username}/cancellation
URI Parameters	• username (string)
Methods	POST

4.8.1 POST /v1/accounts/{username}/cancellation

Cancels an account with a given reason.

Scope	accounts_write
Request Body Parameters	• reason_id (int) – the reason id from the Cancellation Reason List resource • reason_note (string) – additional note that can be blank if reason doesn't require a note
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/accounts/barracuda/cancellation HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "reason_id": 1,
  "reason_note": ""
}
```

Response:

```
HTTP/1.1 303 See Other
Location: https://api.intronis.com/v1/accounts/barracuda
```

Example XML

Request:

```
POST /v1/accounts/barracuda/cancellation HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<cancellation>
  <reason_id>1</reason_id>
  <reason_note/>
</cancellation>
```

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Response:

```
HTTP/1.1 303 See Other
Location: https://api.intronis.com/v1/accounts/barracuda
```

4.9 Account Available Plan List

URI	/v1/accounts/{username}/password
URI Parameters	• username (string)
Methods	POST

4.9.1 POST /v1/accounts/{username}/password

Changes an account's password.

Scope	accounts_write
Request Body Parameters	• current_password (string) – the account's current password • new_password (string) – the new password to be saved to the account
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/accounts/barracuda/password HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "current_password": "password",
  "new_password": "password1"
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
POST /v1/accounts/barracuda/password HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<password>
  <current_password>password</current_password>
```

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```
  <new_password>password1</new_password>
</password>
```

Response:

```
HTTP/1.1 204 No Content
```

4.10 Account Reports

URI	/v1/accounts/{username}/reports
URI Parameters	• username (string)
Methods	GET

4.10.1 GET /v1/accounts/{username}/reports

Gets an account's report links.

Scope	accounts_read
Request Body Parameters	• n/a
Response Attributes	• backup_status (link object)

Example JSON

Request:

```
GET /v1/accounts/barracuda/reports HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "links": [
    {
      "title": "backup_status",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/reports/backup_status"
    }
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/reports HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

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Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<reports>
  <link title="backup_status" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/reports/backup_status"/>
</reports>
```

4.11 Account Backup Status Report

URI	/v1/accounts/{username}/computers/{computer_id}/reports/backup_status
URI Parameters	• username (string) • computer_id (string)
Methods	GET

4.11.1 GET /v1/accounts/{username}/reports/backup_status

Gets an account's backup status report.

Scope	accounts_read
Query Selector Parameters	• condition_status (string const) – one or more of COMPLETED, RUNNING, WARNING, or FAILURE
Query Pagination Parameters	• n/a – will always return report on one page
Query Sorting Parameters	• order_by (string const) – USERNAME • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• report_date (date) • username (string) • computer_id (string) • computer_name (string) • backupset_name (string) - name of the backup set • local_start (date) - local computer's start date • local_end (date) - local computer's last update/end date • condition_status (string const) - COMPLETED|RUNNING|WARNING|FAILURE • condition_types (array of string consts) - one or more of COMPLETED, RUNNING, WARNINGS, CANCELED, ERRORS, MISSED, EXCEPTION, NO_DATA_RESTORED, NO_DATA_DELETED, NO_FILE_DATA_BACKED_UP, or NO_EXCHANGE_OR_SQL_DATA_BACKED_UP • errors (int) - number of logged errors

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	• warnings (int) - number of logged warnings

Example JSON

Request:

```
GET /v1/accounts/barracuda/reports/backup_status HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 100,
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/accounts/barracuda/reports/backup_status?page=1"
    }
  ],
  "list": [
    {
        "report_date": "2011-01-01T10:00:00-05:00",
        "username": "barracuda_a",
        "computer_id": "0000",
        "computer_name": "Mail Server",
        "backupset_name": "Exchange",
        "local_start": "2011-01-01T01:00:00-05:00",
        "local_end": "2011-01-01T02:00:00-05:00",
        "condition_status": "COMPLETED",
        "condition_types": [
          "COMPLETED"
        ],
        "errors": 0,
        "warnings": 0
    },
    {
        "report_date": "2011-01-01T10:00:00-05:00",
        "username": "barracuda_a",
        "computer_id": "0001",
        "computer_name": "Personal Computer",
        "backupset_name": "My Docs",
        "local_start": "2011-01-01T01:00:00-05:00",
        "local_end": "2011-01-01T01:03:00-05:00",
        "condition_status": "WARNING",
        "condition_types": [
          "WARNINGS",
          "CANCELED"
        ],
        "errors": 0,
        "warnings": 2
    }
  ]
}
```

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Example XML

Request:

```
GET /v1/accounts/barracuda/reports/backup_status HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="100" count="100">
  <link rel="first"
href="https://api.intronis.com/v1/accounts/barracuda/reports/backup_status?page=1"/>
  <backup_status>
    <report_date>2011-01-01T10:00:00-05:00</report_date>
    <username>barracuda_a</username>
    <computer_id>0000</computer_id>
    <computer_name>Mail Server</computer_name>
    <backupset_name>Exchange</backupset_name>
    <local_start>2011-01-01T01:00:00-05:00</local_start>
    <local_end>2011-01-01T02:00:00-05:00</local_end>
    <condition_status>COMPLETED</condition_status>
    <condition_type>COMPLETED</condition_types>
    <errors>0</errors>
    <warnings>0</warnings>
  </backup_status>
  <backup_status>
    <report_date>2011-01-01T10:00:00-05:00</report_date>
    <username>barracuda_a</username>
    <computer_id>0001</computer_id>
    <computer_name>Personal Computer</computer_name>
    <backupset_name>My Docs</backupset_name>
    <local_start>2011-01-01T01:00:00-05:00</local_start>
    <local_end>2011-01-01T01:03:00-05:00</local_end>
    <condition_status>WARNING</condition_status>
    <condition_type>WARNINGS</condition_types>
    <condition_type>CANCELED</condition_types>
    <errors>0</errors>
    <warnings>2</warnings>
  </backup_status>
</list>
```

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4.12 Account Computer List

URI	/v1/accounts/{username}/computers
URI Parameters	• username (string)
Methods	GET, POST

4.12.1 GET /v1/accounts/{username}/computers

Gets an account's computers

Scope	computers_read
Query Selector Parameters	• deleted (int) – 0|1
Query Pagination Parameters	• page (int) – the page to show (min 1, default 1) • page_size (int) – the number of computers per page (min 1, max 50, default 10)
Query Sorting Parameters	• order_by (string const) – COMP_ID|NAME • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• computer_id (string) • name (string) • link (link object)

Example JSON

Request:

```
GET /v1/accounts/barracuda/computers HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 2,
  "page_size": 10,
  "count": 12,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/accounts/barracuda/computers?page=1"
    },
    {
      "rel": "prev",
      "href": "https://api.intronis.com/v1/accounts/barracuda/computers?page=1"
    }
  ],
  "list": [
    {
      "computer_id": "0010",
      "name": "Mail Server",
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/accounts/barracuda/computers/0010"
```

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```
      }
    },
    {
      "computer_id": "0011",
      "name": "Personal Computer",
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/accounts/barracuda/computers/0011"
      }
    }
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/computers HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="2" page_size="10" count="12">
  <link rel="first" href="https://api.intronis.com/v1/accounts/barracuda/computers?page=1"/>
  <link rel="prev" href="https://api.intronis.com/v1/accounts/barracuda/computers?page=1"/>
  <computer>
    <computer_id>0010</computer_id>
    <name>Mail Server</name>
    <link rel="self" href="https://api.intronis.com/v1/accounts/barracuda/computers/0010"/>
  </computer>
  <computer>
    <computer_id>0011</computer_id>
    <name>Personal Computer</name>
    <link rel="self" href="https://api.intronis.com/v1/accounts/barracuda/computers/0011"/>
  </computer>
</list>
```

4.12.2 POST /v1/accounts/{username}/computers

Adds a new computer to an account.

Scope	computers_write
Request Body Parameters	• name (string) • password (string) • email (string) • phone (string)
Response Attributes	• n/a

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Example JSON

Request:

```
POST /v1/accounts/barracuda/computers HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "name": "Mail Server",
  "password": "ps8wEzeT",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300"
}
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/accounts/barracuda/computers/0001
```

Example XML

Request:

```
POST /v1/accounts/barracuda/computers HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<computer>
  <name>Mail Server</name>
  <password>ps8wEzeT</password>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
</computer>
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/accounts/barracuda/computers/0001
```

4.13 Computer

URI	/v1/accounts/{username}/computers/{computer_id}
URI Parameters	• username (string) • computer_id (string)
Methods	GET, DELETE

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4.13.1 GET /v1/accounts/{username}/computers/{computer_id}

Gets a computer's information.

Scope	computers_read
Request Body Parameters	• n/a
Response Attributes	• username (string) • computer_id (string) • signup_date (date) • status (string const) – ACTIVE|DISABLED|DELETED • usage (int) – number of bytes stored • name (string) • email (string) • phone (string) • info (link object) • action_history (link object) • usage_history (link object) • notification_emails (link object) • notification_options (link object) • reports (link object) • password (link object)

Example JSON

Request:

```
GET /v1/accounts/barracuda/computers/0000 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "username": "barracuda",
  "computer_id": "0000",
  "signup_date": "2011-01-01T09:00:00-05:00"
  "status": "ACTIVE",
  "usage": "1099511627776",
  "name": "Mail Server",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "links": [
    {
      "title": "info",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/computers/0000/info"
    },
    {
      "title": "action_history",
      "rel": "related",
```

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```
      "href": "https://api.intronis.com/v1/accounts/barracuda/computers/0000/action_history"
    },
    {
      "title": "usage_history",
      "rel": "related",
      "href": "https://api.intronis.com/v1/accounts/barracuda/computers/0000/usage_history"
    },
    {
      "title": "notification_emails",
      "rel": "related",
      "href":
"https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails"
    },
    {
      "title": "notification_options",
      "rel": "related",

  "href":"https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/options"
    },
    {
      "title": "reports",
      "rel": "related",
      "href":"https://api.intronis.com/v1/accounts/barracuda/computers/0000/reports"
    },
    {
      "title": "password",
      "rel": "related",
      "href":"https://api.intronis.com/v1/accounts/barracuda/computers/0000/password"
    }
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

