## runZero API

runZero Network Discovery API

More information: https://www.runzero.com/

Contact Info: <a href="mailto:support@runzero.com">support@runzero.com</a>

Version: 2.14.10 BasePath:/api/v1.0 Commercial

https://www.runzero.com/legal/terms

#### Access

1. HTTP Basic Authentication

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## Account

## PUT /account/credentials

<u>Up</u>

Create a new credential (createAccountCredential)

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## CredentialOptions CredentialOptions (required)

Body Parameter —

## Return type

Credential

#### **Example data**

Content-Type: application/json

```
{
  "last_used_at" : 1576300370,
  "name" : "credentials_name",
  "created_at" : 1576300370,
  "global" : false,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "created_by_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "acl" : {
      "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8" : "user"
   },
  "cidrs" : [ "10.0.0.47/32", "192.168.1.0/24" ],
  "last_used_by_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "type" : "miradore_api_key_v1",
  "created_by_email" : "user@example.com",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

credential details Credential

401

Access token is missing or invalid

404

Resource not found

# POST /account/groups

<u>U</u>p

Create a new group (createAccountGroup)

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## GroupPost GroupPost (required)

Body Parameter —

## Responses

200

401

Access token is missing or invalid

## POST /account/sso/groups



Create a new SSO group mapping (createAccountGroupMapping)

## Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

#### Request body

## GroupMapping GroupMapping (required)

Body Parameter —

## Responses

200

401

Access token is missing or invalid

# PUT /account/keys



Create a new key (createAccountKey)

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## APIKeyOptions APIKeyOptions (required)

Body Parameter —

#### Return type

**APIKey** 

## **Example data**

```
"usage_limit" : 10000,
   "created_at" : 1576300370,
   "counter" : 1,
   "type" : "org",
   "created_by" : "user@example.com",
   "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "token" : "CTXXXXXXXXXXXXXXX,
   "usage_today" : 100,
   "last_used_at" : 0,
   "inactive" : false,
   "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "last_used_ua" : "curl/7.44.1",
   "comment" : "API key used for Splunk integration",
   "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "last_used_ip" : "127.0.0.1"
}
```

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#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

key details **APIKey** 

401

Access token is missing or invalid

404

Resource not found

## PUT /account/orgs

<u>Up</u>

Create a new organization (createAccountOrganization)

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## OrgOptions OrgOptions (required)

Body Parameter —

## Return type

**Organization** 

## **Example data**

```
"export_token_last_used_at" : 0,
"deactivated_at" : 0,
"download_token_created_at" : 1576300370,
"export_token_created_at" : 1576300370,
"created_at" : 1576300370,
"description": "All subdivisions of my company",
"service_count_udp" : 1,
"project" : false,
"export_token" : "ET11226D9EEEA2B035D42569585900",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"export_token_counter" : 0,
"asset_count" : 100,
"inactive" : false,
"updated_at" : 1576300370,
"export_token_last_used_by" : "127.0.0.1",
"expiration_assets_stale" : 365,
"id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"download_token" : "DT11226D9EEEA2B035D42569585900",
"service_count" : 10,
"service_count_tcp" : 7,
"service_count_arp" : 1,
"expiration_scans" : 365,
"service_count_icmp" : 1,
"expiration_assets_offline" : 365,
"permanent" : true,
```

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```
"parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "name" : "My Company"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

organization details Organization

401

Access token is missing or invalid

404

Resource not found

## POST /account/tasks/templates



Create a new scan template (createAccountScanTemplate)

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## ScanTemplateOptions ScanTemplateOptions (required)

Body Parameter —

## Return type

**ScanTemplate** 

#### **Example data**

```
"agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hidden" : false,
"created_at" : 1576300370,
"description" : "My Scan Template",
"global" : false,
"acl" : {
  "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8" : "user"
},
"type" : "scan",
"agent
"error": "agent unavailable",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"updated_at" : 1576300370,
"stats" : {
  "key" : ""
"recur" : false,
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"size_site" : 0,
"recur_last" : 1576300370,
"recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
```

```
"hosted_zone_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "params" : {
    "key" : "params"
  "created_by" : "user@example.com",
  "created_by_user_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "size_results" : 0,
  "grace_period" : "4"
  "start_time" : 1576300370,
  "linked_task_count" : 1,
"recur_frequency" : "hour"
  "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "My Scan Template",
  "template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "source_id" : "1",
  "size_data" : 0,
  "recur_next" : 1576300370,
  "status" : "processed"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

scan template ScanTemplate

401

Access token is missing or invalid

422

invalid request body

400

invalid request body

## PUT /account/users



Create a new user account (createAccountUser)

## Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## UserOptions <u>UserOptions</u> (required)

Body Parameter —

#### Return type

<u>User</u>

#### **Example data**

```
{
    "org_default_role" : "admin",
```

```
"last_login_at" : 1576300370,
   "org_roles" : {
        "key" : ""
   },
   "created_at" : 1576300370,
   "last_name" : "Smith",
   "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "invite_token_expiration" : 1576300370,
   "sso_only" : false,
   "updated_at" : 1576300370,
   "last_login_ip" : "192.168.0.1",
   "login_failures" : 0,
   "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "reset_token_expiration" : 1576300370,
   "last_login_ua" : "curl/1.0",
   "first_name" : "James",
   "email" : "jsmith@example.com",
   "client_admin" : true
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

key details **User** 

401

Access token is missing or invalid

404

Resource not found

## PUT /account/users/invite



Create a new user account and send an email invite (createAccountUserInvite)

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

UserInviteOptions UserInviteOptions (required)

Body Parameter —

#### Return type

<u>User</u>

## Example data

```
{
  "org_default_role" : "admin",
  "last_login_at" : 1576300370,
  "org_roles" : {
    "key" : ""
},
```

```
"created_at" : 1576300370,
"last_name" : "Smith",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"invite_token_expiration" : 1576300370,
"sso_only" : false,
"updated_at" : 1576300370,
"last_login_ip" : "192.168.0.1",
"login_failures" : 0,
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"reset_token_expiration" : 1576300370,
"last_login_ua" : "curl/1.0",
"first_name" : "James",
"email" : "jsmith@example.com",
"client_admin" : true
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

key details User

401

Access token is missing or invalid

404

Resource not found

# DELETE /account/orgs/{org\_id}/exportToken

<u>U</u>r

Removes the export token from the specified organization (deleteAccountOrganizationExportToken)

## Path parameters

#### org\_id (required)

Path Parameter — UUID of the organization to retrieve default: null format: uuid

#### Responses

204

empty response

401

Access token is missing or invalid

# GET /account/events.json



System event log as JSON (exportEventsJSON)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

#### fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

## Return type

## array[Event]

## Example data

Content-Type: application/json

```
"target_name" : "SiteName",
  "target_type" : "api",
  "created_at" : 1576300370,
  "source_type" : "api",
  "target_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "success" : true,
  "organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "action" : "login",
  "processor_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "processed_at" : 0,
  "details" : {
  "key" : ""
 },
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "source_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "state" : "SiteName",
  "source_name" : "SiteName"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

#### 200

filtered event results

401

Access token is missing or invalid

# GET /account/events.jsonl



System event log as JSON line-delimited (exportEventsJSONL)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

## fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

#### Return type

array[Event]

## **Example data**

```
{
  "target_name" : "SiteName",
  "target_type" : "api",
```

```
"created_at" : 1576300370,
  "source_type" : "api",
  "target_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "success" : true,
  "organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "action" : "login",
  "processor_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "processed_at" : 0,
  "details" : {
    "key" : ""
  },
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "source_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "state" : "SiteName",
  "source_name" : "SiteName"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

filtered event results

401

Access token is missing or invalid

## GET /account/agents



Get all agents across all organizations (getAccountAgents)

#### **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[Agent]

#### Example data

```
"os" : "Windows",
  "system_info" : {
    "key" : ""
},
  "deactivated_at" : 0,
  "created_at" : 1576300370,
  "last_checkin" : 1576300370,
  "version" : "1.2.3 (build 20191219224016) [fc50c5eefdc3ff5c60533c3c345d14d336396272]",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "host_id" : "6f9e6fe52271da70962e007183c5c9c9",
  "internal_ip" : "192.168.0.1",
  "connected" : true,
  "hub_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
```

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```
"inactive" : false,
  "updated_at" : 1576300370,
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "RUNZERO-AGENT",
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "arch" : "amd64",
  "external_ip" : "1.1.1.1"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of tasks

401

Access token is missing or invalid

# GET /account/credentials/{credential\_id}



Get credential details (getAccountCredential)

## Path parameters

## credential\_id (required)

Path Parameter — UUID of the credential to retrieve default: null format: uuid

## Return type

## Credential

#### **Example data**

Content-Type: application/json

```
{
  "last_used_at" : 1576300370,
  "name" : "credentials_name",
  "created_at" : 1576300370,
  "global" : false,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "created_by_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "acl" : {
      "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8" : "user"
  },
  "cidrs" : [ "10.0.0.47/32", "192.168.1.0/24" ],
  "last_used_by_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "type" : "miradore_api_key_v1",
  "created_by_email" : "user@example.com",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

credential details Credential

401

Access token is missing or invalid

404

Resource not found

## GET /account/credentials

<u>U</u>r

Get all account credentials (getAccountCredentials)

## **Query parameters**

### search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[Credential]

#### Example data

Content-Type: application/json

```
{
  "last_used_at" : 1576300370,
  "name" : "credentials_name",
  "created_at" : 1576300370,
  "global" : false,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "created_by_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "acl" : {
      "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8" : "user"
   },
  "cidrs" : [ "10.0.0.47/32", "192.168.1.0/24" ],
  "last_used_by_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "type" : "miradore_api_key_v1",
  "created_by_email" : "user@example.com",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of credentials

401

Access token is missing or invalid

# GET /account/groups/{group\_id}



Get group details (getAccountGroup)

## Path parameters

### group\_id (required)

Path Parameter — UUID of the group default: null format: uuid

#### Responses

200

401

Access token is missing or invalid

404

Resource not found

# GET /account/sso/groups/{group\_mapping\_id}

Up

Get SSO group mapping details (getAccountGroupMapping)

## Path parameters

## group\_mapping\_id (required)

Path Parameter — UUID of the SSO group mapping default: null format: uuid

#### Responses

200

401

Access token is missing or invalid

404

Resource not found

# GET /account/sso/groups



Get all SSO group mappings (getAccountGroupMappings)

## Responses

200

401

Access token is missing or invalid

# GET /account/groups



Get all groups (getAccountGroups)

#### Responses

200

401

Access token is missing or invalid

# GET /account/keys/{key\_id}



Get key details (getAccountKey)

## Path parameters

## key\_id (required)

Path Parameter — UUID of the key to retrieve default: null format: uuid

## Responses

200 401

Access token is missing or invalid

# GET /account/keys

<u>Up</u>

Get all active API keys (getAccountKeys)

## Return type

array[APIKey]

#### **Example data**

Content-Type: application/json

```
"usage_limit" : 10000,
    "created_at" : 1576300370,
    "counter" : 1,
    "type" : "org",
    "created_by" : "user@example.com",
    "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "token" : "CTXXXXXXXXXXXXXXX,
    "usage_today" : 100,
    "last_used_at" : 0,
    "inactive" : false,
    "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "last_used_ua" : "curl/7.44.1",
    "comment" : "API key used for Splunk integration",
    "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "last_used_ip" : "127.0.0.1"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

array of keys

401

Access token is missing or invalid

## GET /account/license



Get license details (getAccountLicense)

## Responses

200

401

Access token is missing or invalid

# GET /account/orgs/{org\_id}



Get organization details (getAccountOrganization)

## Path parameters

#### org\_id (required)

Path Parameter — UUID of the organization to retrieve default: null format: uuid

#### Responses

200 401

Access token is missing or invalid

## GET /account/orgs

<u>Up</u>

Get all organization details (getAccountOrganizations)

## **Query parameters**

### search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[Organization]

## **Example data**

Content-Type: application/json

```
"export_token_last_used_at" : 0,
  "deactivated_at" : 0,
  "download_token_created_at" : 1576300370,
  "export_token_created_at" : 1576300370,
  "created_at" : 1576300370,
"description" : "All subdivisions of my company",
  "service_count_udp" : 1,
  "project" : false,
  "export_token" : "ET11226D9EEEA2B035D42569585900",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "export_token_counter" : 0,
  "asset_count" : 100,
  "inactive" : false,
  "updated_at" : 1576300370,
  "export_token_last_used_by" : "127.0.0.1",
  "expiration_assets_stale" : 365,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "download_token" : "DT11226D9EEEA2B035D42569585900",
  "service_count" : 10,
  "service_count_tcp" : 7,
  "service_count_arp" : 1,
  "expiration_scans" : 365,
  "service_count_icmp" : 1,
  "expiration_assets_offline": 365,
  "permanent" : true,
"parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "My Company"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of organizations

401

Access token is missing or invalid

# GET /account/tasks/templates/{scan\_template\_id}

<u>U</u>|

Get scan template details (getAccountScanTemplate)

