

Manage Entitlements API (0.2.0)

E-mail: TBD@ruckuswireless.com

The Manage Entitlements API provides endpoints to manage entitlements. You can use this API to retrieve detailed information about entitlements, usage statistics, available licenses, and expired licenses. This API helps you effectively manage your entitlements and make informed decisions about licensing. Assignments API manage entitlement assignment. You can retrieve a list of assignments, create new assignments, update existing ones, and delete individual assignments.

[Ruckus Network Technical Documents](#)

Entitlement

Endpoints for Managing Entitlements

Get Entitlements Utilization Summaries

Retrieve entitlement usage details. Usage summaries provide information on the number of entitlements used and active devices.

v1.1: Trial license entry will not exist in the response if there are no active trial licenses and no used trial licenses for the MSP/VAR.

v1.0: Will be deprecated on 07/2025 and will be fully removed no earlier than 01/2026.

HEADER PARAMETERS

Content-Type required	string
REQUEST BODY SCHEMA:	application/vnd.ruckus.v1+json
filters >	object (DynamicQueryPayloadFilterDto) The query filters

Responses

> 200 success
> 404 Tenant not found.
> 417 Cannot display subscription data: entitlement ID is missing. At least one tenant subscription must be active.
> 500 Internal Server Error

POST

/entitlements/utilizations/query

Request samples

Payload

Content type

application/vnd.ruckus.v1+json

Copy

Expand all

Collapse all

```
{
  "filters": {
    "licenseType": [ ... ],
    "isTrial": false,
    "status": [ ... ],
    "isAssignedLicense": false,
    "usageType": "Self"
  }
}
```

```
}
}
```

Response samples

- 200
- 404
- 417
- 500

Content type

application/vnd.ruckus.v1+json

Example

DataResponseDto

Copy Expand all Collapse all

```
{
  - "data": [
    { }
  ],
  - "errors": [
    + { ... }
  ]
}
```

Get Entitlements

Retrieve all purchased entitlements.

QUERY PARAMETERS

excludeContent boolean

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json required

defaultPageSize	integer <int32>
sortField	string
sortOrder	string
page	integer <int32>
pageSize	integer <int32>
fields	Array of strings unique
filters >	object (DynamicQueryPayloadFilterDto) The query filters

Responses

- > 200 success.
- > 404 Tenant not found.
- > 417 Cannot display subscription data: entitlement ID is missing. At least one tenant subscription must be active.
- > 500 Internal Server Error

Request samples

Payload

Content type
application/vnd.ruckus.v1+json

Copy Expand all Collapse all

```
{
  "defaultPageSize": 0,
  "sortField": "string",
  "sortOrder": "string",
  "page": 0,
  "pageSize": 0,
  "fields": [
    "string"
  ],
  "filters": {
    "licenseType": [ ... ],
    "isTrial": false,
    "status": [ ... ],
    "isAssignedLicense": false,
    "usageType": "Self"
  }
}
```

Response samples

- 200
- 404
- 417
- 500

Content type
application/vnd.ruckus.v1+json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "totalCount": 0,
  "page": 0,
  "pageSize": 0,
  "objectId": "string",
  "data": [
    { }
  ],
  "errors": [
    { ... }
  ],
  "subsequentQueries": [
    { ... }
  ]
}
```

Retrieve entitlement compliance data.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json ▼
required

filters > object (LicenseComplianceFilter)

Responses

- > 200 success
- > 404 This tenant does not exist.
- > 500 Internal Server Error

POST /entitlements/compliances/query ▼

Request samples

Payload

Content type
application/vnd.ruckus.v1+json ▼

Copy Expand all Collapse all

```
{
  "filters": {
    "licenseType": [ ... ],
    "complianceType": "SELF"
  }
}
```

Response samples

200 404 500

Content type
application/json ▼

Copy Expand all Collapse all

```
{
  "compliances": [
    { ... }
  ]
}
```

Get Entitlements Banners

Retrieve entitlement banner data. Banners provide information about entitlements that are either near their expiry or have expired.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json ▼
required

filters > object (Filters)

Responses

- > 200 success
- > 404 This tenant does not exist.
- > 500 Internal Server Error

POST /entitlements/banners/query

Request samples

Payload

Content type

application/vnd.ruckus.v1+json

Copy

Expand all

Collapse all