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Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<computer>
  <username>barracuda</username>
  <computer_id>0000</computer_id>
  <signup_date>2011-01-01T09:00:00-05:00</signup_date>
  <status>ACTIVE</status>
  <usage>1099511627776</usage>
  <name>Mail Server</name>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
  <link title="info" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/info"/>
  <link title="action_history" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/action_history"/>
  <link title="usage_history" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/usage_history"/>
  <link title="notification_emails" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails"/>
  <link title="notification_options" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/options"/>
  <link title="reports" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/reports"/>
</computer>
```

4.13.2 DELETE /v1/accounts/{username}/computers/{computer_id}

Deletes a computer from an account. The 0000 computer also can be deleted, but there should never be a situation where an account has no computers underneath it. If the user intends to delete the last computer, the server responds with 405 Method Not Allowed.

Scope	computers_write
Request Body Parameters	• n/a
Response Attributes	• n/a

Example

Request:

```
DELETE /v1/accounts/barracuda/computers/0013 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 204 No Content
```

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Example 0000 computer which is the last computer of the account

Request:

```
DELETE /v1/accounts/barracuda/computers/0000 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 405 Method Not Allowed
```

4.14 Computer Info

URI	/v1/accounts/{username}/computers/{computer_id}/info
URI Parameters	• username (string) • computer_id (string)
Methods	GET, PUT

4.14.1 GET /v1/accounts/{username}/computers/{computer_id}/info

Gets a computer's customer controllable properties.

Scope	computers_read
Request Body Parameters	• n/a
Response Attributes	• name (string) • email (string) • phone (string)

Example JSON

Request:

```
GET /v1/accounts/barracuda/computers/0000/info HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "name": "Mail Server",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300"
}
```

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Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/info HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<computer>
  <name>Mail Server</name>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
</computer>
```

4.14.2 PUT /v1/accounts/{username}/computers/{computer_id}/info

Edits a computer's customer controllable properties.

Scope	computers_write
Request Body Parameters	• name (string) • email (string) • phone (string)
Response Attributes	• n/a

Example JSON

Request:

```
PUT /v1/accounts/barracuda/computers/0000/info HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "name": "Mail Server",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300"
}
```

Response:

```
HTTP/1.1 204 No Content
```

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Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/info HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<computer>
  <name>Mail Server</name>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
</computer>
```

Response:

```
HTTP/1.1 204 No Content
```

4.15 Computer Action History List

URI	/v1/accounts/{username}/computers/{computer_id}/action_history
URI Parameters	• username (string) • computer_id (string)
Methods	GET

4.15.1 GET /v1/accounts/{username}/computers/{computer_id}/action_history

Gets a computer's action history (version 3.0+ only).

Scope	computers_read
Query Selector Parameters	• since (date) • type (string const) – BACKUP|RESTORE|DELETE – If no type is specified, then all types will be returned • status (string const) – UNINITIALIZED|RUNNING|PAUSED|SUCCESS|CANCELING|CANCELED|ERROR – If no status is specified, then all statuses will be returned
Query Pagination Parameters	• page (int) – the page to show (min 1, default 1) • page_size (int) – the number of actions per page (min 1, max 50, default 10)
Query Sorting Parameters	• order_by (string const) – LOCAL_START|TYPE|STATUS • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• action_id (int) • username (string) • computer_id (string) • type (string const) –

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Scope	computers_read
	BACKUP|RESTORE|DELETE • backupset_name (string) – name of the backup set for BACKUP action types • plugin (string const) – FILE|SQL|EXCHANGE • status (string const) – UNINITIALIZED|RUNNING|PAUSED|SUCCESS|CANCELING|CANCELED|ERROR • local_start (date) – local computer's start date • local_end (date) – local computer's last update/end date • total_files (int) – number of files to be processed • processed_files (int) – number of files that have been processed • bytes (int) – number of bytes transferred • condition_status (string const) – COMPLETED|RUNNING|WARNING|FAILURE • condition_types (array of strings) – one or more of COMPLETED, RUNNING, WARNINGS, CANCELED, ERRORS, MISSED, EXCEPTION, NO_DATA_RESTORED, NO_DATA_DELETED, NO_FILE_DATA_BACKED_UP, or NO_EXCHANGE_OR_SQL_DATA_BACKED_UP • errors (int) – number of logged errors • warnings (int) – number of logged warnings

Example JSON

Request:

```
ET /v1/accounts/barracuda/computers/0000/action_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

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Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href":
"https://api.intronis.com/v1/accounts/barracuda/computer/0000/action_history?page=1"
    },
    {
      "rel": "next",
      "href":
"https://api.intronis.com/v1/accounts/barracuda/computer/0000/action_history?page=2"
    }
  ],
  "list": [
    {
      "action_id": 10,
      "username": "barracuda",
      "computer_id": "0000",
      "type": "RESTORE",
      "backupset_name": "",
      "plugin": "FILE",
      "status": "RUNNING",
      "local_start": "2011-01-01T09:00:00-05:00",
      "local_end": "",
      "total_files": 100,
      "processed_files": 50,
      "bytes": 2147483648,
      "condition_status": "RUNNING",
      "condition_types ": [
        "RUNNING"
      ],
      "errors": 0,
      "warnings": 0
    },
    {
      "action_id": 10,
      "username": "barracuda",
      "computer_id": "0000",
      "type": "BACKUP",
      "backupset_name": "My Docs",
      "plugin": "FILE",
      "status": "COMPLETED",
      "local_start": "2011-01-01T03:00:00-05:00",
      "local_end": "2011-01-01T04:00:00-05:00",
      "total_files": 100,
      "processed_files": 100,
      "bytes": 5368709120,
      "condition_status": "WARNING",
      "condition_types ": [
        "WARNINGS",
        "CANCELED"
      ],
      "errors": 0,
      "warnings": 2
    }
  ]
}
```

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Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/action_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="10" count="100">
  <link rel="first"
href="https://api.intronis.com/v1/accounts/barracuda/computer/0000/action_history?page=1"/>
  <link rel="next"
href="https://api.intronis.com/v1/accounts/barracuda/computer/0000/action_history?page=2"/>
  <action>
    <action_id>10</action_id>
    <username>barracuda</username>
    <computer_id>0000</computer_id>
    <type>RESTORE</type>
    <backupset_name/>
    <plugin>FILE</plugin>
    <status>RUNNING</status>
    <local_start>2011-01-01T09:00:00-05:00</local_start>
    <local_end/>
    <total_files>100</total_files>
    <processed_files>50</processed_files>
    <bytes>2147483648</bytes>
    <condition_status>RUNNING</condition_status>
    <condition_types>RUNNING</condition_types>
    <errors>0</errors>
    <warnings>0</warnings>
  </action>
  <action>
    <action_id>10</action_id>
    <username>barracuda</username>
    <computer_id>0000</computer_id>
    <type>BACKUP</type>
    <backupset_name>My Docs</backupset_name>
    <plugin>FILE</plugin>
    <status>COMPLETED</status>
    <local_start>2011-01-01T03:00:00-05:00</local_start>
    <local_end>2011-01-01T04:00:00-05:00</local_end>
    <total_files>100</total_files>
    <processed_files>100</processed_files>
    <bytes>5368709120</bytes>
    <condition_status>WARNING</condition_status>
    <condition_types>WARNINGS</condition_types>
    <condition_types>CANCELED</condition_types>
    <errors>0</errors>
    <warnings>2</warnings>
  </action>
</list>
```

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4.16 Computer Usage History List

URI	/v1/accounts/{username}/computers/{computer_id}/usage_history
URI Parameters	• username (string) • computer_id (string)
Methods	GET

4.16.1 GET /v1/accounts/{username}/computers/{computer_id}/usage_history

Gets the computer's usage history.

Scope	computers_read
Query Selector Parameters	• start_date (date) • end_date (date) • resolution (string const) – DAY|WEEK|MONTH|CUSTOM • custom (int) – number of days between dates (min 1, max 60, default 1)
Query Pagination Parameters	• page (int) – the page number to show (min 1, default 1) • page_size (int) – the number of actions per page (min 1, max 90, default varies: 30 DAY, 26 WEEK, 12 MONTH, 30 CUSTOM)
Query Sorting Parameters	• order_by (string const) – DATE • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• date (date) • bytes (int) – number of bytes stored

Example JSON

Request:

```
GET /v1/accounts/barracuda/computers/0000/usage_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href":
"https://api.intronis.com/v1/accounts/barracuda/computers/0000/usage_history?page=1"
    },
    {
```

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```
      "rel": "next",
      "href":
"https://api.intronis.com/v1/accounts/barracuda/computers/0000/usage_history?page=2"
    }
  ],
  "list": [
    {
      "date": "2011-01-01T00:00:00-05:00",
      "bytes": 4368709120
    },
    {
      "date": "2011-01-02T00:00:00-05:00",
      "bytes": 5368709120
    }
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/usage_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="10" count="100">
  <link rel="first"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/usage_history?page=1"/>
  <link rel="next"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/usage_history?page=2"/>
  <usage>
    <date>2011-01-01T00:00:00-05:00</date>
    <bytes>4368709120</bytes>
  </usage>
  <usage>
    <date>2011-01-02T00:00:00-05:00</date>
    <bytes>5368709120</bytes>
  </usage>
</list>
```

4.17 Computer Notifications Email List

URI	/v1/accounts/{username}/computers/{computer_id}/notifications/emails
URI Parameters	• username (string) • computer_id (string)
Methods	GET, POST

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4.17.1 GET /v1/accounts/{username}/computers/{computer_id}/notifications/emails

Gets a computer's notifications emails.

Scope	computers_read
Query Selector Parameters	• n/a
Query Pagination Parameters	• page (int) - the page number to show (min 1, default 1) • page_size (int) - the number of emails per page (min 1, max 50, default 10)
Query Sorting Parameters	• order_by (string const) – EMAIL_ID|EMAIL • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• email_id (int) • email (string) • backup_completed (bool) – If true, the email will receive the Backup Completed Notification • backup_warning (bool) – If true, the email will receive the Backup Warning Notification • backup_failed (bool) – If true, the email will receive the Backup Failed Notification • backup_missed (bool) – If true, the email will receive the Backup Missed Notification • no_recent_backup (bool) – If true, the email will receive the No Recent Backup Notification • link (link object)

Example JSON

Request:

```
GET /v1/accounts/barracuda/computers/0000/notifications/emails HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 2,
  "links": [
    {
      "rel": "first",
      "href":
"https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails?page=1"
    },
  ],
  "list": [
```

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```
    {
      "email_id": 0,
      "email": "jsmith@barracuda.com",
      "backup_completed": true,
      "backup_warning": true,
      "backup_failed": true,
      "backup_missed": true,
      "no_recent_backup": true,
      "link": {
        "rel": "self",
        "href":
"https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails/0"
      }
    },
    {
      "email_id": 10,
      "email": "support@barracudamspmsp.com",
      "backup_completed": false,
      "backup_warning": false,
      "backup_failed": false,
      "backup_missed": true,
      "no_recent_backup": false,
      "link": {
        "rel": "self",
        "href":
"https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails/10"
      }
    }
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/notifications/emails HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

<?xml version="1.0" encoding="UTF-8"?>
<list page="2" page_size="10" count="2">
  <link rel="first"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails?page=1"/
>
  <email>
    <email_id>0</email_id>
    <email>jsmith@barracuda.com</email>
    <backup_completed>true</backup_completed>
    <backup_warning>true</backup_warning>
    <backup_failed>true</backup_failed>
    <backup_missed>true</backup_missed>
    <no_recent_backup>true</no_recent_backup>
    <link rel="self"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails/0"/>
  </email>
  <email>
    <email_id>10</email_id>
    <email>support@barracudamspmsp.com</email>
    <backup_completed>false</backup_completed>
```

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```
    <backup_warning>false</backup_warning>
    <backup_failed>false</backup_failed>
    <backup_missed>true</backup_missed>
    <no_recent_backup>false</no_recent_backup>
    <link rel="self"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails/10"/>
  </email>
</list>
```

4.17.2 POST /v1/accounts/{username}/computers/{computer_id}/notifications/emails

Adds a new email to a computer's notifications.

Scope	computers_write
Request Body Parameters	• email (string) • backup_completed (bool) – If true, the email will receive the Backup Completed Notification • backup_warning (bool) – If true, the email will receive the Backup Warning Notification • backup_failed (bool) – If true, the email will receive the Backup Failed Notification • backup_missed (bool) – If true, the email will receive the Backup Missed Notification • no_recent_backup (bool) – If true, the email will receive the No Recent Backup Notification
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/accounts/barracuda/computers/0000/notifications/emails HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "email": "support@barracudamsp.com",
  "backup_completed": false,
  "backup_warning": false,
  "backup_failed": false,
  "backup_missed": true,
  "no_recent_backup": false,
}
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails/10
```

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Example XML

Request:

```
POST /v1/accounts/barracuda/computers/0000/notifications/emails HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<email>
  <email>support@barracudamsp.com</email>
  <backup_completed>false</backup_completed>
  <backup_warning>false</backup_warning>
  <backup_failed>false</backup_failed>
  <backup_missed>true</backup_missing>
  <no_recent_backup>false</no_recent_backup>
</email>
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/accounts/barracuda/computers/0000/notifications/emails/10
```

4.18 Computer Notifications Email

URI	/v1/accounts/{username}/computers/{computer_id}/notifications/emails/{email_id}
URI Parameters	• username (string) • computer_id (string) • email_id (int)
Methods	GET, PUT, DELETE

4.18.1 GET /v1/accounts/{username}/computers/{computer_id}/notifications/emails/{email_id}

Gets an email's information.

Scope	computers_read
Request Body Parameters	• n/a
Response Attributes	• email (string) • backup_completed (bool) – If true, the email will receive the Backup Completed Notification • backup_warning (bool) – If true, the email will receive the Backup Warning Notification • backup_failed (bool) – If true, the email will receive the Backup Failed Notification • backup_missed (bool) – If true, the email will receive the Backup Missed Notification • no_recent_backup (bool) – If true, the email will receive the No Recent Backup Notification

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Example JSON

Request:

```
GET /v1/accounts/barracuda/computers/0000/notifications/emails/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "email": "support@barracudamsp.com",
  "backup_completed": false,
  "backup_warning": false,
  "backup_failed": false,
  "backup_missed": true,
  "no_recent_backup": false,
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/notifications/emails/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<email>
  <email>support@barracudamsp.com</email>
  <backup_completed>false</backup_completed>
  <backup_warning>false</backup_warning>
  <backup_failed>false</backup_failed>
  <backup_missed>true</backup_missing>
  <no_recent_backup>false</no_recent_backup>
</email>
```

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4.18.2 PUT /v1/accounts/{username}/computers/{computer_id}/notifications/emails/{email_id}

Edits an email's information.

Scope	computers_write
Request Body Parameters	• email (string) • backup_completed (bool) – If true, the email will receive the Backup Completed Notification • backup_warning (bool) – If true, the email will receive the Backup Warning Notification • backup_failed (bool) – If true, the email will receive the Backup Failed Notification • backup_missed (bool) – If true, the email will receive the Backup Missed Notification • no_recent_backup (bool) – If true, the email will receive the No Recent Backup Notification
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/accounts/barracuda/computers/0000/notifications/emails/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "email": "support@barracudamsp.com",
  "backup_completed": false,
  "backup_warning": false,
  "backup_failed": false,
  "backup_missed": true,
  "no_recent_backup": false,
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/notifications/emails/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<email>
  <email>support@barracudamsp.com</email>
```

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```
  <backup_completed>false</backup_completed>
  <backup_warning>false</backup_warning>
  <backup_failed>false</backup_failed>
  <backup_missed>true</backup_missing>
  <no_recent_backup>false</no_recent_backup>
</email>
```

Response:

```
HTTP/1.1 204 No Content
```

4.18.3 DELETE /v1/accounts/{username}/computers/{computer_id}/notifications/emails/{email_id}

Deletes an email from a computer's notifications. The 0 email_id cannot be deleted and the server responds with 405 Method Not Allowed.

Scope	computers_write
Request Body Parameters	• n/a
Response Attributes	• n/a

Example

Request:

```
DELETE /v1/accounts/barracuda/computers/0000/notifications/emails/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 204 No Content
```

Example 0 email_id

Request:

```
DELETE /v1/accounts/barracuda/computers/0000/notifications/emails/0 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 405 Method Not Allowed
```

4.19 Computer Notifications Options

URI	/v1/accounts/{username}/computers/{computer_id}/notifications/options

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URI Parameters	• username (string) • computer_id (string)
Methods	GET, PUT

4.19.1 GET /v1/accounts/{username}/computers/{computer_id}/notifications/options

Gets a computer's notifications options.

Scope	computers_read
Request Body Parameters	• n/a
Response Attributes	• backup_finished (object) — include_failed_files (bool) – If true, the Backup Completed, Warning, and Failed Notifications will include failed files — include_no_files_notice (bool) – If true, the Backup Completed, Warning, and Failed Notifications will include a notice if no files were backed up — include_total_usage (bool) – If true, the Backup Completed, Warning, and Failed Notifications will include the computer's total usage • no_recent_backup (object) — time_between_backups (object) • value (int) – time range where if no backups occurred since to send a No Recent Backup Notification • factor (string const) – HOUR|DAY|WEEK — time_between_notifications (object) • value (int) – time span to wait before sending additional No Recent Backup Notifications • factor (string const) – HOUR|DAY|WEEK

Example JSON

Request:

```
GET /v1/accounts/barracuda/computers/0000/notifications/options HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

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Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "backup_finished": {
    "include_failed_files": true,
    "include_no_files_notice": true,
    "include_total_usage": true
  },
  "no_recent_backup": {
    "time_between_backups": {
      "value": 1,
      "factor": "HOUR"
    },
    "time_between_notifications": {
      "value": 1,
      "factor": "HOUR"
    }
  }
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/notifications/options HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<options>
  <backup_finished>
    <include_failed_files>true</include_failed_files>
    <include_no_files_notice>true</include_no_files_notice>
    <include_total_usage>true</include_total_usage>
  </backup_finished>
  <no_recent_backup>
    <time_between_backups>
      <value>1</value>
      <factor>HOUR</factor>
    </time_between_backups>
    <time_between_notifications>
      <value>1</value>
      <factor>HOUR</factor>
    </time_between_notifications>
  </no_recent_backup>
</options>
```

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4.19.2 PUT /v1/accounts/{username}/computers/{computer_id}/notifications/options

Edits a computer's notifications options.

Scope	computers_write
Request Body Parameters	• backup_finished (object) — include_failed_files (bool) – If true, the Backup Completed, Warning, and Failed Notifications will include failed files — include_no_files_notice (bool) – If true, the Backup Completed, Warning, and Failed Notifications will include a notice if no files were backed up — include_total_usage (bool) – If true, the Backup Completed, Warning, and Failed Notifications will include the computer's total usage • no_recent_backup (object) — time_between_backups (object) — value (int) – time range where if no backups occurred since to send a No Recent Backup Notification — factor (string const) – HOUR|DAY|WEEK — time_between_notifications (object) — value (int) – time span to wait before sending additional No Recent Backup Notifications — factor (string const) – HOUR|DAY|WEEK
Response Attributes	• n/a

Example JSON

Request:

```
PUT /v1/accounts/barracuda/computers/0000/notifications/options HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "backup_finished": {
    "include_failed_files": true,
    "include_no_files_notice": true,
    "include_total_usage": true
  },
  "no_recent_backup": {
    "time_between_backups": {
      "value": 1,
      "factor": "HOUR"
    },
    "time_between_notifications": {
      "value": 1,
      "factor": "HOUR"
    }
  }
}
```

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Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
PUT /v1/accounts/barracuda/computers/0000/notifications/options HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<options>
  <backup_finished>
    <include_failed_files>true</include_failed_files>
    <include_no_files_notice>true</include_no_files_notice>
    <include_total_usage>true</include_total_usage>
  </backup_finished>
  <no_recent_backup>
    <time_between_backups>
      <value>1</value>
      <factor>HOUR</factor>
    </time_between_backups>
    <time_between_notifications>
      <value>1</value>
      <factor>HOUR</factor>
    </time_between_notifications>
  </no_recent_backup>
</options>
```

Response:

```
HTTP/1.1 204 No Content
```

4.20 Computer Password Changer Controller

URI	/v1/accounts/{username}/computers/{computer_id}/password
URI Parameters	• username (string) • computer_id (string)
Methods	POST

4.20.1 POST /v1/accounts/{username}/computers/{computer_id}/password

Changes a computer's password.

Scope	computers_write
Request Body Parameters	• current_password (string) – the computer's current password • new_password (string) – the new password to be saved to the computer
Response Attributes	• n/a

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Example JSON

Request:

```
POST /v1/accounts/barracuda/computers/0000/password HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "current_password": "password",
  "new_password": "password1"
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
POST /v1/accounts/barracuda/computers/0000/password HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<password>
  <current_password>password</current_password>
  <new_password>password1</new_password>
</password>
```

Response:

```
HTTP/1.1 204 No Content
```

4.21 Computer Reports

URI	/v1/accounts/{username}/computers/{computer_id}/reports
URI Parameters	• username (string) • computer_id (string)
Methods	GET

4.21.1 GET /v1/accounts/{username}/computers/{computer_id}/reports

Gets a computer's report links.

Scope	computers_read
Request Body Parameters	• n/a
Response Attributes	• backup_status (link object)

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Example JSON

Request:

```
GET /v1/accounts/barracuda/computers/0000/reports HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "links": [
    {
      "title": "backup_status",
      "rel": "related",
      "href":
"https://api.intronis.com/v1/accounts/barracuda/computers/0000/reports/backup_status"
    }
  ]
}
```

Example XML

Request:

```
ET /v1/accounts/barracuda/computers/0000/reports HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<reports>
  <link title="backup_status" rel="related"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/reports/backup_status"/>
</reports>
```

4.22 Computer Backup Status Report

URI	/v1/accounts/{username}/computers/{computer_id}/reports/backup_status
URI Parameters	• username (string) • computer_id (string)
Methods	GET

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4.22.1 GET /v1/accounts/{username}/computers/{computer_id}/reports/backup_status

Gets a computer's backup status report.

Scope	computers_read
Query Selector Parameters	• condition_status (string const) – one or more of COMPLETED, RUNNING, WARNING, or FAILURE
Query Pagination Parameters	• n/a – will always return report on one page
Query Sorting Parameters	• order_by (string const) – USERNAME • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• report_date (date) • username (string) • computer_id (string) • computer_name (string) • backupset_name (string) – name of the backup set • local_start (date) – local computer's start date • local_end (date) – local computer's last update/end date • condition_status (string const) – COMPLETED|RUNNING|WARNING|FAILURE • condition_types (array of string consts) – one or more of COMPLETED, RUNNING, WARNINGS, CANCELED, ERRORS, MISSED, EXCEPTION, NO_DATA_RESTORED, NO_DATA_DELETED, NO_FILE_DATA_BACKED_UP, or NO_EXCHANGE_OR_SQL_DATA_BACKED_UP • errors (int) – number of logged errors • warnings (int) – number of logged warnings

Example JSON

Request:

```
GET /v1/accounts/barracuda/computers/0000/reports/backup_status HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 100,
```

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```
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href":
"https://api.intronis.com/v1/accounts/barracuda/computers/0000/reports/backup_status?page=1"
    }
  ],
  "list": [
    {
        "report_date": "2011-01-01T10:00:00-05:00",
        "username": "barracuda_a",
        "computer_id": "0000",
        "computer_name": "Mail Server",
        "backupset_name": "Exchange",
        "local_start": "2011-01-01T01:00:00-05:00",
        "local_end": "2011-01-01T02:00:00-05:00",
        "condition_status": "COMPLETED",
        "condition_types": [
          "COMPLETED"
        ],
        "errors": 0,
        "warnings": 0
    }
  ]
}
```

Example XML

Request:

```
GET /v1/accounts/barracuda/computers/0000/reports/backup_status HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="100" count="100">
  <link rel="first"
href="https://api.intronis.com/v1/accounts/barracuda/computers/0000/reports/backup_status?page=1"
/>
  <backup_status>
    <report_date>2011-01-01T10:00:00-05:00</report_date>
    <username>barracuda_a</username>
    <computer_id>0000</computer_id>
    <computer_name>Mail Server</computer_name>
    <backupset_name>Exchange</backupset_name>
    <local_start>2011-01-01T01:00:00-05:00</local_start>
    <local_end>2011-01-01T02:00:00-05:00</local_end>
    <condition_status>COMPLETED</condition_status>
    <condition_type>COMPLETED</condition_types>
    <errors>0</errors>
    <warnings>0</warnings>
  </backup_status>
</list>
```

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4.23 Cancellation Reason List

URI	/v1/general/cancellation_reasons
URI Parameters	• n/a
Methods	GET

4.23.1 GET /v1/general/cancellation_reasons

Gets the cancellation reasons to be used in cancelling accounts and partners.

Scope	n/a
Query Selector Parameters	• n/a
Query Pagination Parameters	• page (int) • page_size (int)
Query Sorting Parameters	• order_by (string const) – REASON_ID|REASON_NAME • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• reason_id (int) • description (string) • requires_note (bool) – If true, when the reason is used to cancel an account or partner, the note cannot be blank

Example JSON

Request:

```
GET /v1/general/cancellation_reasons HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 2,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/general/cancellation_reasons?page=1"
    },
  ],
  "list": [
    {
      "reason_id": 1,
      "description": "Customer has gone out of business",
      "requires_note": false
    },
    {
      "reason_id": 2,
```

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```
      "description": "Other",
      "requires_note": true
    }
  ]
}
```

Example XML

Request:

```
GET /v1/general/cancellation_reasons HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="10" count="2">
  <link rel="first" href="https://api.intronis.com/v1/general/cancellation_reasons?page=1"/>
  <reason>
    <reason_id>1</reason_id>
    <description>Customer has gone out of business</description>
    <requires_note>false</requires_note>
  </reason>
  <reason>
    <reason_id>2</reason_id>
    <description>Other</description>
    <requires_note>true</requires_note>
  </reason>
</list>
```

4.24 Server Time

URI	/v1/general/time
URI Parameters	• n/a
Methods	GET

4.24.1 GET /v1/general/time

Gets an account's server time.

Scope	n/a
Request Body Parameters	• n/a
Response Attributes	• time (date) – The local time on the barracuda API server

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Example JSON

Request:

```
GET /v1/general/time HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "time" : "2011-01-01T09:00:00-05:00"
}
```

Example XML

Request:

```
ET /v1/general/time HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<time>2011-01-01T09:00:00-05:00</time>
```

4.25 Username Locator

URI	/v1/general/username/{username}
URI Parameters	• username (string)
Methods	GET

4.25.1 GET /v1/general/username/{username}

Gets the username's resource location. Use username 0 to get the location of currently authorized end-user.

Scope	n/a
Request Body Parameters	• n/a
Response Attributes	• n/a

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Example Self

Request:

```
GET /v1/username/0 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 303 See Other
Location: https://api.intronis.com/v1/partner/barracuda
```

Example Account

Request:

```
GET /v1/username/barracuda_a HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 303 See Other
Location: https://api.intronis.com/v1/accounts/barracuda_a
```

Example Partner

Request:

```
GET /v1/username/barracuda_p HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 303 See Other
Location: https://api.intronis.com/v1/partner/barracuda_p
```

Example User

Request:

```
GET /v1/username/tech_user HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

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Response:

```
HTTP/1.1 303 See Other
Location: https://api.intronis.com/v1/partner/barracuda/user/tech_user
```

Example Not Found

Request:

```
GET /v1/username/a HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 404 Not Found
```

4.26 Partner Creation Controller

URI	/v1/partners
URI Parameters	• n/a
Methods	POST

4.26.1 POST /v1/partners

Creates a new partner with the given properties.

Scope	partners_write
Request Body Parameters	• username (string) • password (string) • name (string) • company (string) • street_address (string) • street_address2 (string) • city (string) • state (string) • zip (string) • country (string) - deprecated • country_iso (string) • email (string) • phone (string) • plan_id (int)
Response Attributes	• n/a

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Example JSON

Request:

```
POST /v1/partners HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "username": "barracuda",
  "password": "ps8wEzeT",
  "name": "John Smith",
  "company": "barracuda",
  "street_address": "334 Congress Street",
  "street_address2": "",
  "city": "Boston",
  "state": "MA",
  "zip": "02210",
  "country": "USA",
  "country_iso": "US",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "plan_id": 10

}
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/partners/barracuda
```

Example XML

Request:

```
POST /v1/partners HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8" ?>
<partner>
  <username>barracuda</username>
  <password>ps8wEzeT</password>
  <name>John Smith</name>
  <company>barracuda</company>
  <street_address>334 Congress Street</street_address>
  <street_address2/>
  <city>Boston</city>
  <state>MA</state>
  <zip>02210</zip>
  <country>USA</country>
  <country_iso>US</country_iso>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
  <plan_id>10</plan_id>
</partner>
```

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Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/partners/barracuda
```

4.27 Partner

URI	/v1/partners/{username}
URI Parameters	• username (string)
Methods	GET, PUT

4.27.1 GET /v1/partners/{username}

Gets a partner's information.

Scope	partners_read
Request Body Parameters	• n/a
Response Attributes	• partner_id (int) • username (string) • signup_date (date) • status (string const) – ACTIVE|TEST|FROZEN|CANCELED • usage (int) • type (string const) – REFERRAL|RESELLER|VOLUME • addresses (link object) • cancellation (link object) • plans (link object) • signups (link object) • users (link object) • usage_history (link object) • reports (link object) • password (link_object) • installer URL (link object) • software name (link object)

Example JSON

Request:

```
GET /v1/partners/barracuda HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

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Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "partner_id": 10,
  "username": "barracuda",
  "signup_date": "2011-01-01T09:00:00-05:00",
  "status": "ACTIVE",
  "usage": 1099511627776,
  "type": "VOLUME",
  "links": [
    {
      "title": "addresses",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/addresses"
    },
    {
      "title": "cancellation",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/cancellation"
    },
    {
      "title": "plans",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/plans"
    },
    {
      "title": "signups",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/signups"
    },
    {
      "title": "users",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/users"
    },
    {
      "title": "usage_history",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/usage_history"
    },
    {
      "title": "reports",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/reports"
    },
    {
      "title": "password",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/password"
    },
    {
      "title": "installer_url",
      "rel": "related",
      "href":
"https://manage.barracudamsp.com/Installer.ashx?Name=ECHObackup&SsoftwareId=0eb9326d-0eb6-60a4-
e9de-deeaf7f55cb1"
    },
    {
      "title": "software_name",
      "rel": "related",
      "href": "ECHObackup"
    }
  ]
}
```

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Example XML

Request:

```
GET /v1/partners/barracuda HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<partner>
  <partner_id>10</partner_id>
  <username>barracuda</username>
  <signup_date>2011-01-01T09:00:00-05:00</signup_date>
  <status>ACTIVE</status>
  <usage>1099511627776</usage>
  <type>VOLUME</type>
  <link title="addresses" rel="related"
href="https://api.intronis.com/v1/partners/barracuda/addresses"/>
  <link title="cancellation" rel="related"
href="https://api.intronis.com/v1/partners/barracuda/cancellation"/>
  <link title="plans" rel="related" href="https://api.intronis.com/v1/partners/barracuda/plans"/>
  <link title="signups" rel="related"
href="https://api.intronis.com/v1/partners/barracuda/signups"/>
  <link title="users" rel="related" href="https://api.intronis.com/v1/partners/barracuda/users"/>
  <link title="usage_history" rel="related"
href="https://api.intronis.com/v1/partners/barracuda/usage_history"/>
  <link title="reports" rel="related"
href="https://api.intronis.com/v1/partners/barracuda/reports"/>
  <link title="password" rel="related"
href="https://api.intronis.com/v1/partners/barracuda/password"/>
<link title=”installer_url” rel=”related”
href=”https:\/\/qa3manage.barracudatest.com\/Installer.ashx?Name=lyu2&SoftwareId=1d49abe5-0023-
f8b4-75a6-b994ed18d9a3"/>
  <link title=”software_name” rel=”related” href=”lyu2”/>

</partner>
```

4.28 Partner Addresses

URI	/v1/partners/{username}/addresses
URI Parameters	• username (string)
Methods	GET, PUT

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4.28.1 GET /v1/partners/{username}/addresses

Gets a partner's addresses.

Scope	partners_read
Request Body Parameters	• n/a
Response Attributes	— contact (object) — name (string) — company (string) — street_address (string) — street_address2 (string) — city (string) — state (string) — zip (string) — country (string) - deprecated — country_iso (string) — email (string) — phone (string) — billing (object) — name (string) — company (string) — street_address (string) — street_address2 (string) — city (string) — state (string) — zip (string) — country (string) - deprecated — country_iso (string) — email (string) — phone (string)

Example JSON

Request:

```
GET /v1/partners/barracuda/addresses HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "contact": {
    "name": "John Smith",
    "company": "barracuda",
    "street_address": "334 Congress Street",
```

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```
    "street_address2": "",
    "city": "Boston",
    "state": "MA",
    "zip": "02210",
    "country": "USA",
    "country_iso": "US",
    "email": "jsmith@barracuda.com",
    "phone": "617-948-5300"
  },
  "billing": {
    "name": "John Smith",
    "company": "barracuda",
    "street_address": "334 Congress Street",
    "street_address2": "",
    "city": "Boston",
    "state": "MA",
    "zip": "02210",
    "country": "USA",
    "country_iso": "US",
    "email": "jsmith@barracuda.com",
    "phone": "617-948-5300"
  }
}
```

Example XML

Request:

```
GET /v1/partners/barracuda/addresses HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<addresses>
  <contact>
    <name>John Smith</name>
    <company>barracuda</company>
    <street_address>334 Congress Street</street_address>
    <street_address2/>
    <city>Boston</city>
    <state>MA</state>
    <zip>02210</zip>
    <country>USA</country>
    <country_iso>US</country_iso>
    <email>jsmith@barracuda.com</email>
    <phone>617-948-5300</phone>
  </contact>
  <billing>
    <name>John Smith</name>
    <company>barracuda</company>
    <street_address>334 Congress Street</street_address>
    <street_address2/>
    <city>Boston</city>
    <state>MA</state>
    <zip>02210</zip>
    <country>USA</country>
    <country_iso>US</country_iso>
    <email>jsmith@barracuda.com</email>
    <phone>617-948-5300</phone>
```

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```
  </billing>
</addresses>
```

4.28.2 PUT /v1/partners/{username}/addresses

Edits a partner's addresses.

Scope	partners_write
Request Body Parameters	— contact (object) — name (string) — company (string) — street_address (string) — street_address2 (string) — city (string) — state (string) — zip (string) — country (string) - deprecated — country_iso (string) — email (string) — phone (string) — billing (object — name (string) — company (string) — street_address (string) — street_address2 (string) — city (string) — state (string) — zip (string) — country (string) - deprecated — country_iso (string) — email (string) — phone (string)
Response Attributes	• n/a

Example JSON

Request:

```
PUT /v1/partners/barracuda/addresses HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "contact": {
    "name": "John Smith",
    "company": "barracuda",
    "street_address": "334 Congress Street",
    "street_address2": "",
    "city": "Boston",
    "state": "MA",
    "zip": "02210",
    "country": "USA",
    "country_iso": "US",
```

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```
    "email": "jsmith@barracuda.com",
    "phone": "617-948-5300"
  },
  "billing": {
    "name": "John Smith",
    "company": "barracuda",
    "street_address": "334 Congress Street",
    "street_address2": "",
    "city": "Boston",
    "state": "MA",
    "zip": "02210",
    "country": "USA",
    "country_iso": "US",
    "email": "jsmith@barracuda.com",
    "phone": "617-948-5300"
  }
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
PUT /v1/partners/barracuda/addresses HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<addresses>
  <contact>
    <name>John Smith</name>
    <company>barracuda</company>
    <street_address>334 Congress Street</street_address>
    <street_address2/>
    <city>Boston</city>
    <state>MA</state>
    <zip>02210</zip>
    <country>USA</country>
    <country_iso>US</country_iso>
    <email>jsmith@barracuda.com</email>
    <phone>617-948-5300</phone>
  </contact>
  <billing>
    <name>John Smith</name>
    <company>barracuda</company>
    <street_address>334 Congress Street</street_address>
    <street_address2/>
    <city>Boston</city>
    <state>MA</state>
    <zip>02210</zip>
    <country>USA</country>
    <country_iso>US</country_iso>
    <email>jsmith@barracuda.com</email>
    <phone>617-948-5300</phone>
  </billing>
</addresses>
```

Response:

```
HTTP/1.1 204 No Content
```

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4.29 Partner Cancellation Controller

URI	/v1/partners/{username}/cancellation
URI Parameters	• username (string)
Methods	POST

4.29.1 POST /v1/partners/{username}/cancellation

Cancels a partner with a given reason.

Scope	partners_write
Request Body Parameters	• reason_id (int) – the reason id from the Cancellation Reason List resource • reason_note (string) – additional note that can be blank if reason doesn't require a note
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/partners/barracuda/cancellation HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "reason_id": 1,
  "reason_note": ""
}
```

Response:

```
HTTP/1.1 303 See Other
Location: https://api.intronis.com/v1/partners/barracuda
```

Example XML

Request:

```
POST /v1/partners/barracuda/cancellation HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<cancellation>
  <reason_id>1</reason_id>
  <reason_note/>
</cancellation>
```

Response:

```
HTTP/1.1 303 See Other
Location: https://api.intronis.com/v1/partners/barracuda
```

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4.30 Partner Plan List

URI	/v1/partners/{username}/plans
URI Parameters	• username (string)
Methods	GET, POST

4.30.1 GET /v1/partners/{username}/plans

Gets the partner's branded plans

Scope	partners_read
Query Selector Parameters	• n/a
Query Pagination Parameters	• page (int) – the page to show (min 1, default 1) • page_size (int) – the number of plans per page (min 1, max 50, default 10)
Query Sorting Parameters	• order_by (string const) – PLAN_ID|PLAN_NAME|PRICE • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• plan_id (int) • name (string) • base_usage (int) – bytes of base usage • base_price (decimal) – base price of the plan • link (link object)

Example JSON

Request:

```
ET /v1/partners/barracuda/plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

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Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 2,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/partners/barracuda/plans?page=1"
    },
  ],
  "list": [
    {
      "plan_id": 10,
      "name": "20g Monthly",
      "base_usage": 21474836480,
      "base_price": 19.95,
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/partners/barracuda/plans/10"
      }
    },
    {
      "plan_id": 11,
      "name": "10g Monthly",
      "base_usage": 10737418240,
      "base_price": 9.95,
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/partners/barracuda/plans/11"
      }
    }
  ]
}
```

Example XML

Request:

```
GET /v1/partners/barracuda/plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="2" page_size="10" count="2">
  <link rel="first" href="https://api.intronis.com/v1/partners/barracuda/plans?page=1"/>
  <plan>
    <plan_id>10</plan_id>
    <name>20g Monthly</name>
    <base_usage>21474836480</base_usage>
    <base_price>19.95</base_price>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda/plans/10"/>
  </plan>
  <plan>
```

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```
    <plan_id>11</plan_id>
    <name>10g Monthly</name>
    <base_usage>10737418240</base_usage>
    <base_price>9.95</base_price>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda/plans/11"/>
  </plan>
</list>
```

4.30.2 POST /v1/partners/{username}/plans

Creates a new branded plan for the partner

Scope	partners_write
Request Body Parameters	• name (string) • setup_price (decimal) – price of setup to be added during the first month of billing • base_usage (int) – bytes of base usage • base_price (decimal) – base price of the plan • extra_usage (int) – bytes of overusage blocks • extra_price (decimal) – price of each overusage block • computers (int) – number of computers included before charging for extra computers • computers_usage (int) – bytes of available usage added for each extra computer • computers_price (decimal) – price for each extra computer • local_backup_price (decimal) – price of a local backup subscription • vm_host_price (decimal) – price of a QuickSpin host license • disk_image_price (decimal) – price of a DiskImage license • es_seat_price(decimal) – price of each ECHOShare seat • es_connection_price(decimal)-price of each ECHOShare connection • es_cost_extra_block(decimal) – cost of each ECHOShare extra block
Response Attributes	• n/a

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Example JSON

Request:

```
POST /v1/partners/barracuda/plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "name": "20g Monthly",
  "setup_price": 0.00,
  "base_usage": 21474836480,
  "base_price": 19.95,
  "extra_usage": 1073741824,
  "extra_price": 0.95,
  "computers": 10,
  "computers_usage": 5368709120,
  "computers_price": 4.95,
  "local_backup_price": 4.95,
  "vm_host_price": 60,
  "disk_image_price": 60,
  "es_seat_price": 30,
  "es_connection_price": 25,
  "es_cost_extra_block": 50
}
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/partners/barracuda/plans/10
```