## Path parameters

#### scan\_template\_id (required)

Path Parameter — UUID of the scan template to retrieve default: null format: uuid

## Return type

ScanTemplate

#### Example data

```
"agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hidden" : false,
"created_at" : 1576300370,
"description" : "My Scan Template",
"global" : false,
"acl" : {
 "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8" : "user"
"type" : "scan",
"error" : "agent unavailable",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
"cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"updated_at" : 1576300370,
"stats" : {
 "key" : ""
"recur" : false,
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"size_site" : 0,
"recur_last" : 1576300370,
"recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hosted_zone_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"params" : {
  "key" : "params"
"created_by" : "user@example.com",
"created_by_user_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"size_results" : 0,
"grace_period" : "4"
"start_time" : 1576300370,
"linked_task_count" : 1,
"recur_frequency" : "hour",
"parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"name" : "My Scan Template",
```

```
"template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "source_id" : "1",
    "size_data" : 0,
    "recur_next" : 1576300370,
    "status" : "processed"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

scan template ScanTemplate

401

Access token is missing or invalid

422

invalid scan template id

404

scan template not found

## GET /account/tasks/templates



Get all scan templates across all organizations (up to 1000) (getAccountScanTemplates)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[ScanTemplate]

#### **Example data**

```
"agent id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hidden" : false,
"created_at" : 1576300370,
"description" : "My Scan Template",
"global" : false,
"acl" : {
  "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8" : "user"
"error" : "agent unavailable",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
"cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"updated_at" : 1576300370,
"stats" : {
    "key" : ""
},
"recur" : false,
"id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"size_site" : 0,
"recur_last" : 1576300370,
"recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
```

```
"hosted_zone_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "params" : {
    "key" : "params"
  "created_by" : "user@example.com",
  "created_by_user_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "size_results" : 0,
  "grace_period" : "4"
  "start_time" : 1576300370,
  "linked_task_count" : 1,
"recur_frequency" : "hour"
  "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "My Scan Template",
  "template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "source_id" : "1",
  "size_data" : 0,
  "recur_next" : 1576300370,
  "status" : "processed"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

array of scan templates

422

failed to parse search string

401

Access token is missing or invalid

## GET /account/sites



Get all sites details across all organizations (getAccountSites)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[Site]

#### **Example data**

```
{
  "excludes" : "192.168.0.5",
  "updated_at" : 1576300370,
  "permanent" : true,
  "scope" : "192.168.0.0/24",
  "name" : "Primary",
  "created_at" : 1576300370,
  "description" : "Headquarters",
  "subnets" : {
```

```
"key" : ""
},
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

### Responses

200

array of sites

401

Access token is missing or invalid

## GET /account/tasks



Get all task details across all organizations (up to 1000) (getAccountTasks)

#### **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

#### Return type

array[Task]

#### **Example data**

```
"agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hidden" : false,
"description" : "Scan the headquarters hourly",
"created_at" : 1576300370,
"type": "scan",
"error": "agent unavailable",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"updated_at" : 1576300370,
"stats" : {
    "key" : ""
},
"recur" : false,
"a77602e0
"id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"recur_last" : 1576300370,
"recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"params" : {
  "key" : "params"
"created_by_user_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"start_time" : 1576300370,
"recur_frequency" : "hour"
"parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
"organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"name" : "Hourly Scan"
"site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
```

#### runZero API documentation

```
"template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "recur_next" : 1576300370,
    "status" : "processed"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of tasks

401

Access token is missing or invalid

# GET /account/users/{user\_id}



Get user details (getAccountUser)

#### Path parameters

## user\_id (required)

Path Parameter — UUID of the user to retrieve default: null format: uuid

## Responses

200

401

Access token is missing or invalid

## GET /account/users



Get all users (getAccountUsers)

## Return type

array[<u>User</u>]

## Example data

```
{
  "org_default_role" : "admin",
  "last_login_at" : 1576300370,
  "org_roles" : {
      "key" : ""
  },
  "created_at" : 1576300370,
  "last_name" : "Smith",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "invite_token_expiration" : 1576300370,
  "sso_only" : false,
  "updated_at" : 1576300370,
  "last_login_ip" : "192.168.0.1",
  "login_failures" : 0,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "reset_token_expiration" : 1576300370,
  "last_login_ua" : "curl/1.0",
```

#### runZero API documentation

```
"first_name" : "James",
  "email" : "jsmith@example.com",
  "client_admin" : true
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of users

401

Access token is missing or invalid

# DELETE /account/credentials/{credential\_id}

<u>U</u>|

Remove this credential (removeAccountCredential)

#### Path parameters

## credential\_id (required)

Path Parameter — UUID of the credential to delete default; null format; uuid

## Responses

204

empty response

401

Access token is missing or invalid

404

Resource not found

# DELETE /account/groups/{group\_id}

U

Remove this group (removeAccountGroup)

## Path parameters

## group\_id (required)

Path Parameter — UUID of the group default: null format: uuid

#### Responses

204

empty response

401

Access token is missing or invalid

# DELETE /account/sso/groups/{group\_mapping\_id}

<u>U</u>

Remove this SSO group mapping (removeAccountGroupMapping)

## Path parameters

group\_mapping\_id (required)

Path Parameter — UUID of the SSO group mapping default: null format: uuid

#### Responses

204

empty response

401

Access token is missing or invalid

# DELETE /account/keys/{key\_id}

<u>U</u>l

Remove this key (removeAccountKey)

## Path parameters

key\_id (required)

Path Parameter — UUID of the key to retrieve default: null format: uuid

#### Responses

204

empty response

401

Access token is missing or invalid

# DELETE /account/orgs/{org\_id}

U

Remove this organization (removeAccountOrganization)

## Path parameters

org\_id (required)

Path Parameter — UUID of the organization to retrieve default: null format: uuid

#### Responses

204

empty response

401

Access token is missing or invalid

# DELETE /account/tasks/templates/{scan\_template\_id}



Remove scan template (removeAccountScanTemplate)

## Path parameters

scan\_template\_id (required)

Path Parameter — UUID of the scan template to remove default: null format: uuid

## Return type

**ScanTemplate** 

**Example data** 

```
"agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "hidden" : false,
 "created_at" : 1576300370,
 "description": "My Scan Template",
 "global" : false,
  "acl" : {
    "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8" : "user"
  "type" : "scan",
  "error" : "agent unavailable",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "updated_at" : 1576300370,
  "stats" : {
    "key" : ""
 },
"recur" : false,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "size_site" : 0,
  "recur_last" : 1576300370,
  "recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "hosted_zone_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "params" : {
    "key" : "params"
 "created_by" : "user@example.com",
 "created_by_user_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "size_results" : 0,
 "grace_period" : "4",
 "start_time" : 1576300370,
 "linked_task_count" : 1,
 "recur_frequency" : "hour"
 "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "name" : "My Scan Template",
 "template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "source_id" : "1",
 "size_data" : 0,
 "recur_next" : 1576300370,
 "status" : "processed"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

scan template ScanTemplate

401

Access token is missing or invalid

422

invalid request

404

scan template not found

# DELETE /account/users/{user\_id}

<u>U</u>r

Remove this user (removeAccountUser)

#### Path parameters

user\_id (required)

Path Parameter — UUID of the user to delete default: null format: uuid

#### Responses

204

empty response

401

Access token is missing or invalid

# PATCH /account/users/{user\_id}/resetLockout



Resets the user's lockout status (resetAccountUserLockout)

## Path parameters

user\_id (required)

Path Parameter — UUID of the user to retrieve default: null format: uuid

#### Responses

200

401

Access token is missing or invalid

# PATCH /account/users/{user\_id}/resetMFA



Resets the user's MFA tokens (resetAccountUserMFA)

## Path parameters

user\_id (required)

Path Parameter — UUID of the user to retrieve default: null format: uuid

## Responses

200

401

Access token is missing or invalid

# PATCH /account/users/{user\_id}/resetPassword



Sends the user a password reset email (resetAccountUserPassword)

## Path parameters

user\_id (required)

Path Parameter — UUID of the user to retrieve default: null format: uuid

#### Responses

200

Access token is missing or invalid

# PATCH /account/keys/{key\_id}/rotate

<u>Up</u>

Rotates the key secret (rotateAccountKey)

#### Path parameters

## key\_id (required)

Path Parameter — UUID of the key to retrieve default: null format: uuid

## Return type

**APIKey** 

## Example data

Content-Type: application/json

```
"usage_limit" : 10000,
  "created_at" : 1576300370,
  "counter" : 1,
  "type" : "org",
  "created_by" : "user@example.com",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "token" : "CTXXXXXXXXXXXXX,
  "usage_today" : 100,
  "last_used_at" : 0,
  "inactive" : false,
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "last_used_ua" : "curl/7.44.1",
  "comment" : "API key used for Splunk integration",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "last_used_ip" : "127.0.0.1"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

key details **APIKey** 

401

Access token is missing or invalid

# PATCH /account/orgs/{org\_id}/exportToken/rotate



Rotates the organization export token and returns the updated organization (rotateAccountOrganizationExportToken)

## Path parameters

org\_id (required)

Path Parameter — UUID of the organization to retrieve default: null format: uuid

## Return type Organization

#### **Example data**

Content-Type: application/json

```
"export_token_last_used_at" : 0,
  "deactivated_at" : 0,
  "download_token_created_at" : 1576300370,
  "export_token_created_at" : 1576300370,
  "created_at" : 1576300370,
  "description": "All subdivisions of my company",
  "service_count_udp" : 1,
  "project" : false,
  "export_token" : "ET11226D9EEEA2B035D42569585900",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "export_token_counter" : 0,
  "asset_count" : 100,
  "inactive" : false,
  "updated_at" : 1576300370,
  "export_token_last_used_by" : "127.0.0.1",
  "expiration_assets_stale" : 365,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "download_token" : "DT11226D9EEEA2B035D42569585900",
"service_count" : 10,
  "service_count_tcp" : 7,
  "service_count_arp" : 1,
"expiration_scans" : 365,
  "service_count_icmp" : 1,
  "expiration_assets_offline" : 365,
  "permanent" : true,
  "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "My Company"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

organization details Organization

401

Access token is missing or invalid

# PUT /account/groups



Update an existing group (updateAccountGroup)

## Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

#### Request body

## GroupPut GroupPut (required)

Body Parameter —

## Responses

200 401

Access token is missing or invalid

## PUT /account/sso/groups



Update an existing SSO group mapping (updateAccountGroupMapping)

## Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

#### Request body

## GroupMapping GroupMapping (required)

Body Parameter —

#### Responses

200

401

Access token is missing or invalid

# PATCH /account/orgs/{org\_id}



Update organization details (updateAccountOrganization)

#### Path parameters

## org\_id (required)

Path Parameter — UUID of the organization to retrieve default: null format: uuid

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

#### OrgOptions OrgOptions (required)

Body Parameter —

## Return type

**Organization** 

## **Example data**

```
{
  "export_token_last_used_at" : 0,
  "deactivated_at" : 0,
  "download_token_created_at" : 1576300370,
  "export_token_created_at" : 1576300370,
  "created_at" : 1576300370,
  "description" : "All subdivisions of my company",
```

```
"service_count_udp" : 1,
  "project" : false,
  "export_token" : "ET11226D9EEEA2B035D42569585900",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "export_token_counter" : 0,
  "asset_count" : 100,
  "inactive" : false,
  "updated_at" : 1576300370,
  "export_token_last_used_by" : "127.0.0.1",
  "expiration_assets_stale" : 365,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "download_token" : "DT11226D9EEEA2B035D42569585900",
"service_count" : 10,
  "service_count_tcp" : 7,
  "service_count_arp" : 1,
"expiration_scans" : 365,
  "service_count_icmp" : 1,
  "expiration_assets_offline" : 365,
  "permanent" : true,
  "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "My Company"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

organization details Organization

401

Access token is missing or invalid

# PUT /account/tasks/templates



Update scan template (updateAccountScanTemplate)

#### Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

ScanTemplate ScanTemplate (required)

Body Parameter —

## Return type

**ScanTemplate** 

#### **Example data**

```
{
  "agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "hidden" : false,
  "created_at" : 1576300370,
  "description" : "My Scan Template",
```

```
"global" : false,
 "acl" : {
   "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8" : "user"
 "type" : "scan",
 "error" : "agent unavailable",
 "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
 "cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "updated_at" : 1576300370,
 "stats" : {
   "key" : ""
 "recur" : false,
 "id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "size_site" : 0,
 "recur_last" : 1576300370,
 "recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "hosted_zone_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "params" : {
   "key" : "params"
 "created_by_user_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "size_results" : 0,
 "grace_period" : "4"
 "start_time" : 1576300370,
 "linked_task_count" : 1,
 "recur_frequency" : "hour"
 "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
 "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "name" : "My Scan Template",
 "size_data" : 0,
 "recur_next" : 1576300370,
 "status" : "processed"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

scan template <u>ScanTemplate</u>

401

Access token is missing or invalid

422

invalid request body

400

invalid request body

404

scan template or permissions not found

# PATCH /account/users/{user\_id}

<u>U</u>p

Update a user's details (updateAccountUser)