```
{
  - "filters": {
    + "licenseType": [ ... ],
    "usageType": "string"
  }
}
```

Response samples

200 404 500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "data": [
    + { ... }
  ]
}
```

Update Entitlements

Sync entitlements.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json required

usageType	string
status	string
refreshType	string Enum: "FULL" "DELTA"

Responses

- > 202 Sync entitlements
-

- > **404** Tenant not found.
- > **417** Entitlement ID is missing. At least one tenant subscription must be active.
- > **500** Internal Server Error

PATCH /entitlements

Request samples

Payload

Content type

application/vnd.ruckus.v1+json

Copy

```
{  "usageType": "string",  "status": "string",  "refreshType": "FULL"}
```

Response samples

202

404

417

500

Content type

application/json

Copy

```
{  "link": "http://example.com",  "desc": "string",  "requestId": "string"}
```

Assignment

Get Entitlements Assignments

PATH PARAMETERS

tenantId	string
required	

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json

required

fields	Array of strings unique A list of assignment data fields to be returned.
page	integer <int32> The page number to be returned, 1 based, default 1.
pageSize	integer <int32> The page number to be returned, default 20.
sortField	string Enum: "expirationDate" "effectiveDate" The data filed name which will be used for sorting the query result.

sortOrder	string Enum: "ASC" "DESC" The sorting order, default is ascending order.
filters >	object (QueryAssignmentFilters) The query filters.

Responses

- > 200 OK
- > 400 Bad input, missing tenant ID.
- > 500 Internal server error.

POST /tenants/{tenantId}/entitlements/assignments/query

Request samples

Payload

Content type
application/vnd.ruckus.v1+json

Copy Expand all Collapse all

```
{
  - "fields": [
    "id",
    "quantity"
  ],
  "page": 1,
  "pageSize": 30,
  "sortField": "expirationDate",
  "sortOrder": "ASC",
  - "filters": {
    + "licenseType": [ ... ],
    + "status": [ ... ],
    + "createdBy": [ ... ],
    "isTrial": false
  }
}
```

Response samples

200 400 500

Content type
application/json

Copy Expand all Collapse all

```
{
  - "fields": [
    "string"
  ],
  "totalCount": 0,
  "page": 0,
  "pageSize": 0,
  "objectId": "string",
  "data": [
```

```
- data: {  
  { }  
},  
- "errors": [  
  + { ... }  
],  
- "subsequentQueries": [  
  + { ... }  
]  
}
```

Create a Self Assignment

This endpoint creates a self assignment, which can be used for own accounts.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json ▼
required

effectiveDate required	string Effective date of the entitlement assignment.
expirationDate required	string Expiration date of the entitlement assignment.
quantity required	integer <int32> Quantity of entitlements assigned.
licenseType required	string Type of entitlement
trial	boolean

Responses

- > **201** Created a self assignment
- > **400** Bad input, such as missing required fields.
- > **500** Internal server error.

POST /tenants/self/entitlements/assignments ▼

Request samples

Payload

Content type
application/vnd.ruckus.v1+json ▼

Copy

```
{  
  "effectiveDate": "2024-01-22 15:08:10Z",  
  "expirationDate": "2024-02-21 15:07:10Z",  
  "quantity": 5,  
  "licenseType": "APSW",  
  "trial": true  
}
```


Response samples

- 201
- 400
- 500

Content type

application/json

Copy Expand all Collapse all

```
{
  "status": "success",
  "message": "Object created/updated successfully.",
  "data": {
    "id": 1234,
    "effectiveDate": "2024-01-22T15:08:10Z",
    "expirationDate": "2024-02-21T15:07:10Z",
    "quantity": 5,
    "licenseType": "APSW",
    "status": "VALID",
    "createdDate": "2024-01-16T06:06:02.776Z",
    "revokedDate": "null",
    "createdBy": "rohitmsp.ruckusone5@email.com",
    "revokedBy": "null",
    "isTrial": false
  }
}
```

Get Self Entitlement Assignment

This endpoint retrieves entitlement assignments for own accounts.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json

required

fields	Array of strings unique A list of assignment data fields to be returned.
page	integer <int32> The page number to be returned, 1 based, default 1.
pageSize	integer <int32> The page number to be returned, default 20.
sortField	string Enum: "expirationDate" "effectiveDate" The data filed name which will be used for sorting the query result.
sortOrder	string Enum: "ASC" "DESC" The sorting order, default is ascending order.
filters >	object (QueryAssignmentFilters) The query filters.