Example XML

Request:

```
POST /v1/partners/barracuda/plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<plan>
  <name>20g Monthly</name>
  <setup_price>0.00</setup_price>
  <base_usage>21474836480</base_usage>
  <base_price>19.95</base_price>
  <extra_usage>1073741824</extra_usage>
  <extra_price>0.95</extra_price>
  <computers>10</computers>
  <computers_usage>5368709120</computers_usage>
  <computers_price>4.95</computers_price>
  <local_backup_price>4.95</local_backup_price>
  <vm_host_price>60</vm_host_price>
  <disk_image_price>60</disk_image_price>
  <es_seat_price>30</es_seat_price>
  <es_connection_price>25</es_connection_price>
  <es_cost_extra_block>50</es_cost_extra_block>
</plan>
```

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Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/partners/barracuda/plans/10
```

4.31 Partner Plan

URI	/v1/partners/{username}/plans/{plan_id}
URI Parameters	• username (string) • plan_id (int)
Methods	GET, PUT, DELETE

4.31.1 GET /v1/partners/{username}/plans/{plan_id}

Gets a partner's branded plan

Scope	partners_read
Request Body Parameters	• n/a
Response Attributes	• name (string) • setup_price (decimal) – price of setup to be added during the first month of billing • base_usage (int) – bytes of base usage • base_price (decimal) – base price of the plan • extra_usage (int) – bytes of overusage blocks • extra_price (decimal) – price of each overusage block • computers (int) – number of computers included before charging for extra computers • computers_usage (int) – bytes of available usage added for each extra computer • computers_price (decimal) – price for each extra computer • local_backup_price (decimal) – price of a local backup subscription • vm_host_price (decimal) – price of a QuickSpin host license • disk_image_price (decimal) – price of a DiskImage license • es_seat_price(decimal) – price of each ECHOShare seat • es_connection_price(decimal)-price of each ECHOShare connection • es_cost_extra_block(decimal) – cost of each ECHOShare extra block

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Example JSON

Request:

```
GET /v1/partners/barracuda/plans/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "name": "20g Monthly",
  "setup_price": 0.00,
  "base_usage": 21474836480,
  "base_price": 19.95,
  "extra_usage": 1073741824,
  "extra_price": 0.95,
  "computers": 10,
  "computers_usage": 5368709120,
  "computers_price": 4.95,
  "local_backup_price": 4.95,
  "vm_host_price": 60,
  "disk_image_price": 60,
  "es_seat_price": 30,
  "es_connection_price": 25,
  "es_cost_extra_block": 50
}
```

Example XML

Request:

```
GET /v1/partners/barracuda/plans/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<plan>
  <name>20g Monthly</name>
  <setup_price>0.00</setup_price>
  <base_usage>21474836480</base_usage>
  <base_price>19.95</base_price>
  <extra_usage>1073741824</extra_usage>
  <extra_price>0.95</extra_price>
  <computers>10</computers>
  <computers_usage>5368709120</computers_usage>
  <computers_price>4.95</computers_price>
  <local_backup_price>4.95</local_backup_price>
  <vm_host_price>60</vm_host_price>
  <disk_image_price>60</disk_image_price>
  <es_seat_price>30</es_seat_price>
```

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```
  <es_connection_price>25</es_connection_price>
  <es_cost_extra_block>50</es_cost_extra_block>
</plan>
```

4.31.2 PUT /v1/partners/{username}/plans/{plan_id}

Edits a partner's branded plan.

Scope	partners_write
Request Body Parameters	• name (string) • setup_price (decimal) – price of setup to be added during the first month of billing • base_usage (int) – bytes of base usage • base_price (decimal) – base price of the plan • extra_usage (int) – bytes of overusage blocks • extra_price (decimal) – price of each overusage block • computers (int) – number of computers included before charging for extra computers • computers_usage (int) – bytes of available usage added for each extra computer • computers_price (decimal) – price for each extra computer • local_backup_price (decimal) – price of a local backup subscription • vm_host_price (decimal) – price of a QuickSpin host license • disk_image_price (decimal) – price of a DiskImage license • es_seat_price(decimal) – price of each ECHOShare seat • es_connection_price(decimal)-price of each ECHOShare connection • es_cost_extra_block(decimal) – cost of each ECHOShare extra block
Response Attributes	• n/a

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Example JSON

Request:

```
PUT /v1/partners/barracuda/plans/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "name": "20g Monthly",
  "setup_price": 0.00,
  "base_usage": 21474836480,
  "base_price": 19.95,
  "extra_usage": 1073741824,
  "extra_price": 0.95,
  "computers": 10,
  "computers_usage": 5368709120,
  "computers_price": 4.95,
  "local_backup_price": 4.95,
  "vm_host_price": 60,
  "disk_image_price": 60,
  "es_seat_price": 30,
  "es_connection_price": 25,
  "es_cost_extra_block": 50
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
PUT /v1/partners/barracuda/plans/10 HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<plan>
  <name>20g Monthly</name>
  <setup_price>0.00</setup_price>
  <base_usage>21474836480</base_usage>
  <base_price>19.95</base_price>
  <extra_usage>1073741824</extra_usage>
  <extra_price>0.95</extra_price>
  <computers>10</computers>
  <computers_usage>5368709120</computers_usage>
  <computers_price>4.95</computers_price>
  <local_backup_price>4.95</local_backup_price>
  <vm_host_price>60</vm_host_price>
  <disk_image_price>60</disk_image_price>
  <es_seat_price>30</es_seat_price>
  <es_connection_price>25</es_connection_price>
  <es_cost_extra_block>50</es_cost_extra_block>
</plan>
```

Response:

```
HTTP/1.1 204 No Content
```

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4.31.3 DELETE /v1/partners/{username}/plans/{plan_id}

Deletes a partner's branded plan.

Scope	partners_write
Request Body Parameters	• n/a
Response Attributes	• n/a

Example

Request:

```
DELETE /v1/partners/barracuda/users/tech_user HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 204 No Content
```

4.32 Partner Signup List

URI	/v1/partners/{username}/signups
URI Parameters	• username (string)
Methods	GET

4.32.1 GET /v1/partners/{username}/signups

Gets the partner's signups.

Scope	partners_read
Query Selector Parameters	• since (date) • type (string const) – ACCOUNT|PARTNER – If no type is specified, then all types will be returned • status (string const) – ACTIVE|TEST|FROZEN|CANCELED – If no status is specified, then all statuses will be returned
Query Pagination Parameters	• page (int) – the page to show (min 1, default 1) • page_size (int) – the number of signups per page (min 1, max 100, default 10)
Query Sorting Parameters	• order_by (string const) – TYPE|USERNAME|NAME • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• username (string) • name (string) • company (string)

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	• type (string const) – ACCOUNT|PARTNER • usage (int) – number of bytes stored • link (link object)

Example JSON

Request:

```
GET /v1/partners/barracuda/signups HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 2,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/partners/barracuda/signups?page=1"
    },
  ],
  "list": [
    {
      "username": "barracuda_a",
      "name": "John Smith",
      "company": "barracuda",
      "type": "ACCOUNT",
      "usage": 1099511627776,
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/accounts/barracuda_a"
      }
    },
    {
      "username": "barracuda__p",
      "name": "John Smith",
      "company": "barracuda",
      "type": "PARTNER",
      "usage": 1099511627776,
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/partners/barracuda_p"
      }
    }
  ]
}
```

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Example XML

Request:

```
GET /v1/partners/barracuda/signups HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="2" page_size="10" count="2">
  <link rel="first" href="https://api.intronis.com/v1/partners/barracuda/signups?page=1"/>
  <signup>
    <username>barracuda_a</username>
    <name>John Smith</name>
    <company>barracuda</company>
    <type>ACCOUNT</type>
    <usage>1099511627776</usage>
    <link rel="self" href="https://api.intronis.com/v1/accounts/barracuda_a"/>
  </signup>
  <signup>
    <username>barracuda_p</username>
    <name>John Smith</name>
    <company>barracuda</company>
    <type>PARTNER</type>
    <usage>1099511627776</usage>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda_p"/>
  </signup>
</list>
```

4.33 Partner Password Changer Controller

URI	/v1/partners/{username}/password
URI Parameters	• username (string)
Methods	POST

4.33.1 POST /v1/partners/{username}/password

Changes a partner's password.

Scope	partners_write
Request Body Parameters	• current_password (string) – the partner's current password • new_password (string) – the new password to be saved to the partner
Response Attributes	• n/a

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Example JSON

Request:

```
POST /v1/partners/barracuda/password HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "current_password": "password",
  "new_password": "password1"
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
POST /v1/partners/barracuda/password HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<password>
  <current_password>password</current_password>
  <new_password>password1</new_password>
</password>
```

Response:

```
HTTP/1.1 204 No Content
```

4.34 Partner User List

URI	/v1/partners/{username}/users
URI Parameters	• username (string)
Methods	GET, POST

4.34.1 GET /v1/partners/{username}/users

Gets a partner's users.