## Path parameters

#### user\_id (required)

Path Parameter — UUID of the user to retrieve default: null format: uuid

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## UserOptions **UserOptions** (required)

Body Parameter —

#### Responses

200

401

Access token is missing or invalid

## **CiscoSNTC**

## GET /export/org/assets.cisco.csv



Cisco serial number and model name export for Cisco Smart Net Total Care Service. (exportAssetsCiscoCSV)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

## Responses

200

filtered asset results File

401

Access token is missing or invalid

# **Export**

# GET /org/assets/top.hw.csv



Top asset hardware products as CSV (exportAssetTopHWCSV)

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

text/csv

#### Responses

200

top asset hardware platforms and counts as csv File

401

Access token is missing or invalid

# GET /org/assets/top.os.csv

<u>Up</u>

Top asset operating systems as CSV (exportAssetTopOSCSV)

#### Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

## Responses

200

top operating systems and counts as csv File

401

Access token is missing or invalid

# GET /org/assets/top.tags.csv



Top asset tags as CSV (exportAssetTopTagsCSV)

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

#### Responses

200

top asset tags and counts as csv File

401

Access token is missing or invalid

# GET /org/assets/top.types.csv



Top asset types as CSV (exportAssetTopTypesCSV)

## Return type

File

#### **Produces**

## runZero API documentation

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

text/csv

#### Responses

200

top asset types and counts as csv File

401

Access token is missing or invalid

# GET /export/org/assets.csv

<u>Up</u>

Asset inventory as CSV (exportAssetsCSV)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

#### Responses

200

filtered asset results File

401

Access token is missing or invalid

# GET /export/org/assets.json



Exports the asset inventory (exportAssetsJSON)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

## fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

#### Return type

array[Asset]

## **Example data**

```
{
    "addresses" : [ "192.168.0.1", "192.168.0.1" ],
    "first_seen" : 1576300370,
    "alive" : true,
    "last_seen" : 1576300370,
```

```
"agent_name" : "LAPTOP-F4P1R6",
  "credentials" : {
    "key" : {
      "key" : true
  "created_at" : 1576300370,
  "service_count_udp" : 1,
  "mac_vendors" : [ "Dell",
                             "Dell" ],
  "type" : "Server",
"last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_udp" : [ "53", "53" ],
  "hw" : "Dell PowerEdge 2500",
  "lowest_rtt" : 1,
  "service_ports_products" : [ "bind", "bind" ],
  "updated_at" : 1576300370,
  "detected_by" : "icmp",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_protocols" : [ "ssh", "ssh" ],
  "org_name" : "Test Labs",
  "addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
  "comments" : "File Server",
  "os" : "Ubuntu Linux"
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "os_version" : "18.04",
 "service_count": 10,
"domains": [ "www", "www" ],
"service_count_tcp": 7,
  "newest_mac_vendor" : "Intel Corporate",
  "lowest_ttl" : 0,
  "newest_mac" : "11:22:33:44:55:66",
  "service_count_arp" : 1,
  "services" : {
    "key" : {
    "key" : "services"
  "service_ports_tcp" : [ "22", "22" ],
  "tags" : {
    "key" : "tags"
  "site_name" : "Primary"
  "names" : [ "www", "www" ],
  "service_count_icmp" : 1,
  "rtts" : {
    "key" : ""
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ],
  "site_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "attributes" : {
    "key" : "attributes"
  "newest_mac_age" : 1304035200000000000
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

filtered asset results

401

Access token is missing or invalid

# GET /export/org/assets.jsonl

<u>Up</u>

Asset inventory as JSON line-delimited (exportAssetsJSONL)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

### fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

filtered asset results File

401

Access token is missing or invalid

# GET /export/org/assets.nmap.xml



Asset inventory as Nmap-style XML (exportAssetsNmapXML)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

File

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/xml

## Responses

200

filtered asset results File

401

Access token is missing or invalid

## GET /export/org/services.csv



Service inventory as CSV (exportServicesCSV)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

#### Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

## Responses

200

filtered service results File

401

Access token is missing or invalid

## GET /export/org/services.json



Service inventory as JSON (exportServicesJSON)

#### **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

#### fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

#### Return type

array[Service]

## Example data

```
{
  "addresses" : [ "192.168.0.1", "192.168.0.1" ],
  "last_seen" : 1576300370,
  "agent_name" : "LAPTOP-F4P1R6",
  "service_screenshot_link" : "service_screenshot_link",
  "type" : "Server",
  "last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "hw" : "Dell PowerEdge 2500",
  "lowest_rtt" : 1,
  "service_ports_products" : [ "bind", "bind" ],
  "service_protocol" : "http tls",
  "service_data" : {
      "key" : "service_data"
  },
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_protocols" : [ "ssh", "ssh" ],
  "addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
```

```
"service_updated_at" : 1576300370,
  "domains" : [ "CORPNET", "CORPNET" ],
  "newest_mac_vendor" : "Intel Corporate",
  "lowest_ttl" : 0,
  "newest_mac" : "11:22:33:44:55:66",
  "tags" : {
    "key" : "tags"
  "site_name" : "Primary"
  "service_count_icmp" : 1,
  "service_link" : "http://192.168.0.1:80/",
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ], "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_asset_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_port" : "80",
  "newest_mac_age" : 1304035200000000000,
  "first_seen" : 1576300370,
  "alive" : true,
  "credentials" : {
    "key" : {
      "key" : true
    }
  },
  "created_at" : 1576300370,
  "service_count_udp" : 1,
  "service_summary" : "Login Page"
  "mac_vendors" : [ "Dell", "Dell" ],
  "service_address" : "192.168.0.1"
  "service_ports_udp" : [ "53", "53" ], 
"service_created_at" : 1576300370,
  "updated_at" : 1576300370,
  "detected_by" : "icmp",
"service_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"org_name" : "Test Labs",
  "comments" : "File Server"
  "os" : "Ubuntu Linux",
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_transport" : "tcp",
  "os_version" : "18.04"
  "service_count" : 10,
  "service_count_tcp" : 7,
  "service_count_arp" : 1,
  "services" : {
    "key" : {
   "key" : "services"
  "service_ports_tcp" : [ "22", "22" ],
  "names" : [ "www", "www" ],
  "rtts" : {
    "key" : ""
  "attributes" : {
    "key" : "attributes"
  "service_vhost" : "www"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

filtered service results

401

Access token is missing or invalid

## GET /export/org/services.jsonl

<u>Up</u>

Service inventory as JSON line-delimited (exportServicesJSONL)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

## fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

filtered service results File

401

Access token is missing or invalid

# GET /org/services/top.products.csv



Top service products as CSV (exportServicesTopProductsCSV)

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

## Responses

200

top service products and counts as csv File

401

Access token is missing or invalid

# GET /org/services/top.protocols.csv



Top service protocols as CSV (exportServicesTopProtocolsCSV)

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

text/csv

#### Responses

200

top service protocols and counts as csv File

401

Access token is missing or invalid

## GET /org/services/top.tcp.csv



Top TCP services as CSV (exportServicesTopTCPCSV)

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

## Responses

200

top TCP services and counts as csv File

401

Access token is missing or invalid

# GET /org/services/top.udp.csv



Top UDP services as CSV (exportServicesTopUDPCSV)

## Return type

File

#### Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

text/csv

## Responses

200

top UDP services and counts as csv File

401

Access token is missing or invalid

## GET /export/org/sites.csv



Site list as CSV (exportSitesCSV)

#### Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

## Responses

200

all sites File

401

Access token is missing or invalid

## GET /export/org/sites.json



Export all sites (exportSitesJSON)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

#### fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

## Return type

array[Site]

## **Example data**

Content-Type: application/json

```
{
  "excludes" : "192.168.0.5",
  "updated_at" : 1576300370,
  "permanent" : true,
  "scope" : "192.168.0.0/24",
  "name" : "Primary",
  "created_at" : 1576300370,
  "description" : "Headquarters",
  "subnets" : {
        "key" : ""
    },
    "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

all sites

401

Access token is missing or invalid

# GET /export/org/sites.jsonl

<u>U</u>r

Site list as JSON line-delimited (exportSitesJSONL)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

## fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

all sites File

401

Access token is missing or invalid

# GET /org/services/subnet.stats.csv

<u>Ur</u>

Subnet utilization statistics as as CSV (exportSubnetUtilizationStatsCSV)

## **Query parameters**

## mask (optional)

Query Parameter — an optional subnet mask size (ex:24) default: null

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

## Responses

200

subnet utilization stats as csv File

401

Access token is missing or invalid

## GET /export/org/wireless.csv



Wireless inventory as CSV (exportWirelessCSV)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

text/csv

## Responses

200

filtered wireless results File

401

Access token is missing or invalid

# GET /export/org/wireless.json



Wireless inventory as JSON (exportWirelessJSON)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

#### fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

#### Return type

array[Wireless]

## **Example data**

Content-Type: application/json

```
"last_seen" : 1576300370,
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "data" : {
    "key" : "data"
  "agent_name" : "LAPTOP-F4P1R6",
  "essid": "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "bssid" : "11:22:33:44:55:66",
  "created_at" : 1576300370,
  "type": "infrastructure",
  "interface" : "wlan0",
  "last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_name" : "Primary",
 "encryption" : "aes",
"channels" : "11, 158+1",
"vendor" : "Ubiquiti Networks",
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "family" : "223344",
  "org_name" : "Test Labs",
  "signal" : 99,
  "authentication" : "wpa2-psk"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

filtered wireless results

**4**01

Access token is missing or invalid

# GET /export/org/wireless.jsonl

<u>U</u>p

Wireless inventory as JSON line-delimited (exportWirelessJSONL)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

#### fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

## Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

filtered wireless results File

401

Access token is missing or invalid

## Organization

# POST /org/assets/bulk/clearTags



Clear all tags across multiple assets based on a search query (clearBulkAssetTags)

## **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

#### Search Search (required)

Body Parameter —

## Return type

Object

## **Produces**

#### runZero API documentation

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

status message Object

401

Access token is missing or invalid

404

Resource not found

## PUT /org/sites/{site\_id}/scan

<u>U</u>p

Create a scan task for a given site (createScan)

## Path parameters

#### site id (required)

Path Parameter — UUID or name of the site to scan default: null format: uuid

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• text/json

## Request body

## ScanOptions ScanOptions (optional)

Body Parameter —

## Return type

<u>Task</u>

#### **Example data**

```
"agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hidden": false,
"description": "Scan the headquarters hourly",
"created_at" : 1576300370,
"type" : "scan",
"error" : "agent unavailable",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
"cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"updated_at" : 1576300370,
"stats" : {
  "key" : ""
"recur" : false,
"id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"recur_last" : 1576300370,
"recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"params" : {
  "key" : "params"
"created_by" : "user@example.com",
```

#### runZero API documentation

```
"created_by_user_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "start_time" : 1576300370,
    "recur_frequency" : "hour",
    "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "name" : "Hourly Scan",
    "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "recur_next" : 1576300370,
    "status" : "processed"
}
```

### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

### Responses

200

a created scan task Task

401

Access token is missing or invalid

403

License has expired

404

Resource not found

500

Request could not be processed

## PUT /org/sites



Create a new site (createSite)

## Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## SiteOptions SiteOptions (required)

Body Parameter —

## Return type

Site

## **Example data**

```
{
  "excludes" : "192.168.0.5",
  "updated_at" : 1576300370,
  "permanent" : true,
  "scope" : "192.168.0.0/24",
  "name" : "Primary",
  "created_at" : 1576300370,
  "description" : "Headquarters",
  "subnets" : {
      "key" : ""
```

```
},
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

site details Site

401

Access token is missing or invalid

404

Resource not found

## GET /org/agents/{agent\_id}



Get details for a single agent (getAgent)

## Path parameters

## agent\_id (required)

Path Parameter — UUID of the agent default: null format: uuid

## Return type

<u>Agent</u>

## **Example data**

Content-Type: application/json

```
"os" : "Windows",
  "system_info" : {
   "kev" : ""
 "deactivated_at" : 0,
  "created_at" : 1576300370,
  "last_checkin" : 1576300370,
  "version" : "1.2.3 (build 20191219224016) [fc50c5eefdc3ff5c60533c3c345d14d336396272]",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "host_id" : "6f9e6fe52271da70962e007183c5c9c9",
 "internal_ip" : "192.168.0.1",
  "connected": true,
 "hub_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "inactive" : false,
 "updated_at" : 1576300370,
 "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "name": "RUNZERO-AGENT",
 "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "arch" : "amd64"
  "external_ip" : "1.1.1.1"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

agent details Agent

401

Access token is missing or invalid

404

Resource not found

## GET /org/agents

<u>Up</u>

Get all agents (getAgents)

## Return type

array[Agent]