Responses

> 200 OK

> **400** Bad input, missing tenant ID.

> **500** Internal server error.

POST /tenants/self/entitlements/assignments/query

Request samples

Payload

Content type

application/vnd.ruckus.v1+json

Copy

Expand all

Collapse all

```
{
  - "fields": [
    -   "id",
    -   "quantity"
    ],
  "page": 1,
  "pageSize": 30,
  "sortField": "expirationDate",
  "sortOrder": "ASC",
  - "filters": {
    + "licenseType": [ ... ],
    + "status": [ ... ],
    + "createdBy": [ ... ],
    "isTrial": false
  }
}
```

Response samples

200

400

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  - "fields": [
    -   "string"
    ],
  "totalCount": 0,
  "page": 0,
  "pageSize": 0,
  "objectId": "string",
  - "data": [
    -   { }
    ],
  - "errors": [
    -   { ... }
    ],
  - "subsequentQueries": [
    -   { ... }
    ]
}
```

This endpoint deletes active assignments. When a license is deleted, it is not completely removed but instead marked as revoked and cannot be used.

PATH PARAMETERS

id required	integer <int64>
--	-----------------

Responses

- 204

Assignment deleted successfully
- >

400

Bad input, such as missing required fields.
- >

409

If the assignment already have been revoked.
- >

500

Internal server error.

DELETE

/tenants/self/entitlements/assignments/{id}

Response samples

400

409

500

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "requestId": "string",
  "error": {
    "code": "string",
    "message": "string",
    "reason": "string",
    "suggestion": "string"
  }
}
```

Update a Self Assignment

This endpoint updates a self assignment. Quantity and expiry date can be updated for self assignments. When updating assignments, existing assignments will be revoked and new assignments will be created with updated fields.

PATH PARAMETERS

id required	integer <int64>
--	-----------------

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json

required

expirationDate required	string Expiration date of the entitlement assignment.
quantity required	integer <int32> Quantity of entitlements assigned.
valid	boolean

Responses

- > **200** Assignment updated successfully
- > **400** Bad input, such as missing required fields.
- > **402** Insufficient license
- > **409** If the assignment has already expired.
- > **500** Internal server error.

PATCH /tenants/self/entitlements/assignments/{id}

Request samples

Payload

Content type
application/vnd.ruckus.v1+json

Copy

```
{
  "expirationDate": "2024-02-21 15:07:10Z",
  "quantity": 5,
  "valid": true
}
```

Response samples

- 200
- 400
- 402
- 409
- 500

Content type
application/json

Copy Expand all Collapse all

```
{
  "status": "success",
  "message": "Object created/updated successfully.",
  "data": {
    "id": 1234,
    "effectiveDate": "2024-01-22T15:08:10Z",
    "expirationDate": "2024-02-21T15:07:10Z",
    "quantity": 5,
    "licenseType": "APSW",
    "status": "VALID",
    "createdDate": "2024-01-16T06:06:02.776Z",
    "revokedDate": "null",
    "createdBy": "rohitmsp.ruckusone5@email.com",
    "revokedBy": "null",
    "isTrial": false
  }
}
```

AvailabilityReport

Query License Mileage Report

This endpoint allows you to query license mileage reports for entitlements.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json ▼
required

page	integer <int32> The page number to be returned, 1 based, default 1.
pageSize	integer <int32> The page number to be returned, default 20.
filters > required	object (CalculatorFilterRequestDto) Filter criteria for the request

Responses

- > 200 Success
- > 403 Access Denied
- > 500 Internal Server Error

POST /entitlements/mileageReports/query ▼

Request samples

Payload

Content type
application/vnd.ruckus.v1+json ▼

Copy Expand all Collapse all

```
{
  "page": 1,
  "pageSize": 30,
  "filters": {
    "usageType": "ASSIGNED",
    "licenseType": "APSW",
    "isTrial": true
  }
}
```

Response samples

200 403 500

Content type
application/vnd.ruckus.v1+json ▼

Copy Expand all Collapse all

```
{
  "status": "success",
  "message": "Object created/updated successfully.",
  "page": 0,
  "pageSize": 0,
  "totalCount": 0,
  "data": [
    + { ... }
  ]
}
```