Scope	partners_read
Query Selector Parameters	• role (string const) – ADMIN|TECH|FINANCE – If no role is specified, then all roles will be returned
Query Pagination Parameters	• page (int) – the page to show (min 1, default 1) • page_size (int) – the number of users per page

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	min1, max 50, default 10)
Query Sorting Parameters	• order_by (string const) – USERNAME|NAME • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• username (string) • name (string) • role (string const) – ADMIN|TECH|FINANCE • link (link object)

Example JSON

Request:

```
GET /v1/partners/barracuda/users HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 2,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/partners/barracuda/users?page=1"
    },
  ],
  "list": [
    {
      "username": "tech_user",
      "name": "John Smith",
      "role": "TECH",
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/partners/barracuda/users/tech_user"
      }
    },
    {
      "username": "admin_user",
      "name": "John Smith",
      "role": "ADMIN",
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/partners/barracuda/users/admin_user"
      }
    }
  ]
}
```

Example XML

Request:

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```
GET /v1/partners/barracuda/users HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="2" page_size="10" count="2">
  <link rel="first" href="https://api.intronis.com/v1/partners/barracuda/users?page=1"/>
  <user>
    <username>tech_user</username>
    <name>John Smith</name>
    <role>TECH</role>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda/users/tech_user"/>
  </user>
  <user>
    <username>admin_user</username>
    <name>John Smith</name>
    <role>ADMIN</role>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda/users/admin_user"/>
  </user>
</list>
```

4.34.2 POST /v1/partners/{username}/users

Adds a new user to the partner.

Scope	partners_write
Request Body Parameters	• username (string) • password (string) • name (string) • company (string) • street_address (string) • street_address2 (string) • city (string) • state (string) • zip (string) • country (string) - deprecated • country_iso (string) • email (string) • phone (string) • role (string const) – ADMIN|TECH|FINANCE
Response Attributes	• n/a

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Example JSON

Request:

```
POST /v1/partners/barracuda/users HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "username": "tech_user",
  "password": "ps8wEzeT",
  "name": "John Smith",
  "company": "barracuda",
  "street_address": "334 Congress Street",
  "street_address2": "",
  "city": "Boston",
  "state": "MA",
  "zip": "02210",
  "country": "USA",
  "country_iso": "US",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "role": "TECH"
}
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/partners/barracuda/users/tech_user
```

Example XML

Request:

```
POST /v1/partners/barracuda/users HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8" ?>
<user>
  <username>tech_user</username>
  <password>ps8wEzeT</password>
  <name>John Smith</name>
  <company>barracuda</company>
  <street_address>334 Congress Street</street_address>
  <street_address2/>
  <city>Boston</city>
  <state>MA</state>
  <zip>02210</zip>
  <country>USA</country>
  <country_iso>US</country_iso>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
  <role>TECH</role>
</user>
```

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Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/partners/barracuda/users/tech_user
```

4.35 Partner User

URI	/v1/partners/{username}/users/{user_username}
URI Parameters	• username (string) • user_username (string)
Methods	GET, PUT, DELETE

4.35.1 GET /v1/partners/{username}/users/{user_username}

Gets a partner's user information.

Scope	partners_read
Request Body Parameters	• n/a
Response Attributes	• name (string) • company (string) • street_address (string) • street_address2 (string) • city (string) • state (string) • zip (string) • country (string) - deprecated • country_iso (string) • email (string) • phone (string) • role (string const) – ADMIN|TECH|FINANCE

Example JSON

Request:

```
GET /v1/partners/barracuda/users/tech_user HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "name": "John Smith",
  "company": "barracuda",
  "street_address": "334 Congress Street",
  "street_address2": "",
  "city": "Boston",
  "state": "MA",
  "zip": "02210",
  "country": "USA",
  "country_iso": "US",
```

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```
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "role": "TECH"
}
```

Example XML

Request:

```
GET /v1/partners/barracuda/users/tech_user HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8" ?>
<user>
  <name>John Smith</name>
  <company>barracuda</company>
  <street_address>334 Congress Street</street_address>
  <street_address2/>
  <city>Boston</city>
  <state>MA</state>
  <zip>02210</zip>
  <country>USA</country>
  <country_iso>US</country_iso>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
  <role>TECH</role>
</user>
```

4.35.2 PUT /v1/partners/{username}/users/{user_username}

Edits a partner's user's information.

Scope	partners_write
Request Body Parameters	• name (string) • company (string) • street_address (string) • street_address2 (string) • city (string) • state (string) • zip (string) • country (string) - deprecated • country_iso (string) • email (string) • phone (string) • role (string const) – ADMIN|TECH|FINANCE
Response Attributes	• n/a

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Example JSON

Request:

```
PUT /v1/partners/barracuda/users/tech_user HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "name": "John Smith",
  "company": "barracuda",
  "street_address": "334 Congress Street",
  "street_address2": "",
  "city": "Boston",
  "state": "MA",
  "zip": "02210",
  "country": "USA",
  "country_iso": "US",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "role": "TECH"
}
```

Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
GET /v1/partners/barracuda/users/tech_user HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8" ?>
<user>
  <name>John Smith</name>
  <company>barracuda</company>
  <street_address>334 Congress Street</street_address>
  <street_address2/>
  <city>Boston</city>
  <state>MA</state>
  <zip>02210</zip>
  <country>USA</country>
  <country_iso>US</country_iso>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
  <role>TECH</role>
</user>
```

Response:

```
HTTP/1.1 204 No Content
```

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4.35.3 DELETE /v1/partners/{username}/users/{user_username}

Deletes a partner's user.

Scope	partners_write
Request Body Parameters	• n/a
Response Attributes	• n/a

Example

Request:

```
DELETE /v1/partners/barracuda/users/tech_user HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
```

Response:

```
HTTP/1.1 204 No Content
```

4.36 Partner User Password Changer Controller

URI	/v1/partners/{username}/users/{user_username}/password
URI Parameters	• username (string) • user_username (string)
Methods	POST

4.36.1 POST /v1/partners/{username}/users/{user_username}/password

Changes a partner user's password.

Scope	partners_write
Request Body Parameters	• current_password (string) – the user's current password • new_password (string) – the new password to be saved to the user
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/partners/barracuda/users/tech_user/password HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "current_password": "password",
  "new_password": "password1"
}
```

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Response:

```
HTTP/1.1 204 No Content
```

Example XML

Request:

```
POST /v1/partners/barracuda/users/tech_user/password HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<password>
  <current_password>password</current_password>
  <new_password>password1</new_password>
</password>
```

Response:

```
HTTP/1.1 204 No Content
```

4.37 Partner Usage History List

URI	/v1/partners/{username}/usage_history
URI Parameters	• username (string)
Methods	GET

4.37.1 GET /v1/partners/{username}/usage_history

Gets a partner's usage history

Scope	partners_read
Query Selector Parameters	• start_date (date) • end_date (date) • resolution (string const) – DAY|WEEK|MONTH|CUSTOM • custom (int) – number of days between dates (min 1, max 60, default 1)
Query Pagination Parameters	• page (int) – the page number to show (min 1, default 1) • page_size (int) – the number of actions per page (min 1, max 90, default varies: 30 DAY, 26 WEEK, 12 MONTH, 30 CUSTOM)
Query Sorting Parameters	• order_by (string const) – DATE • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• date (date) • bytes (int) – number of bytes stored

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Example JSON

Request:

```
GET /v1/partner/barracuda/usage_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 10,
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/partners/barracuda/usage_history?page=1"
    },
    {
      "rel": "next",
      "href": "https://api.intronis.com/v1/partners/barracuda/usage_history?page=2"
    }
  ],
  "list": [
    {
      "date": "2011-01-01T00:00:00-05:00",
      "bytes": 4368709120
    },
    {
      "date": "2011-01-02T00:00:00-05:00",
      "bytes": 5368709120
    }
  ]
}
```

Example XML

Request:

```
GET /v1/partners/barracuda/usage_history HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="10" count="100">
  <link rel="first" href="https://api.intronis.com/v1/partners/barracuda/usage_history?page=1"/>
  <link rel="next" href="https://api.intronis.com/v1/partners/barracuda/usage_history?page=2"/>
  <usage>
    <date>2011-01-01T00:00:00-05:00</date>
    <bytes>4368709120</bytes>
```

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```
  </usage>
  <usage>
    <date>2011-01-02T00:00:00-05:00</date>
    <bytes>5368709120</bytes>
  </usage>
</list>
```

4.38 Partner Reports

URI	/v1/partners/{username}/reports
URI Parameters	• username (string)
Methods	GET

4.38.1 GET /v1/partners/{username}/reports

Gets a partner's report links.

Scope	partners_read
Request Body Parameters	• n/a
Response Attributes	• backup_status (link object) • plan_percentage (link object)

Example JSON

Request:

```
GET /v1/partners/barracuda/reports HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "links": [
    {
      "title": "backup_status",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/reports/backup_status"
    },
    {
      "title": "plan_percentage",
      "rel": "related",
      "href": "https://api.intronis.com/v1/partners/barracuda/reports/plan_percentage"
    }
  ]
}
```

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Example XML

Request:

```
GET /v1/partners/barracuda/reports HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<reports>
  <link title="backup_status" rel="related"
href="https://api.intronis.com/v1/partners/barracuda/reports/backup_status"/>
  <link title="plan_percentage" rel="related"
href="https://api.intronis.com/v1/partners/barracuda/reports/plan_percentage"/>
</reports>
```

4.39 Partner Backup Status Report

URI	/v1/partners/{username}/reports/backup_status
URI Parameters	• username (string)
Methods	GET

4.39.1 GET /v1/partners/{username}/reports/backup_status

Gets a partner's backup status report.

Scope	partners_read
Query Selector Parameters	• condition_status (string const) – one or more of COMPLETED, RUNNING, WARNING, or FAILURE
Query Pagination Parameters	• n/a – will always return report on one page
Query Sorting Parameters	• order_by (string const) – USERNAME • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• report_date (date) • username (string) • computer_id (string) • computer_name (string) • backupset_name (string) – name of the backupset • local_start (date) – local computer's start date • local_end (date) – local computer's last update/end date • condition_status (string const) – COMPLETED|RUNNING|WARNING|FAILURE • condition_types (array of string consts) – one

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	or more of COMPLETED, RUNNING, WARNINGS, CANCELED, ERRORS, MISSED, EXCEPTION, NO_DATA_RESTORED, NO_DATA_DELETED, NO_FILE_DATA_BACKED_UP, or NO_EXCHANGE_OR_SQL_DATA_BACKED_UP • errors (int) – number of logged errors • warnings (int) – number of logged warnings

Example JSON

Request:

```
GET /v1/partners/barracuda/reports/backup_status HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 100,
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/partners/barracuda/reports/backup_status?page=1"
    }
  ],
  "list": [
    {
        "report_date": "2011-01-01T10:00:00-05:00",
        "username": "barracuda_a",
        "computer_id": "0000",
        "computer_name": "Mail Server",
        "backupset_name": "Exchange",
        "local_start": "2011-01-01T01:00:00-05:00",
        "local_end": "2011-01-01T02:00:00-05:00",
        "condition_status": "COMPLETED",
        "condition_types": [
          "COMPLETED"
        ],
        "errors": 0,
        "warnings": 0
    },
    {
        "report_date": "2011-01-01T10:00:00-05:00",
        "username": "barracuda_b",
        "computer_id": "0000",
        "computer_name": "Personal Computer",
        "backupset_name": "My Docs",
        "local_start": "2011-01-01T01:00:00-05:00",
        "local_end": "2011-01-01T01:03:00-05:00",
        "condition_status": "WARNING",
        "condition_types": [
          "WARNINGS",
          "CANCELED"
```