## **Example data**

Content-Type: application/json

```
"os" : "Windows",
  "system_info" : {
    "key" : ""
  "deactivated_at" : 0,
  "created_at" : 1576300370,
  "last_checkin" : 1576300370,
  "version" : "1.2.3 (build 20191219224016) [fc50c5eefdc3ff5c60533c3c345d14d336396272]",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "host_id" : "6f9e6fe52271da70962e007183c5c9c9",
  "internal_ip" : "192.168.0.1",
  "connected" : true,
  "hub_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "inactive" : false,
  "updated_at" : 1576300370,
  "organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "RUNZERO-AGENT"
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "arch" : "amd64",
"external_ip" : "1.1.1.1"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

array of agents

401

Access token is missing or invalid

# GET /org/assets/{asset\_id}

<u>Up</u>

Get asset details (getAsset)

## Path parameters

#### asset\_id (required)

Path Parameter — UUID of the asset to retrieve default: null format: uuid

## Return type

<u>Asset</u>

### **Example data**

```
"addresses" : [ "192.168.0.1", "192.168.0.1" ],
"first_seen" : 1576300370,
"alive" : true,
"last_seen" : 1576300370,
"agent_name" : "LAPTOP-F4P1R6",
"credentials" : {
  "key" : {
    "key" : true
},
"created_at" : 1576300370,
"service_count_udp" : 1,
"mac_vendors" : [ "Dell", "Dell" ],
"type" : "Server"
"last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_ports_udp" : [ "53", "53" ],
"hw" : "Dell PowerEdge 2500",
"lowest_rtt" : 1,
"service_ports_products" : [ "bind", "bind" ],
"updated_at" : 1576300370,
"detected_by" : "icmp",
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_ports_protocols" : [ "ssh", "ssh" ],
"org_name" : "Test Labs",
"addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
"comments": "File Server",
"os" : "Ubuntu Linux",
"last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8", "os_version" : "18.04",
"service_count": 10,
"domains": [ "www", "www" ],
"service_count_tcp": 7,
"newest_mac_vendor" : "Intel Corporate",
"lowest_ttl" : 0,
"newest_mac" : "11:22:33:44:55:66",
"service_count_arp" : 1,
"services" : {
  "key" : {
    "key" : "services"
"service_ports_tcp" : [ "22", "22" ],
"tags" : {
    "key" : "tags"
"site_name" : "Primary"
"names" : [ "www", "www" ],
"service_count_icmp" : 1,
"rtts" : {
    "key" : ""
```

```
},
"organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ],
"site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"attributes" : {
    "key" : "attributes"
},
"newest_mac_age" : 1304035200000000000
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

asset details Asset

401

Access token is missing or invalid

404

Resource not found

## GET /org/assets



Get all assets (getAssets)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[Asset]

## **Example data**

```
"addresses" : [ "192.168.0.1", "192.168.0.1" ],
"first_seen" : 1576300370,
"alive" : true,
"last_seen" : 1576300370,
"agent_name" : "LAPTOP-F4P1R6",
"credentials" : {
  "key" : {
    "key" : true
},
"created_at" : 1576300370,
"service_count_udp" : 1,
"mac_vendors" : [ "Dell", "Dell" ],
"type": "Server",
"last_agent_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_ports_udp" : [ "53", "53" ],
"hw" : "Dell PowerEdge 2500",
"lowest_rtt" : 1,
"service_ports_products" : [ "bind", "bind" ],
"updated_at" : 1576300370,
```

```
"detected_by" : "icmp",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_protocols" : [ "ssh", "ssh" ],
  "org_name" : "Test Labs",
  "addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
  "comments" : "File Server",
  "os" : "Ubuntu Linux",
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"os_version" : "18.04",
  "service_count": 10,
"domains": [ "www", "www" ],
"service_count_tcp": 7,
  "newest_mac_vendor" : "Intel Corporate",
  "lowest_ttl" : 0,
  "newest_mac" : "11:22:33:44:55:66",
  "service_count_arp" : 1,
  "services" : {
    "key" : {
    "key" : "services"
    }
 },
"service_ports_tcp" : [ "22", "22" ],
  "tags" : {
    "key" : "tags"
  "site_name" : "Primary"
  "names" : [ "www", "www" ],
  "service_count_icmp" : 1,
  "rtts" : {
    "key" : ""
  },
"organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "attributes" : {
    "key" : "attributes"
  "newest_mac_age" : 1304035200000000000
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of assets

401

Access token is missing or invalid

# GET /org/key



Get API key details (getKey)

## Return type APIKey

#### **Example data**

```
{
  "usage_limit" : 10000,
  "created_at" : 1576300370,
  "counter" : 1,
  "type" : "org",
  "created_by" : "user@example.com",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "token" : "CTXXXXXXXXXXXXXX,
  "usage_today" : 100,
  "last_used_at" : 0,
  "inactive" : false,
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "last_used_ua" : "curl/7.44.1",
  "comment" : "API key used for Splunk integration",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "last_used_ip" : "127.0.0.1"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

api key details APIKey

401

Access token is missing or invalid

## GET /org



Get organization details (getOrganization)

## Return type Organization

## Example data

```
"export_token_last_used_at" : 0,
"deactivated_at" : 0,
"download_token_created_at" : 1576300370,
"export_token_created_at" : 1576300370,
"created_at" : 1576300370,
"description" : "All subdivisions of my company",
"service_count_udp" : 1,
"project" : false,
"export_token" : "ET11226D9EEEA2B035D42569585900",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"export_token_counter" : 0,
"asset_count" : 100,
"inactive" : false,
"updated_at" : 1576300370,
"export_token_last_used_by" : "127.0.0.1",
"expiration_assets_stale": 365,
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"download_token" : "DT11226D9EEEA2B035D42569585900",
"service_count" : 10,
```

```
"service_count_tcp" : 7,
"service_count_arp" : 1,
"expiration_scans" : 365,
"service_count_icmp" : 1,
"expiration_assets_offline" : 365,
"permanent" : true,
"parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"name" : "My Company"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

organization details Organization

401

Access token is missing or invalid

## GET /org/services/{service\_id}



Get service details (getService)

## Path parameters

## service\_id (required)

Path Parameter — UUID of the service to retrieve default: null format: uuid

## Return type

<u>Service</u>

## **Example data**

```
"addresses" : [ "192.168.0.1", "192.168.0.1" ],
"last_seen" : 1576300370,
"agent_name" : "LAPTOP-F4P1R6",
"service_screenshot_link" : "service_screenshot_link",
"type" : "Server",
"last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hw" : "Dell PowerEdge 2500",
"lowest_rtt" : 1,
"service_ports_products" : [ "bind", "bind" ],
"service_protocol" : "http tls",
"service_data" : {
  "key" : "service_data"
},
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_ports_protocols" : [ "ssh", "ssh" ],
"addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
"service_updated_at" : 1576300370,
"domains": [ "CORPNET", "CORPNET"],
"newest_mac_vendor" : "Intel Corporate",
"lowest_ttl" : 0,
"newest_mac" : "11:22:33:44:55:66",
"tags" : {
```

```
"key" : "tags"
  "site_name" : "Primary",
  "service_count_icmp" : 1,
  "service_link" : "http://192.168.0.1:80/",
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ],
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_asset_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_port" : "80",
  "newest_mac_age" : 1304035200000000000,
  "first_seen" : 1576300370,
  "alive" : true,
  "credentials" : {
    "key" : {
      "key" : true
    }
  "created_at" : 1576300370,
  "service_count_udp" : 1,
"service_summary" : "Login Page",
  "mac_vendors" : [ "Dell", "Dell" ],
  "service_address" : "192.168.0.1",
  "service_ports_udp" : [ "53", "53" ],
  "service_created_at" : 1576300370,
  "updated_at" : 1576300370,
  "detected_by" : "icmp",
  "service_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "org_name" : "Test Labs",
"comments" : "File Server",
  "os" : "Ubuntu Linux",
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_transport" : "tcp",
  "os_version" : "18.04",
  "service_count" : 10,
  "service_count_tcp" : 7,
  "service_count_arp" : 1,
  "services" : {
    "key" : {
   "key" : "services"
    }
  "service_ports_tcp" : [ "22", "22" ],
  "names" : [ "www", "www" ],
  "rtts" : {
    "key" : ""
  "attributes" : {
    "key" : "attributes"
  "service_vhost" : "www"
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

service details Service

#### 401

Access token is missing or invalid

404

Resource not found

## GET /org/services

<u>Up</u>

Get all services (getServices)

## **Query parameters**

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[Service]

#### Example data

```
"addresses" : [ "192.168.0.1", "192.168.0.1" ],
"last_seen" : 1576300370,
"agent_name" : "LAPTOP-F4P1R6",
"service_screenshot_link" : "service_screenshot_link",
"type" : "Server",
"last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hw" : "Dell PowerEdge 2500",
"lowest_rtt" : 1,
"service_ports_products" : [ "bind", "bind" ],
"service_protocol" : "http tls",
"service_data" : {
  "key" : "service_data"
},
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_ports_protocols" : [ "ssh", "ssh" ],
"addresses_extra" : [ "192.168.100.1", "192.168.100.1" ], "service_updated_at" : 1576300370,
"domains" : [ "CORPNET", "CORPNET" ],
"newest_mac_vendor" : "Intel Corporate",
"lowest_ttl" : 0,
"newest_mac" : "11:22:33:44:55:66",
"tags" : {
    "key" : "tags"
"site_name" : "Primary",
"service_count_icmp" : 1,
"service_link" : "http://192.168.0.1:80/",
"organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ], "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_asset_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_port" : "80",
"newest_mac_age" : 1304035200000000000,
"first_seen" : 1576300370,
"alive" : true,
"credentials" : {
  "key" : {
    "key" : true
```

```
"created_at" : 1576300370,
"service_count_udp" : 1,
"service_count_udp" : 1,
"service_summary" : "Login Page",
"mac_vendors" : [ "Dell", "Dell" ],
"service_address" : "192.168.0.1",
"service_ports_udp" : [ "53", "53" ],
"service_created_at" : 1576300370,
"updated_at" : 1576300370,
"detected_by" : "icmp",
"service_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"org_name" : "Test Labs",
"comments" : "File Server",
"os" : "Ubuntu Linux"
"last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_transport" : "tcp",
"os_version": "18.04",
"service_count" : 10,
"service_count_tcp" : 7,
"service_count_arp" : 1,
"services" : {
  "key" : {
    "key" : "services"
"service_ports_tcp" : [ "22", "22" ],
"names" : [ "www", "www" ],
"rtts" : {
  "key" : ""
"attributes" : {
  "key" : "attributes"
"service_vhost" : "www"
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of services

401

Access token is missing or invalid

## GET /org/sites/{site\_id}



Get site details (getSite)

### Path parameters

## site\_id (required)

Path Parameter — UUID or name of the site default: null format: uuid

## Return type

Site

## Example data

Content-Type: application/json

```
{
  "excludes" : "192.168.0.5",
  "updated_at" : 1576300370,
  "permanent" : true,
  "scope" : "192.168.0.0/24",
  "name" : "Primary",
  "created_at" : 1576300370,
  "description" : "Headquarters",
  "subnets" : {
      "key" : ""
    },
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

site details Site

401

Access token is missing or invalid

404

Resource not found

# GET /org/sites



Get all sites (getSites)

## Return type

array[Site]

## Example data

Content-Type: application/json

```
{
  "excludes" : "192.168.0.5",
  "updated_at" : 1576300370,
  "permanent" : true,
  "scope" : "192.168.0.0/24",
  "name" : "Primary",
  "created_at" : 1576300370,
  "description" : "Headquarters",
  "subnets" : {
      "key" : ""
    },
    "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of sites

401

Access token is missing or invalid

## GET /org/tasks/{task\_id}

<u>U</u>r

Get task details (getTask)

## Path parameters

#### task\_id (required)

Path Parameter — UUID of the task to retrieve default: null format: uuid

## Return type

Task

### **Example data**

Content-Type: application/json

```
"agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "hidden" : false,
  "description": "Scan the headquarters hourly",
  "created_at" : 1576300370,
  "type" : "scan",
"error" : "agent unavailable",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "updated_at" : 1576300370,
  "stats" : {
   "key" :
  "recur" : false,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "recur_last" : 1576300370,
  "recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "params" : {
    "key" : "params"
  "created_by" : "user@example.com",
  "created_by_user_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "start_time" : 1576300370,
  "recur_frequency" : "hour"
  "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "Hourly Scan",
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "recur_next" : 1576300370,
  "status" : "processed"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

task details Task

401

Access token is missing or invalid

## GET /org/tasks/{task\_id}/changes

<u>Up</u>

Returns a temporary task change report data url (getTaskChangeReport)

## Path parameters

## task\_id (required)

Path Parameter — UUID of the task default: null format: uuid

## Responses

200

401

Access token is missing or invalid

404

Resource not found

# GET /org/tasks/{task\_id}/log



Returns a temporary task log data url (getTaskLog)

## Path parameters

## task\_id (required)

Path Parameter — UUID of the task default: null format: uuid

## Responses

200

401

Access token is missing or invalid

404

Resource not found

# GET /org/tasks/{task\_id}/data



Returns a temporary task scan data url (getTaskScanData)

## Path parameters

## task\_id (required)

Path Parameter — UUID of the task default: null format: uuid

## Responses

200

401

Access token is missing or invalid

404

Resource not found

## GET /org/tasks

<u>U</u>r

Get all tasks (last 1000) (getTasks)

## **Query parameters**

## status (optional)

Query Parameter — an optional status string for filtering results default: null

#### search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[Task]

#### **Example data**

Content-Type: application/json

```
"agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "hidden" : false,
  "description" : "Scan the headquarters hourly", "created_at" : 1576300370,
  "type" : "scan",
"error" : "agent unavailable",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
  "cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "updated_at" : 1576300370,
  "stats" : {
    "key" : ""
 },
"recur" : false,
"277602e0
  "id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "recur_last" : 1576300370,
  "recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "params" : {
    "key" : "params"
  "created_by" : "user@example.com",
  "created_by_user_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "start_time" : 1576300370,
  "recur_frequency" : "hour"
  "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "name" : "Hourly Scan"
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "recur_next" : 1576300370,
  "status" : "processed"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of tasks

401

Access token is missing or invalid

## GET /org/wireless/{wireless\_id}

<u>U</u>p

Get wireless LAN details (getWirelessLAN)

## Path parameters

## wireless\_id (required)

Path Parameter — UUID of the wireless LAN to retrieve default: null format: uuid

## Return type

Wireless

## **Example data**

Content-Type: application/json

```
"last_seen" : 1576300370,
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "data" : {
    "key" : "data"
  "agent_name" : "LAPTOP-F4P1R6",
  "essid": "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "bssid" : "11:22:33:44:55:66",
  "created_at" : 1576300370,
  "type": "infrastructure",
  "interface" : "wlan0",
  "last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_name" : "Primary",
  "encryption": "aes",
"channels": "11, 158+1",
"vendor": "Ubiquiti Networks",
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "family" : "223344",
"org_name" : "Test Labs",
  "signal" : 99,
  "authentication" : "wpa2-psk"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

wireless details Wireless

401

Access token is missing or invalid

# GET /org/wireless



Get all wireless LANs (getWirelessLANs)

## runZero API documentation

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

## Return type

array[Wireless]

### **Example data**

Content-Type: application/json

```
"last_seen" : 1576300370,
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "data" : {
    "key" : "data"
  },
"agent_name" : "LAPTOP-F4P1R6",
  "essid": "046b6c7f-0b8a-43b9-b35d-6489e6daee91",
  "bssid" : "11:22:33:44:55:66",
  "created_at" : 1576300370,
  "type" : "infrastructure",
  "interface" : "wlano",
  "last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_name" : "Primary",
  "encryption" : "aes",
  "channels" : "11, 158+1",
  "vendor" : "Ubiquiti Networks",
  "organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "site_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "family": "223344",
  "org_name" : "Test Labs",
  "signal" : 99,
  "authentication" : "wpa2-psk"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

array of wireless LANs

401

Access token is missing or invalid

## POST /org/tasks/{task\_id}/hide



Signal that a completed task should be hidden (hideTask)

## Path parameters

## task\_id (required)

Path Parameter — UUID of the task to hide default: null format: uuid

## Responses

200

#### 401

Access token is missing or invalid

404

Resource not found

## PUT /org/sites/{site\_id}/import/nessus



Import a Nessus scan data file into a site (importNessusScanData)

## Path parameters

## site\_id (required)

Path Parameter — UUID or name of the site to import Nessus scan data into default: null format: uuid

#### Consumes

This API call consumes the following media types via the Content-Type request header:

• application/octet-stream

## Request body

## body file (optional)

Body Parameter —

## Return type

**Task** 

#### **Example data**

```
"agent id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hidden" : false,
"description" : "Scan the headquarters hourly",
"created_at" : 1576300370,
"type" : "scan",
"error" : "agent unavailable",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
"cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"updated_at" : 1576300370,
"stats" : {
 "key" : ""
"recur" : false,
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"recur_last" : 1576300370,
"recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"params" : {
 "key" : "params"
"created_by" : "user@example.com",
"created_by_user_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"start_time" : 1576300370,
"recur_frequency" : "hour"
"parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
"organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"name": "Hourly Scan",
"site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
```

#### runZero API documentation

```
"recur_next" : 1576300370,
  "status" : "processed"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

import task **Task** 

401

Access token is missing or invalid

403

License has expired

404

Resource not found

500

Request could not be processed

# PUT /org/sites/{site\_id}/import



Import a scan data file into a site (importScanData)

## Path parameters

## site\_id (required)

Path Parameter — UUID or name of the site to import scan data into default: null format: uuid

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/octet-stream

## Request body

#### body file (optional)

Body Parameter —

## Return type

**Task** 

## **Example data**

```
{
  "agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "hidden" : false,
  "description" : "Scan the headquarters hourly",
  "created_at" : 1576300370,
  "type" : "scan",
  "error" : "agent unavailable",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "updated_at" : 1576300370,
  "stats" : {
      "key" : ""
  },
}
```

#### runZero API documentation

```
"recur" : false,
 "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "recur_last" : 1576300370,
 "recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "params" : {
    "key" : "params"
 "created_by" : "user@example.com",
  "created_by_user_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "start_time" : 1576300370,
 "recur_frequency" : "hour"
 "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
 "organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "name" : "Hourly Scan"
 "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "recur_next" : 1576300370,
 "status" : "processed"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

import task Task

401

Access token is missing or invalid

403

License has expired

404

Resource not found

500

Request could not be processed

# DELETE /org/agents/{agent\_id}



Remove and uninstall an agent (removeAgent)

## Path parameters

#### agent\_id (required)

Path Parameter — UUID of the agent to remove default: null format: uuid

## Responses

204

empty response

401

Access token is missing or invalid

404

Resource not found

## DELETE /org/assets/{asset\_id}

<u>Up</u>

Remove an asset (removeAsset)

## Path parameters

## asset\_id (required)

Path Parameter — UUID of the asset to remove default: null format: uuid

## Responses

204

empty response

401

Access token is missing or invalid

404

Resource not found

## DELETE /org/key

<u>U</u>r

Remove the current API key (removeKey)

#### Responses

204

empty response

401

Access token is missing or invalid

## DELETE /org/services/{service\_id}



Remove a service (removeService)

## Path parameters

## service\_id (required)

Path Parameter — UUID of the service to remove default: null format: uuid

## Responses

204

empty response

401

Access token is missing or invalid

404

Resource not found

# DELETE /org/sites/{site\_id}



Remove a site and associated assets (removeSite)

## Path parameters

## site\_id (required)

Path Parameter — UUID or name of the site to remove default: null format: uuid

## Responses

204

empty response

401

Access token is missing or invalid

404

# DELETE /org/wireless/{wireless\_id}

 $\overline{\mathsf{U}}$ 

Remove a wireless LAN (removeWirelessLAN)

#### Path parameters

## wireless\_id (required)

Path Parameter — UUID of the wireless LAN to remove default: null format: uuid

## Responses

204

empty response

401

Access token is missing or invalid

404

Resource not found

## PATCH /org/key/rotate



Rotate the API key secret and return the updated key (rotateKey)

## Return type

<u>APIKey</u>

### **Example data**

Content-Type: application/json

```
"usage_limit" : 10000,
   "created_at" : 1576300370,
   "counter" : 1,
   "type" : "org",
   "created_by" : "user@example.com",
   "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "token" : "CTXXXXXXXXXXXXXX,
   "usage_today" : 100,
   "last_used_at" : 0,
   "inactive" : false,
   "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "last_used_ua" : "curl/7.44.1",
   "comment" : "API key used for Splunk integration",
   "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "last_used_ip" : "127.0.0.1"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

api key details APIKey

<u>4</u>01

Access token is missing or invalid

## POST /org/tasks/{task\_id}/stop



Signal that a task should be stopped or canceledThis will also remove recurring and scheduled tasks (stopTask)

## Path parameters

#### task\_id (required)

Path Parameter — UUID of the task to stop default: null format: uuid

### Responses

200

401

Access token is missing or invalid

404

Resource not found

## PATCH /org/agents/{agent\_id}



Update the site associated with agent (updateAgentSite)

## Path parameters

## agent\_id (required)

Path Parameter — UUID of the agent to update default: null format: uuid

### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## AgentSiteID AgentSiteID (required)

Body Parameter —

## Return type

<u>Agent</u>

### **Example data**

```
{
  "os" : "Windows",
  "system_info" : {
      "key" : ""
  },
  "deactivated_at" : 0,
  "created_at" : 1576300370,
  "last_checkin" : 1576300370,
  "version" : "1.2.3 (build 20191219224016) [fc50c5eefdc3ff5c60533c3c345d14d336396272]",
  "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "host_id" : "6f9e6fe52271da70962e007183c5c9c9",
  "internal_ip" : "192.168.0.1",
  "connected" : true,
  "hub_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "inactive" : false,
  "updated_at" : 1576300370,
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
```

#### runZero API documentation

```
"name" : "RUNZERO-AGENT",
   "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
   "arch" : "amd64",
   "external_ip" : "1.1.1.1"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

### Responses

200

agent details Agent

401

Access token is missing or invalid

404

Resource not found

# PATCH /org/assets/{asset\_id}/comments



Update asset comments (updateAssetComments)

## Path parameters

## asset\_id (required)

Path Parameter — UUID of the asset to update default: null format: uuid

## Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

### Request body

## AssetComments AssetComments (required)

Body Parameter —

## Return type

**Asset** 

#### **Example data**

```
{
  "addresses" : [ "192.168.0.1", "192.168.0.1" ],
  "first_seen" : 1576300370,
  "alive" : true,
  "last_seen" : 1576300370,
  "agent_name" : "LAPTOP-F4P1R6",
  "credentials" : {
      "key" : {
            "key" : true
        }
    },
    "created_at" : 1576300370,
    "service_count_udp" : 1,
    "mac_vendors" : [ "Dell", "Dell" ],
```

```
"type" : "Server",
  "last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_udp" : [ "53", "53" ],
  "hw" : "Dell PowerEdge 2500",
  "lowest_rtt" : 1,
  "service_ports_products" : [ "bind", "bind" ],
  "updated_at" : 1576300370,
  "detected_by" : "icmp",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_protocols" : [ "ssh", "ssh" ],
  "org_name" : "Test Labs"
  "addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
  "comments" : "File Server",
  "os" : "Ubuntu Linux",
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"os_version" : "18.04",
  "service_count" : 10,
"domains" : [ "www", "www" ],
  "service_count_tcp": 7,
  "newest_mac_vendor" : "Intel Corporate",
  "lowest_ttl" : 0,
  "newest_mac" : "11:22:33:44:55:66",
  "service_count_arp" : 1,
  "services" : {
    "key" : {
      "key" : "services"
    }
  "service_ports_tcp" : [ "22", "22" ],
  "tags" : {
  "key" : "tags"
  "site_name" : "Primary"
  "names" : [ "www", "www" ],
  "service_count_icmp" : 1,
  "rtts" : {
    "key" : ""
  },
"organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ],
  "site_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "attributes" : {
    "key" : "attributes"
  "newest_mac_age" : 1304035200000000000
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

asset details Asset

401

Access token is missing or invalid

404

Resource not found

## PATCH /org/assets/{asset\_id}/tags

<u>Up</u>

Update asset tags (updateAssetTags)

#### Path parameters

#### asset\_id (required)

Path Parameter — UUID of the asset to update default: null format: uuid

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## AssetTags AssetTags (required)

Body Parameter —

## Return type

**Asset** 

#### **Example data**

```
"addresses" : [ "192.168.0.1", "192.168.0.1" ], "first_seen" : 1576300370,
"alive" : true,
"last_seen" : 1576300370,
"agent_name" : "LAPTOP-F4P1R6",
"credentials" : {
  "key" : {
    "key" : true
},
"created_at" : 1576300370,
"service_count_udp" : 1,
"mac_vendors" : [ "Dell", "Dell" ],
"type" : "Server"
"last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_ports_udp" : [ "53", "53" ],
"hw" : "Dell PowerEdge 2500",
"lowest_rtt" : 1,
"service_ports_products" : [ "bind", "bind" ],
"updated_at" : 1576300370,
"detected_by" : "icmp",
"id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"service_ports_protocols" : [ "ssh", "ssh" ],
"org_name" : "Test Labs",
"addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
"comments" : "File Server",
"os": "Ubuntu Linux",
"last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8", "os_version" : "18.04",
"service_count" : 10,
"domains" : [ "www", "www" ],
"service_count_tcp" : 7,
"newest_mac_vendor" : "Intel Corporate",
"lowest_ttl" : 0,
```

```
"newest_mac" : "11:22:33:44:55:66",
  "service_count_arp" : 1,
  "services" : {
    "key" : {
       "key" : "services"
  "service_ports_tcp" : [ "22", "22" ],
  "tags" : {
    "key" : "tags"
  },
"site_name" : "Primary"
  "names" : [ "www", "www" ],
  "service_count_icmp" : 1,
  "rtts" : {
    "key" : ""
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ], "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "attributes" : {
    "key" : "attributes"
  "newest_mac_age" : 1304035200000000000
}
```

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

asset details Asset

401

Access token is missing or invalid

404

Resource not found

## PATCH /org/assets/bulk/tags



Update tags across multiple assets based on a search query (updateBulkAssetTags)