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```
        ],
        "errors": 0,
        "warnings": 2
    }
  ]
}
```

Example XML

Request:

```
GET /v1/partners/barracuda/reports/backup_status HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="100" count="100">
  <link rel="first"
href="https://api.intronis.com/v1/partners/barracuda/reports/backup_status?page=1"/>
  <backup_status>
    <report_date>2011-01-01T10:00:00-05:00</report_date>
    <username>barracuda_a</username>
    <computer_id>0000</computer_id>
    <computer_name>Mail Server</computer_name>
    <backupset_name>Exchange</backupset_name>
    <local_start>2011-01-01T01:00:00-05:00</local_start>
    <local_end>2011-01-01T02:00:00-05:00</local_end>
    <condition_status>COMPLETED</condition_status>
    <condition_type>COMPLETED</condition_types>
    <errors>0</errors>
    <warnings>0</warnings>
  </backup_status>
  <backup_status>
    <report_date>2011-01-01T10:00:00-05:00</report_date>
    <username>barracuda_b</username>
    <computer_id>0000</computer_id>
    <computer_name>Personal Computer</computer_name>
    <backupset_name>My Docs</backupset_name>
    <local_start>2011-01-01T01:00:00-05:00</local_start>
    <local_end>2011-01-01T01:03:00-05:00</local_end>
    <condition_status>WARNING</condition_status>
    <condition_type>WARNINGS</condition_types>
    <condition_type>CANCELED</condition_types>
    <errors>0</errors>
    <warnings>2</warnings>
  </backup_status>
</list>
```

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4.40 Partner Plan Percentage Report

URI	/v1/partners/{username}/reports/plan_percentage
URI Parameters	• username (string)
Methods	GET

4.40.1 GET /v1/partners/{username}/reports/plan_percentage

Gets a partner's plan percentage report.

Scope	partners_read
Query Selector Parameters	• type (string const) – ACCOUNT|PARTNER – If no type is specified, then all types will be returned • status (string const) – ACTIVE|TEST|FROZEN|CANCELED – If no status is specified, then all statuses will be returned
Query Pagination Parameters	• page (int) – the page to show (min 1, default 1) • page_size (int) – the number of rows per page (min 1, max 50, default 10)
Query Sorting Parameters	• order_by (string const) – TYPE |USERNAME|NAME • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• username (string) • name (string) • company (string) • type (string const) – ACCOUNT|PARTNER • plan_name (string) • total_usage (int) – total number of bytes stored • additional_usage (int) – number of bytes over the plan's allowed usage • percentage (decimal) – percentage of total usage of the plan's allowed usage

Example JSON

Request:

```
GET /v1/partners/barracuda/reports/plan_percentage HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

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Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 100,
  "count": 100,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/partners/barracuda/reports/backup_status?page=1"
    }
  ],
  "list": [
    {
      "username": "barracuda_a",
      "name": "John Smith",
      "company": "barracuda",
      "type": "ACCOUNT",
      "plan_name": "1TB Plan",
      "total_usage": 824633720832,
      "additional_usage": 0,
      "percentage": 75.00
    },
    {
      "username": "barracuda_p",
      "name": "John Smith",
      "company": "barracuda",
      "type": "PARTNER",
      "plan_name": "1TB Plan",
      "total_usage": 1649267441664,
      "additional_usage": 549755813888,
      "percentage": 150.00
    }
  ]
}
```

Example XML

Request:

```
GET /v1/partners/barracuda/reports/plan_percentage HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="1" page_size="100" count="100">
  <link rel="first"
href="https://api.intronis.com/v1/partners/barracuda/reports/backup_status?page=1"/>
  <plan_percentage>
    <username>barracuda_a</username>
    <name>John Smith</name>
    <company>barracuda</company>
    <type>ACCOUNT</type>
    <plan_name>1TB Plan</plan_name>
    <total_usage>824633720832</total_usage>
```

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```
    <additional_usage>0</additional_usage>
    <percentage>75.00</percentage>
  </plan_percentage>
  <plan_percentage>
    <username>barracuda_p</username>
    <name>John Smith</name>
    <company>Barracuda</company>
    <type>PARTNER</type>
    <plan_name>1TB Plan</plan_name>
    <total_usage>1649267441664</total_usage>
    <additional_usage>549755813888</additional_usage>
    <percentage>150.00</percentage>
  </plan_percentage>
</list>
```

4.41 Trial Partner Creation Controller

URI	/v1/trialpartners
URI Parameters	• n/a
Methods	POST

4.41.1 POST /v1/trialpartners

Creates a new partner with the given properties. When requesting access_token, grant_type must be set to value *trial_partners*.

Scope	trial_partners_write
Request Body Parameters	• username (string) • password (string) • name (string) • company (string) • street_address (string) • street_address2 (string) • city (string) • state (string) • zip (string) • country (string) - deprecated • country_iso (string) -- **required** • email (string) • phone (string) • coupon_code (string)
Response Attributes	• n/a

Example JSON

Request:

```
POST /v1/partners HTTP/1.1
Host: com
Authorization: OAuth vF9dft4qmT
Content-Type: application/json

{
  "username": "barracuda",
  "password": "ps8wEzeT",
  "name": "John Smith",
  "company": "barracuda",
```

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```
  "street_address": "334 Congress Street",
  "street_address2": "",
  "city": "Boston",
  "state": "MA",
  "zip": "02210",
  "country": "USA",
  "country_iso": "US",
  "email": "jsmith@barracuda.com",
  "phone": "617-948-5300",
  "coupon_code": "abcdefgegh"
}
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/partners/barracuda
```

Example XML

Request:

```
POST /v1/trialpartners HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8" ?>
<partner>
  <username>barracuda</username>
  <password>ps8wEzeT</password>
  <name>John Smith</name>
  <company>barracuda</company>
  <street_address>334 Congress Street</street_address>
  <street_address2/>
  <city>Boston</city>
  <state>MA</state>
  <zip>02210</zip>
  <country>USA</country>
  <country_iso>US</country_iso>
  <email>jsmith@barracuda.com</email>
  <phone>617-948-5300</phone>
  <coupon_code>10</coupon_code>
</partner>
```

Response:

```
HTTP/1.1 201 Created
Location: https://api.intronis.com/v1/partners/barracuda
```

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4.42 Partner Package Plan List

URI	/v1/partners/{username}/package_plans
URI Parameters	• username (string)
Methods	GET

4.42.1 GET / v1/partners/{username}/package_plans

Gets the partner's package pricing plans, which are assigned to partner's account. If an account's username provided, show the pricing plans available to the account.

Scope	partners_read
Query Selector Parameters	• n/a
Query Sorting Parameters	• username (string) – Account's username • order_by (string const) – PLAN_ID|PLAN_NAME|PRICE • order_dir (string const) – ASC|DESC
Request Body Parameters	• n/a
Response Attributes	• plan_id (int) • name (string) • base_usage (int) – bytes of base usage • base_price (decimal) – base price of the plan • link (link object)

Example JSON

Request:

```
GET /v1/partners/barracuda/package_plans?username=account HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 100,
  "count": 2,
  "links": [
    {
      "rel": "first",
      "href": "https://api.intronis.com/v1/partners/barracuda/package_plans?username=account"
    },
  ],
  "list": [
    {
      "plan_id": 10,
      "name": "20g Monthly",
      "base_usage": 21474836480,
      "base_price": 19.95,
      "link": {
        "rel": "self",
```

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```
        "href": "https://api.intronis.com/v1/partners/barracuda/plans/10"
      }
    },
    {
      "plan_id": 11,
      "name": "10g Monthly",
      "base_usage": 10737418240,
      "base_price": 9.95,
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/partners/barracuda/plans/11"
      }
    }
  ]
}
```


Example2 JSON

Request:

```
GET /v1/partners/barracuda/package_plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/json
```

Response:


```
HTTP/1.1 200 OK
Content-Type: application/json

{
  "page": 1,
  "page_size": 100,
  "count": 2,
  "links": [
    {
      "rel": "first",
      "href":"https://api.intronis.com/v1/partners/barracuda/package_plans"
    },
  ],
  "list": [
    {
      "plan_id": 10,
      "name": "20g Monthly",
      "base_usage": 21474836480,
      "base_price": 19.95,
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/partners/barracuda/plans/10"
      }
    },
    {
      "plan_id": 11,
      "name": "10g Monthly",
      "base_usage": 10737418240,
      "base_price": 9.95,
      "link": {
        "rel": "self",
        "href": "https://api.intronis.com/v1/partners/barracuda/plans/11"
      }
    }
  ]
}
```


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Example XML

Request:

```
GET /v1/partners/barracuda/package_plans HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="2" page_size="10" count="2">
  <link rel="first" href="https://api.intronis.com/v1/partners/barracuda/package_plans"/>
  <plan>
    <plan_id>10</plan_id>
    <name>20g Monthly</name>
    <base_usage>21474836480</base_usage>
    <base_price>19.95</base_price>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda/plans/10"/>
  </plan>
  <plan>
    <plan_id>11</plan_id>
    <name>10g Monthly</name>
    <base_usage>10737418240</base_usage>
    <base_price>9.95</base_price>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda/plans/11"/>
  </plan>
</list>
```

Example2 XML

Request:

```
GET /v1/partners/barracuda/package_plans?username=account HTTP/1.1
Host: api.intronis.com
Authorization: OAuth vF9dft4qmT
Accept: application/xml
```

Response:

```
HTTP/1.1 200 OK
Content-Type: application/xml

<?xml version="1.0" encoding="UTF-8"?>
<list page="2" page_size="10" count="2">
  <link rel="first"
href="https://api.intronis.com//v1/partners/barracuda/package_plans?username=account "/>
  <plan>
    <plan_id>10</plan_id>
    <name>20g Monthly</name>
    <base_usage>21474836480</base_usage>
    <base_price>19.95</base_price>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda/plans/10"/>
  </plan>
  <plan>
    <plan_id>11</plan_id>
    <name>10g Monthly</name>
```

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```
    <base_usage>10737418240</base_usage>
    <base_price>9.95</base_price>
    <link rel="self" href="https://api.intronis.com/v1/partners/barracuda/plans/11"/>
  </plan>
</list>
```

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