#### **Consumes**

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

AssetTagsWithSearch <u>AssetTagsWithSearch</u> (required)

Body Parameter —

## Return type

Object

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

status message Object

401

Access token is missing or invalid

404

Resource not found

# PATCH /org

<u>J</u>p

Update organization details (updateOrganization)

#### Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

# Request body

### OrgOptions OrgOptions (required)

Body Parameter —

## Return type

**Organization** 

#### **Example data**

```
"export_token_last_used_at" : 0,
 "deactivated_at" : 0,
 "download_token_created_at" : 1576300370,
 "export_token_created_at" : 1576300370,
 "created_at" : 1576300370,
 "description" : "All subdivisions of my company",
 "service_count_udp" : 1,
 "project" : false,
 "export_token" : "ET11226D9EEEA2B035D42569585900",
 "client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "export_token_counter" : 0,
 "asset_count" : 100,
 "inactive" : false,
 "updated_at" : 1576300370,
  "export_token_last_used_by" : "127.0.0.1",
  "expiration_assets_stale": 365,
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "download_token" : "DT11226D9EEEA2B035D42569585900",
  "service_count" : 10,
  "service_count_tcp" : 7,
  "service_count_arp" : 1,
  "expiration_scans" : 365,
  "service_count_icmp" : 1,
 "expiration_assets_offline": 365,
 "permanent" : true,
 "parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
 "name" : "My Company"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

organization details Organization

401

Access token is missing or invalid

# PATCH /org/sites/{site\_id}

<u>U</u>r

Update a site definition (updateSite)

#### Path parameters

#### site\_id (required)

Path Parameter — UUID or name of the site to update default: null format: uuid

#### Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

### SiteOptions SiteOptions (required)

Body Parameter —

### Return type

Site

### **Example data**

Content-Type: application/json

```
{
  "excludes" : "192.168.0.5",
  "updated_at" : 1576300370,
  "permanent" : true,
  "scope" : "192.168.0.0/24",
  "name" : "Primary",
  "created_at" : 1576300370,
  "description" : "Headquarters",
  "subnets" : {
        "key" : ""
    },
    "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

site details Site

#### 401

Access token is missing or invalid

404

Resource not found

# PATCH /org/tasks/{task\_id}

<u>Up</u>

Update task parameters (updateTask)

#### Path parameters

#### task\_id (required)

Path Parameter — UUID of the task to update default: null format: uuid

#### Consumes

This API call consumes the following media types via the Content-Type request header:

• application/json

## Request body

## Task Task (required)

Body Parameter —

### Return type

**Task** 

### **Example data**

```
"agent id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"hidden" : false,
"description" : "Scan the headquarters hourly",
"created_at" : 1576300370,
"type" : "scan",
"error" : "agent unavailable",
"client_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
"cruncher_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"updated_at" : 1576300370,
"stats" : {
 "key" : ""
"recur" : false,
"id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"recur_last" : 1576300370,
"recur_last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"params" : {
 "key" : "params"
"created_by" : "user@example.com",
"created_by_user_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"start_time" : 1576300370,
"recur_frequency" : "hour"
"parent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8"
"organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"name": "Hourly Scan",
"site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"template_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
```

### runZero API documentation

```
"recur_next" : 1576300370,
  "status" : "processed"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

### Responses

200

task details Task

401

Access token is missing or invalid

404

Resource not found

# POST /org/agents/{agent\_id}/update



Force an agent to update and restart (upgradeAgent)

### Path parameters

#### agent\_id (required)

Path Parameter — UUID of the agent to update default: null format: uuid

#### Responses

204

empty response

401

Access token is missing or invalid

404

Resource not found

# **Public**

# GET /releases/agent/version



Returns latest agent version (getLatestAgentVersion)

#### Return type

**ComponentVersion** 

#### **Example data**

Content-Type: application/json

```
{
    "id" : "agent",
    "version" : "1.0.0"
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

component version ComponentVersion

# GET /releases/platform/version



Returns latest platform version (getLatestPlatformVersion)

### Return type

**ComponentVersion** 

## **Example data**

Content-Type: application/json

```
{
    "id" : "agent",
    "version" : "1.0.0"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

component version ComponentVersion

# GET /releases/scanner/version



Returns latest scanner version (getLatestScannerVersion)

## Return type

ComponentVersion

## Example data

Content-Type: application/json

```
{
    "id" : "agent",
    "version" : "1.0.0"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

component version ComponentVersion

# ServiceNow

# GET /export/org/assets.servicenow.csv



Export an asset inventory as CSV for ServiceNow integration (snowExportAssetsCSV)

#### Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

text/csv

### Responses

200

asset export File

401

Access token is missing or invalid

# GET /export/org/assets.servicenow.json



Exports the asset inventory as JSON (snowExportAssetsJSON)

### Return type

array[AssetServiceNow]

## **Example data**

```
"mac_manufacturer" : "Dell",
"hw_version" : "2.0",
"alive" : true,
"service_count_udp" : 1,
"asset_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
"mac_vendors" : "Dell",
"type" : "Server"
"type": "Server",
"last_discovered": "2006-01-02_15:04:05",
"sys_class_name" : "cmdb_ci_iot",
"lowest_rtt" : 1,
"first_discovered" : "2006-01-02 15:04:05",
"detected_by" : "icmp",
"mac_address" : "11:22:33:44:55:66",
"addresses_scope" : "192.168.100.1;192.168.100.2",
"addresses_extra" : "192.168.0.5;192.168.0.3",
"os_vendor" : "Microsoft",
"last_updated" : "2006-01-02 15:04:05",
"comments" : "File Server"
"os_product" : "Windows 10",
"os_version" : "1903",
"service_count" : 10,
"domains" : "runzero.com;runzero.local.lan",
"service_count_tcp" : 7,
"lowest_ttl" : 0,
"ip_address" : "192.168.0.1",
"service_count_arp" : 1,
"tags" : "owner=IT;location=Austin",
"site" : "Primary",
"service_count_icmp" : 1,
"organization" : "Headquarters",
```

```
"macs" : "11:22:33:44:55:66",
   "name" : "www;server",
   "hw_product" : "PowerEdge",
   "hw_vendor" : "Dell",
   "newest_mac_age" : "2020-01-01"
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

filtered asset results

**4**01

Access token is missing or invalid

# GET /export/org/services.servicenow.csv



Export a service inventory as CSV for ServiceNow integration (snowExportServicesCSV)

#### Return type

File

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• text/csv

#### Responses

200

services export File

*1*01

Access token is missing or invalid

# **Splunk**

# GET /export/org/assets/sync/created/assets.json



Exports the asset inventory in a sync-friendly manner using created\_at as a checkpoint. Requires the Splunk entitlement. (splunkAssetSyncCreatedJSON)

## **Query parameters**

## search (optional)

Query Parameter — an optional search string for filtering results default: null

#### fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

#### since (ontional)

Query Parameter — an optional unix timestamp to use as a checkpoint default: null format: int64

#### Return type

**AssetsWithCheckpoint** 

## Example data

```
{
  "assets" : [ {
    "addresses" : [ "192.168.0.1", "192.168.0.1" ],
    "first_seen" : 1576300370,
    "alive" : true,
    "last_seen" : 1576300370,
     "agent_name" : "LAPTOP-F4P1R6",
     "credentials" : {
       "key" : {
    "key" : true
    },
     "created_at" : 1576300370,
     "service_count_udp" : 1,
    "mac_vendors" : [ "Dell", "Dell" ],
    "type": "Server",
"last_agent_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "service_ports_udp" : [ "53", "53" ],
"hw" : "Dell PowerEdge 2500",
    "lowest_rtt" : 1,
    "service_ports_products" : [ "bind", "bind" ],
    "updated_at" : 1576300370,
    "detected_by" : "icmp",
    "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "service_ports_protocols" : [ "ssh", "ssh" ],
    "org_name" : "Test Labs",
    "addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
    "comments" : "File Server",
    "os" : "Ubuntu Linux",
    "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8", "os_version" : "18.04",
    "service_count": 10,
"domains": [ "www", "www" ],
"service_count_tcp": 7,
    "newest_mac_vendor" : "Intel Corporate",
    "lowest_ttl" : 0,
"newest_mac" : "11:22:33:44:55:66",
    "service_count_arp" : 1,
     "services" : {
       "key" : {
    "key" : "services"
    "service_ports_tcp" : [ "22", "22" ],
    "tags" : {
    "key" : "tags"
    "site_name" : "Primary",
    "names" : [ "www", "www" ],
     "service_count_icmp" : 1,
    "rtts" : {
    "key" : ""
     "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
    "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ], "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
     "attributes" : {
       "key" : "attributes"
```

```
"newest_mac_age" : 1304035200000000000
}, {
    "addresses" : [ "192.168.0.1", "192.168.0.1" ],
  "alive" : true,
  "last_seen" : 1576300370,
  "agent_name" : "LAPTOP-F4P1R6",
  "credentials" : {
    "key" : {
      "key" : true
  "created_at" : 1576300370,
  "service_count_udp" : 1,
  "mac_vendors" : [ "Dell", "Dell" ],
  "type": "Server",
"last_agent_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_udp" : [ "53", "53" ],
  "hw" : "Dell PowerEdge 2500",
  "lowest_rtt" : 1,
  "service_ports_products" : [ "bind", "bind" ],
  "updated_at" : 1576300370,
  "detected_by" : "icmp",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_protocols" : [ "ssh", "ssh" ],
  "org_name" : "Test Labs",
  "addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
  "comments" : "File Server",
  "os" : "Ubuntu Linux",
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8", "os_version" : "18.04",
  "service_count" : 10,
"domains" : [ "www", "www" ],
"service_count_tcp" : 7,
"newest_mac_vendor" : "Intel Corporate",
  "lowest_ttl" : 0,
"newest_mac" : "11:22:33:44:55:66",
  "service_count_arp" : 1,
  "services" : {
    "key" : {
    "key" : "services"
  },
"service_ports_tcp" : [ "22", "22" ],
  "tags" : {
    "key" : "tags"
  "site_name" : "Primary"
  "names" : [ "www", "www" ],
  "service_count_icmp" : 1,
  "rtts" : {
    "key" :
  "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ], "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "attributes" : {
    "key" : "attributes"
  "newest_mac_age" : 1304035200000000000
} ],
```

```
"since" : 1576300370
}
```

#### **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

#### Responses

200

filtered asset results with a checkpoint wrapper AssetsWithCheckpoint

401

Access token is missing or invalid

# GET /export/org/assets/sync/updated/assets.json



Exports the asset inventory in a sync-friendly manner using updated\_at as a checkpoint. Requires the Splunk entitlement. (splunkAssetSyncUpdatedJSON)

#### **Query parameters**

#### search (optional)

*Query Parameter* — an optional search string for filtering results default: null

# fields (optional)

Query Parameter — an optional list of fields to export, comma-separated default: null

#### since (optional)

Query Parameter — an optional unix timestamp to use as a checkpoint default: null format: int64

## Return type

#### **AssetsWithCheckpoint**

#### **Example data**

```
"assets" : [ {
    "addresses" : [ "192.168.0.1", "192.168.0.1" ],
    "first_seen" : 1576300370,
  "alive" : true,
  "last_seen" : 1576300370,
  "agent_name" : "LAPTOP-F4P1R6",
  "credentials" : {
     "key" : {
       "key" : true
  "created_at" : 1576300370,
  "service_count_udp" : 1,
  "mac_vendors" : [ "Dell", "Dell" ],
  "type" : "Server",
"last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_udp" : [ "53", "53" ],
  "hw" : "Dell PowerEdge 2500"
  "lowest_rtt" : 1,
  "service_ports_products" : [ "bind", "bind" ],
  "updated_at" : 1576300370,
  "detected_by" : "icmp",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
```

```
"service_ports_protocols" : [ "ssh", "ssh" ],
  "org_name" : "Test Labs",
  "addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
  "comments": "File Server",
  "os" : "Ubuntu Linux",
  "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8", "os_version" : "18.04",
  "service_count" : 10,
  "domains" : [ "www", "www" ],
"service_count_tcp" : 7,
  "newest_mac_vendor" : "Intel Corporate",
  "lowest_ttl" : 0,
"newest_mac" : "11:22:33:44:55:66",
  "service_count_arp" : 1,
  "services" : {
    "key" : {
   "key" : "services"
  "service_ports_tcp" : [ "22", "22" ],
  "tags" : {
    "key" : "tags"
  "site_name" : "Primary",
  "names" : [ "www", "www" ],
  "service_count_icmp" : 1,
  "rtts" : {
    "key" : ""
  "organization_id": "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ], "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "attributes" : {
    "key" : "attributes"
  "newest_mac_age" : 1304035200000000000
}, {
    "addresses" : [ "192.168.0.1", "192.168.0.1" ],
  "first_seen" : 1576300370,
  "alive" : true,
  "last_seen" : 1576300370,
  "agent_name" : "LAPTOP-F4P1R6",
  "credentials" : {
    "key" : {
    "key" : true
  "created_at" : 1576300370,
  "service_count_udp" : 1,
  "mac_vendors" : [ "Dell", "Dell" ],
  "type" : "Server",
"last_agent_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_udp" : [ "53", "53" ],
  "hw" : "Dell PowerEdge 2500",
  "lowest_rtt" : 1,
  "service_ports_products" : [ "bind", "bind" ],
  "updated_at" : 1576300370,
  "detected_by" : "icmp",
  "id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
  "service_ports_protocols" : [ "ssh", "ssh" ],
  "org_name" : "Test Labs",
  "addresses_extra" : [ "192.168.100.1", "192.168.100.1" ],
```

```
"comments" : "File Server",
     "os" : "Ubuntu Linux",
     "last_task_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
     "os_version" : "18.04",
     "service_count" : 10,
"domains" : [ "www", "www" ],
"service_count_tcp" : 7,
"newest_mac_vendor" : "Intel Corporate",
     "lowest_ttl" : 0,
"newest_mac" : "11:22:33:44:55:66",
     "service_count_arp" : 1,
     "services" : {
       "key" : {
    "key" : "services"
     },
"service_ports_tcp" : [ "22", "22" ],
     "tags" : {
    "key" : "tags"
     },
"site_name" : "Primary",
     "names" : [ "www", "www" ],
     "service_count_icmp" : 1,
     "rtts" : {
    "key" : ""
     "organization_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
     "macs" : [ "11:22:33:44:55:66", "11:22:33:44:55:66" ], "site_id" : "e77602e0-3fb8-4734-aef9-fbc6fdcb0fa8",
     "attributes" : {
       "key" : "attributes"
     "newest_mac_age" : 1304035200000000000
  } ],
  "since" : 1576300370
}
```

## **Produces**

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• application/json

## Responses

200

filtered asset results with a checkpoint wrapper AssetsWithCheckpoint

401

Access token is missing or invalid

# Models

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                                                                                                         <u>Up</u>
APIKey -
   id
   UUID format: uuid
   client_id (optional)
   UUID format: uuid
   organization_id (optional)
   UUID format: uuid
   created_at (optional)
   Long format: int64
   created_by (optional)
   String format: email
   comment (optional)
   <u>String</u>
   last_used_at (optional)
```

	<u>Long</u> format: int64	
	last_used_ip (optional) <u>String</u>	
	last_used_ua (optional) <u>String</u>	
	counter (optional) <u>Long</u> format: int64	
	usage_today (optional) <u>Long</u> format: int64	
	usage_limit (optional) Long format: int64	
	token (optional) <u>String</u>	
	inactive (optional) Boolean	
	type (optional) <u>String</u>	
APIKeyOptions -		<u>Up</u>
	comment (optional) <u>String</u>	
	organization_id (optional) <u>UUID</u> format: uuid	
AWSCredentialFields -		
	access_key String format: string	
	secret_access_key String format: string	
	regions (optional) String format: string	
	use_cross_account_org (optional) String format: string	
	role (optional) String format: string	
Ą	Agent -	
	id <u>UUID</u> format: uuid	
	client_id (optional) <u>UUID</u> format: uuid	
	organization_id (optional) <u>UUID</u> format: uuid	
	created_at (optional) Long format: int64	

	<pre>updated_at (optional) Long format: int64</pre>	
	host_id (optional) String	
	hub_id (optional) UUID format: uuid	
	name (optional) String format: hostname	
	site_id (optional) <u>UUID</u> format: uuid	
	last_checkin (optional) Long format: int64	
	os (optional) <u>String</u>	
	arch (optional) <u>String</u>	
	version (optional) <u>String</u>	
	external_ip (optional) <u>String</u>	
	internal_ip (optional) <u>String</u>	
	system_info (optional)  map[String, oas any type not mapped]	
	connected (optional) Boolean	
	inactive (optional) <u>Boolean</u>	
	deactivated_at (optional) <u>Long</u> format: int64	
Αç	gentSiteID -	<u>Up</u>
	site_id	
	<u>UUID</u> format: uuid	
As	sset -	<u>Up</u>
	id <u>UUID</u> format: uuid	
	created_at (optional) Long format: int64	
	updated_at (optional) Long format: int64	
	organization_id (optional) <u>UUID</u> format: uuid	
	site_id (optional) <u>UUID</u> format: uuid	

alive (optional)

**Boolean** format: boolean

first\_seen (optional)

Long format: int64

last\_seen (optional)

Long format: int64

detected\_by (optional)

<u>String</u>

type (optional)

<u>String</u>

os (optional)

<u>String</u>

os\_version (optional)

**String** 

hw (optional)

<u>String</u>

addresses (optional)

array[String]

addresses\_extra (optional)

array[String]

macs (optional)

array[String] format: mac

mac\_vendors (optional)

<u>array[String]</u>

names (optional)

array[String]

domains (optional)

array[String]

service\_count (optional)

Long format: int64

service\_count\_tcp (optional)

Long format: int64

service\_count\_udp (optional)

Long format: int64

service\_count\_arp (optional)

Long format: int64

service\_count\_icmp (optional)

**Long** format: int64

lowest ttl (optional)

**Long** format: int64

lowest\_rtt (optional)

**Long** format: int64

last\_agent\_id (optional)

**UUID** format: uuid

last\_task\_id (optional)

**UUID** format: uuid

newest\_mac (optional)

String format: mac

```
newest_mac_vendor (optional)
   <u>String</u>
   newest_mac_age (optional)
   Long format: int64
   comments (optional)
   <u>String</u>
   service_ports_tcp (optional)
   array[String] format: port
   service_ports_udp (optional)
   array[String] format: port
   service_ports_protocols (optional)
   array[String]
   service_ports_products (optional)
   array[String]
   org_name (optional)
   <u>String</u>
   site_name (optional)
   <u>String</u>
   agent_name (optional)
   String
   tags (optional)
   map[String, String]
   services (optional)
   map[String, map[String, String]]
   rtts (optional)
   map[String, oas any type not mapped]
   credentials (optional)
   map[String, map[String, Boolean]]
   attributes (optional)
   map[String, String]
AssetComments -
                                                                                                                     <u>Up</u>
   comments
   String
AssetServiceNow -
                                                                                                                     <u>Up</u>
   asset id
   UUID format: uuid
   organization (optional)
   <u>String</u>
   site (optional)
   <u>String</u>
   detected_by (optional)
   <u>String</u>
   type (optional)
   <u>String</u>
```

sys\_class\_name (optional) <u>String</u> os\_vendor (optional) <u>String</u> os\_product (optional) **String** os\_version (optional) hw\_vendor (optional) <u>String</u> hw\_product (optional) <u>String</u> hw\_version (optional) **String** ip\_address (optional) <u>String</u> addresses\_scope (optional) <u>String</u> addresses\_extra (optional) **String** mac\_address (optional) **String** format: mac mac\_manufacturer (optional) <u>String</u> newest\_mac\_age (optional) <u>String</u> macs (optional) String format: mac mac\_vendors (optional) **String** name (optional) <u>String</u> tags (optional) **String** domains (optional) **String** service\_count (optional) Long format: int64 service\_count\_tcp (optional) **Long** format: int64 service\_count\_udp (optional) Long format: int64 service\_count\_arp (optional) Long format: int64 service\_count\_icmp (optional) Long format: int64

lowest\_ttl (optional) <u>Long</u> format: int64

	lowest_rtt (optional) Long format: int64	
	alive (optional) Boolean format: boolean	
	first_discovered (optional) String	
	last_discovered (optional) String	
	last_updated (optional) String	
	comments (optional) String	
As	ssetTags -	<u>Up</u>
	tags String	
AssetTagsWithSearch -		<u>Up</u>
	tags String	
	search String	
AssetsWithCheckpoint -		<u>Up</u>
	since Long format: int64	
	assets array[Asset]	
Αż	zureClientSecretCredentialFields -	<u>Up</u>
	client_id String format: string	
	client_secret String format: string	
	tenant_id String format: string	
	multi_subscription (optional) String format: string	
	subscription_id (optional) String format: string	
AzureUsernamePasswordCredentialFields -		
	client_id	

```
String format: string
  tenant_id
   String format: string
   username
   String format: string
   password
   String format: string
CensysCredentialFields -
                                                                                                               <u>Up</u>
   client id
   String format: string
  client_secret
   String format: string
   api_url (optional)
   String format: string
ComponentVersion -
                                                                                                               <u>Up</u>
A component ID and version
   String format: string
  version
   String format: string
Credential -
                                                                                                               <u>Up</u>
  UUID format: uuid
  client_id (optional)
  UUID format: uuid
   name (optional)
   <u>String</u>
  type (optional)
   String The service the credentials are for.
        Enum:
           miradore_api_key_v1
           aws_access_secret
           crowdstrike_api_key
           azure client secret
           azure_username_password
           censys search api key
           snmpv2_community
           snmpv3_credential
           vmware_username_password
   created_at (optional)
  Long format: int64
   created_by_id (optional)
  UUID format: uuid
   created_by_email (optional)
   String format: email
```

<u>Up</u>

```
acl (optional)
  map[String, oas any type not mapped]
  global (optional)
  Boolean
  cidrs (optional)
  array[String]
  last_used_at (optional)
  Long format: int64
  last_used_by_id (optional)
  UUID format: uuid
CredentialFields -
  hostname
  String format: string
  api_key
  <u>String</u> format: string
  access_key
  String format: string
  secret_access_key
  String format: string
  regions (optional)
  String format: string
  use_cross_account_org (optional)
  String format: string
  role (optional)
  String format: string
  client_id
  String format: string
  client_secret
  String format: string
  tenant_id
  String format: string
  multi_subscription (optional)
  String format: string
  subscription_id (optional)
  String format: string
  username
  String format: string
  password
  String format: string
  api_url
  String format: string
  community
  String format: string
  context (optional)
  String format: string
```

auth-protocol (optional)

```
String format: string
   auth-passphrase (optional)
   String format: string
   privacy-protocol (optional)
   String format: string
   privacy-passphrase (optional)
   String format: string
  insecure (optional)
  String format: string
   thumbprints (optional)
   String format: string
CredentialOptions -
                                                                                                                 <u>Up</u>
  name (optional)
   String
  type (optional)
   String
         Enum:
           miradore_api_key_v1
           aws_access_secret
   acl (optional)
  map[String, oas any type not mapped]
   global (optional)
  Boolean
   cidrs (optional)
   <u>String</u>
   secret (optional)
  CredentialFields
CrowdstrikeCredentialFields -
                                                                                                                <u>Up</u>
   client id
  String format: string
   client_secret
   String format: string
   api url
  String format: string
Event -
                                                                                                                <u>Up</u>
  id (optional)
  UUID format: uuid
  created_at (optional)
  Long format: int64
   client_id (optional)
  UUID format: uuid
  organization_id (optional)
  UUID format: uuid
```

```
site_id (optional)
   UUID format: uuid
   action (optional)
   <u>String</u>
   source_id (optional)
   UUID format: uuid
   source_name (optional)
   <u>String</u>
   source_type (optional)
   <u>String</u>
   target_id (optional)
   UUID format: uuid
   target_name (optional)
   String
   target_type (optional)
   <u>String</u>
   success (optional)
   <u>Boolean</u>
   details (optional)
   map[String, oas any type not mapped]
   state (optional)
   String
   processor_id (optional)
   UUID format: uuid
   processed_at (optional)
   Long format: int64
Group -
                                                                                                                      <u>Up</u>
   id
   UUID format: uuid
   description (optional)
   <u>String</u>
   name (optional)
   <u>String</u>
   role_summary (optional)
   <u>String</u>
   user_count (optional)
   Long format: int64
   created_by_email (optional)
   String
   created_at (optional)
   Long format: int64
```

updated\_at (optional) <u>Long</u> format: int64 expires\_at (optional) <u>Long</u> format: int64

org\_default\_role (optional)

```
String
  org_roles (optional)
  map[String, oas any type not mapped]
GroupMapping -
                                                                                                                 <u>Up</u>
  UUID format: uuid
  group_id
  UUID format: uuid
  group_name (optional)
  <u>String</u>
   sso_attribute
   String
   sso_value
   String
  description (optional)
   String
   created_by_email (optional)
   <u>String</u>
   created at (optional)
  Long format: int64
  updated_at (optional)
  Long format: int64
GroupPost -
                                                                                                                 <u>Up</u>
  description (optional)
  String
  name (optional)
   String
  expires_at (optional)
  Long format: int64
  org_default_role (optional)
  String
  org_roles (optional)
  map[String, oas any type not mapped]
GroupPut -
                                                                                                                 <u>Up</u>
  id (optional)
  UUID format: uuid
  description (optional)
   <u>String</u>
  name (optional)
   String
  expires_at (optional)
  Long format: int64
```

**Up** 

```
org_default_role (optional)
   <u>String</u>
   org_roles (optional)
  map[String, oas any type not mapped]
License -
  id (optional)
  UUID format: uuid
  created_at (optional)
  Long format: int64
  updated_at (optional)
  Long format: int64
  name (optional)
   String
   activated_at (optional)
  Long format: int64
  license_type (optional)
   <u>String</u>
  license expiration (optional)
  Long format: int64
  license max assets (optional)
  Long format: int64
  license_live_asset_count (optional)
  Long format: int64
  license_project_asset_count (optional)
  Long format: int64
  via_reseller (optional)
  <u>Boolean</u>
   phone (optional)
   <u>String</u>
   address_street (optional)
   <u>String</u>
   address_country (optional)
   <u>String</u>
  address_city (optional)
  <u>String</u>
  address_region (optional)
   <u>String</u>
   address_postal (optional)
   String
   subscription_period_start (optional)
  Long format: int64
   subscription_period_end (optional)
  Long format: int64
   subscription_cancel_at (optional)
  Long format: int64
```

subscription\_canceled\_at (optional)

```
Long format: int64
   settings (optional)
   map[String, oas any type not mapped]
   sso_type (optional)
   String
   sso_domain (optional)
   sso_mode (optional)
   <u>String</u>
   sso_login_message (optional)
   String
   sso_login_issuer_url (optional)
   <u>String</u>
   sso_login_login_url (optional)
   String
   sso_login_logout_url (optional)
   <u>String</u>
   sso_default_role (optional)
   <u>String</u>
   partner (optional)
   String
MiradoreCredentialFields -
                                                                                                                  <u>Up</u>
   hostname
   String format: string
   api_key
   String format: string
OrgOptions -
                                                                                                                  <u>Up</u>
   name (optional)
   <u>String</u>
   description (optional)
   String
   export_token (optional)
   <u>String</u>
   project (optional)
   Boolean format: boolean
   parent_id (optional)
   UUID format: uuid
   expiration_assets_stale (optional)
   BigDecimal format: number
   expiration_assets_offline (optional)
   BigDecimal format: number
   expiration_scans (optional)
   BigDecimal format: number
```

<u>Up</u>

Organization id **UUID** format: uuid created\_at (optional) Long format: int64 updated\_at (optional) **Long** format: int64 client\_id (optional) **UUID** format: uuid download\_token (optional) <u>String</u> download\_token\_created\_at (optional) Long format: int64 permanent (optional) <u>Boolean</u> name <u>String</u> description (optional) <u>String</u> inactive (optional) **Boolean** deactivated\_at (optional) **Long** format: int64 service\_count (optional) Long format: int64 service\_count\_tcp (optional) Long format: int64 service\_count\_udp (optional) Long format: int64 service\_count\_arp (optional) Long format: int64 service\_count\_icmp (optional) Long format: int64 asset\_count (optional) Long format: int64 export\_token (optional) export\_token\_created\_at (optional) **Long** format: int64 export\_token\_last\_used\_at (optional) Long format: int64 export\_token\_last\_used\_by (optional) <u>String</u> export\_token\_counter (optional) Long format: int64

project (optional)

**Boolean** 

```
parent_id (optional)
  UUID format: uuid
   expiration_assets_stale (optional)
  Long format: int64
   expiration_assets_offline (optional)
  Long format: int64
   expiration_scans (optional)
  Long format: int64
SNMPv2CommunitiesCredentialFields -
                                                                                                                  <u>Up</u>
   community
   String format: string
SNMPv3CredentialFields -
                                                                                                                  <u>Up</u>
  username
  String format: string
   context (optional)
   String format: string
   auth-protocol (optional)
   String format: string
   auth-passphrase (optional)
  String format: string
   privacy-protocol (optional)
   String format: string
   privacy-passphrase (optional)
   String format: string
ScanOptions -
                                                                                                                   <u>Up</u>
  targets
   <u>String</u>
   excludes (optional)
   <u>String</u>
   scan-name (optional)
   <u>String</u>
   scan-description (optional)
   <u>String</u>
   scan-frequency (optional)
   <u>String</u>
         Enum:
            once
            hourly
            daily
            weekly
           monthly
           continuous
   scan-start (optional)
   String format: unixtime
```

```
scan-tags (optional)
   String
   scan-grace-period (optional)
   String
   agent (optional)
   UUID format: uuid
   rate (optional)
   <u>String</u>
   max-host-rate (optional)
   <u>String</u>
   passes (optional)
   <u>String</u>
   max-attempts (optional)
   String
   max-sockets (optional)
   <u>String</u>
   max-group-size (optional)
   <u>String</u>
   max-ttl (optional)
   <u>String</u>
   tcp-ports (optional)
   String
   tcp-excludes (optional)
   <u>String</u>
   screenshots (optional)
   String
   nameservers (optional)
   <u>String</u>
   subnet-ping (optional)
   String
   subnet-ping-net-size (optional)
   <u>String</u>
   subnet-ping-sample-rate (optional)
   String
   host-ping (optional)
   <u>String</u>
   probes (optional)
   String Optional probe list, otherwise all probes are used
ScanTemplate -
                                                                                                                        <u>Up</u>
   UUID format: uuid
   client_id (optional)
   UUID format: uuid
   organization_id (optional)
   UUID format: uuid
```

agent\_id (optional)

### runZero API documentation

site\_id (optional) **UUID** format: uuid cruncher\_id (optional) **UUID** format: uuid created\_at (optional) **Long** format: int64 created\_by (optional) **String** format: email created\_by\_user\_id (optional) **UUID** format: uuid updated\_at (optional) Long format: int64 type (optional) <u>String</u> status (optional) **String** error (optional) **String** params (optional) map[String, String] stats (optional) map[String, oas any type not mapped] hidden (optional) Boolean parent\_id (optional) **UUID** format: uuid recur (optional) **Boolean** recur\_frequency (optional) **String** start\_time (optional) Long format: int64 recur\_last (optional) Long format: int64 recur\_next (optional) **Long** format: int64 recur\_last\_task\_id (optional) **UUID** format: uuid name (optional) **String** description (optional) <u>String</u> grace\_period (optional) <u>String</u> source\_id (optional) **String** template\_id (optional)

**UUID** format: uuid

```
UUID format: uuid
  size_site (optional)
  Long format: int64
   size_data (optional)
  Long format: int64
  size_results (optional)
  Long format: int64
  hosted_zone_id (optional)
  UUID format: uuid
  linked_task_count (optional)
  Integer format: int32
  global
  Boolean
  acl
  map[String, oas any type not mapped]
ScanTemplateOptions -
                                                                                                               <u>Up</u>
  name
   <u>String</u>
   description (optional)
   <u>String</u>
  params (optional)
  map[String, String]
   global
  Boolean
   acl
  map[String, oas any type not mapped]
Search -
                                                                                                               <u>Up</u>
   search
   String
Service -
                                                                                                               <u>Up</u>
  service_id
  UUID format: uuid
  service_asset_id (optional)
  UUID format: uuid
  service_created_at (optional)
  Long format: int64
   service_updated_at (optional)
  Long format: int64
   service_address (optional)
   String
   service_transport (optional)
   String
```

service\_vhost (optional) <u>String</u> service\_port (optional) **String** format: port service\_data (optional) map[String, String] service\_protocol (optional) <u>String</u> service\_summary (optional) <u>String</u> service\_screenshot\_link (optional) **String** service\_link (optional) **String** id **UUID** format: uuid created\_at (optional) Long format: int64 updated\_at (optional) Long format: int64 organization\_id (optional) **UUID** format: uuid site\_id (optional) **UUID** format: uuid alive (optional) **Boolean** format: boolean first\_seen (optional) Long format: int64 last\_seen (optional) Long format: int64 detected\_by (optional) <u>String</u> type (optional) <u>String</u> os (optional) <u>String</u> os\_version (optional) <u>String</u> hw (optional) <u>String</u> addresses (optional) array[String] addresses\_extra (optional) array[String] macs (optional) array[String] format: mac

mac\_vendors (optional)

array[String]

names (optional) array[String] domains (optional) array[String] service\_count (optional) **Long** format: int64 service\_count\_tcp (optional) **Long** format: int64 service\_count\_udp (optional) Long format: int64 service\_count\_arp (optional) Long format: int64 service\_count\_icmp (optional) Long format: int64 lowest\_ttl (optional) Long format: int64 lowest\_rtt (optional) Long format: int64 last\_agent\_id (optional) **UUID** format: uuid last\_task\_id (optional) **UUID** format: uuid newest\_mac (optional) String format: mac newest\_mac\_vendor (optional) <u>String</u> newest\_mac\_age (optional) Long format: int64 comments (optional) **String** service\_ports\_tcp (optional) array[String] format: port service\_ports\_udp (optional) array[String] format: port service\_ports\_protocols (optional) array[String] service\_ports\_products (optional) array[String] org\_name (optional) <u>String</u> site\_name (optional) **String** agent\_name (optional) **String** tags (optional) map[String, String]

services (optional)

map[String, map[String, String]]

```
rtts (optional)
   map[String, oas any type not mapped]
   credentials (optional)
   map[String, map[String, Boolean]]
   attributes (optional)
   map[String, String]
Site-
                                                                                                                   <u>Up</u>
   id
   UUID format: uuid
   created_at (optional)
   Long format: int64
   updated_at (optional)
   Long format: int64
   permanent (optional)
   <u>Boolean</u>
   name
   String
   description (optional)
   scope (optional)
   String
   excludes (optional)
   <u>String</u>
   subnets (optional)
   map[String, oas any type not mapped]
SiteOptions -
                                                                                                                   <u>Up</u>
   name
   String
   description (optional)
   String
   scope (optional)
   <u>String</u>
   excludes (optional)
   <u>String</u>
Task -
                                                                                                                   <u>Up</u>
   UUID format: uuid
   name (optional)
   String
   description (optional)
   String
   template_id (optional)
```

**UUID** format: uuid client\_id (optional) **UUID** format: uuid organization\_id (optional) **UUID** format: uuid agent\_id (optional) **UUID** format: uuid site\_id (optional) **UUID** format: uuid cruncher\_id (optional) **UUID** format: uuid created\_at (optional) Long format: int64 created\_by (optional) String format: email created\_by\_user\_id (optional) **UUID** format: uuid updated\_at (optional) Long format: int64 type (optional) <u>String</u> status (optional) <u>String</u> error (optional) <u>String</u> params (optional) map[String, String] stats (optional) map[String, oas any type not mapped] hidden (optional) <u>Boolean</u> parent\_id (optional) **UUID** format: uuid recur (optional) **Boolean** recur\_frequency (optional) <u>String</u> start\_time (optional) **Long** format: int64 recur\_last (optional) **Long** format: int64 recur\_next (optional) Long format: int64 recur\_last\_task\_id (optional) **UUID** format: uuid

URL - Up

```
A URL to a resource
   id (optional)
   String format: url
User -
                                                                                                                     <u>Up</u>
   id
   UUID format: uuid
   client_id (optional)
   UUID format: uuid
   created_at (optional)
   Long format: int64
   updated_at (optional)
   Long format: int64
   first_name (optional)
   String
   last_name (optional)
   <u>String</u>
   email (optional)
   <u>String</u>
   client_admin (optional)
   <u>Boolean</u>
   org_default_role (optional)
   String
   org_roles (optional)
   map[String, oas any type not mapped]
   reset_token_expiration (optional)
   Long format: int64
   invite_token_expiration (optional)
   Long format: int64
   last_login_ip (optional)
   <u>String</u>
   last_login_at (optional)
   Long format: int64
   last_login_ua (optional)
   <u>String</u>
   sso_only (optional)
   Boolean
   login_failures (optional)
   Long format: int64
UserInviteOptions -
                                                                                                                     <u>Up</u>
   first_name (optional)
   <u>String</u>
   last_name (optional)
   <u>String</u>
```

email (optional)

```
String
   client_admin (optional)
   Boolean
   org_default_role (optional)
   String
   org_roles (optional)
   map[String, oas any type not mapped]
   subject (optional)
   <u>String</u>
   message (optional)
   <u>String</u>
UserOptions -
                                                                                                                    <u>Up</u>
   first_name (optional)
   <u>String</u>
   last_name (optional)
   <u>String</u>
   email (optional)
   <u>String</u>
   client_admin (optional)
   <u>Boolean</u>
   org_default_role (optional)
   String
   org_roles (optional)
   map[String, oas any type not mapped]
VMwareCredentialFields -
                                                                                                                    <u>Up</u>
   username
   String format: string
   password
   String format: string
   insecure (optional)
   String format: string
   thumbprints (optional)
   String format: string
Wireless -
                                                                                                                    <u>Up</u>
   UUID format: uuid
   created_at (optional)
   Long format: int64
   last_seen (optional)
   Long format: int64
   organization_id (optional)
   UUID format: uuid
```

## site\_id (optional)

<u>UUID</u> format: uuid

# last\_agent\_id (optional)

**UUID** format: uuid

## last\_task\_id (optional)

**UUID** format: uuid

### essid (optional)

**UUID** format: uuid

# bssid (optional)

String format: mac

# type (optional)

**String** 

## authentication (optional)

**String** 

## encryption (optional)

<u>String</u>

## signal (optional)

<u>Integer</u>

## channels (optional)

**String** 

### interface (optional)

**String** 

## vendor (optional)

<u>String</u>

# family (optional)

String

# data (optional)

map[String, String]

# org\_name (optional)

**String** 

# site\_name (optional)

<u>String</u>

# agent\_name (optional)

<u>String</u>