Query Availability Reports

This endpoint allows you to query availability reports for entitlements.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json

effectiveDate	string ^\d{4}-\d{2}-\d{2}\$
required	Start date from which the license is valid.
expirationDate	string ^\d{4}-\d{2}-\d{2}\$
	End date until which the license is valid. Required if operator max quantity is selected.
quantity	integer <int32>
	Number of licenses available. Required if operator max period is selected.
operator	string
required	Enum: "MAX_QUANTITY" "MAX_PERIOD"
	Operator to be used.
filters >	object (CalculatorFilterRequestDto)
required	Filter criteria for the request

Responses

- > 200 Success
- > 403 Access Denied
- > 500 Internal Server Error

POST /entitlements/availabilityReports/query

Request samples

Payload

Content type
application/vnd.ruckus.v1+json

Copy Expand all Collapse all

```
{
  "effectiveDate": "2024-01-22",
  "expirationDate": "2025-02-21",
  "quantity": 5,
  "operator": "MAX_QUANTITY",
  "filters": {
    "usageType": "ASSIGNED",
    "licenseType": "APSW",
    "isTrial": true
  }
}
```

Response samples

200 403 500

```
{
  "status": "success",
  "message": "Object created/updated successfully.",
  "data": {
    "effectiveDate": "2024-01-22",
    "expirationDate": "2024-02-21",
    "quantity": 5,
    "licenseType": "APSW",
    "isTrial": false
  }
}
```

Get Entitlement Usage Report

Get the entitlement usage report.

QUERY PARAMETERS

licenseType	string Enum: "MSP_WIFI" "MSP_WIFI_TEMP" "MSP_ICX" "MSP_ICX71L" "MSP_ICX71" "MSP_ICX75" "MSP_ICX76" "MSP_ICX78" "MSP_ICX_ANY" "MSP_EDGE" "MSP_EDGE_TEMP" "MSP_APSW" "MSP_APSW_TEMP" "MSP_URLF" "MSP_EDGE_SECL" "MSP_EDGE_SELS" "MSP_SLTN_TOKEN" "MSP_SLTN_TOKEN_TEMP" Specific license type if the tenant is an ALM tenant, valid value: MSP_APSW (default), MSP_URLF, MSP_EDGE_SECS, MSP_EDGE_SECL
startDate	string The first date included in the usage report, for example, startDate=yyyy-mm-dd; if omitted, the startDate is set to last month's first date.
endDate	string The end date included in the usage report, for example, endDate=yyyy-mm-dd; if omitted, the endDate is set to last month's last date.
month	string month=mm
year	string year=yyyy
mspEcTenantId	string Specific MSP EC tenant ID
deviceDetails	boolean Default: false True to include device detail in the report. False to exclude device detail in the report.
page	integer <int32> Default: 0 Page number for the daily reports. If missing or value 0 means no pagination, all daily reports will be returned.
pageSize	integer <int32> Default: 5 Page size for the daily reports, default is 5, valid only if page is given

HEADER PARAMETERS

Content-Type

required

string

Responses

- > 200 Success
- > 404 Tenant not found.
- > 500 Internal Server Error

GET /entitlements/licenseUsageReports

Response samples

200404500

Content type

application/json

Copy

{ }

AttentionNote

Query License Attention Notes

Query license attention notes.

QUERY PARAMETERS

excludeContent

boolean

Default: false

REQUEST BODY SCHEMA:

application/vnd.ruckus.v1+json

required

sortField	string Sorting field, it can be any of the fields of attention notes.
sortOrder	string Enum: "ASC" "DESC" Sorting order, default is ascending order if missing.
page	integer <int32> Page number, 1 based, default is 1 if missing.
pageSize	integer <int32> Page size, default is 20 if missing.
fields	Array of strings unique Items Enum: "id" "type" "tenantType" "enabled" "startDate" "endDate" "summary" "details" "createdDate" "updatedAt" "status" Fields to return, all fields will be returned if missing.
filters >	object (AttentionNoteQueryFilterDto)

Responses

- > 200 Success
- > 403 Access Denied
- > 500 Internal Server Error

POST /entitlements/attentionNotes/query

Request samples

Payload

Content type

application/vnd.ruckus.v1+json

Copy Expand all Collapse all

```
{
  "sortField": "startDate",
  "sortOrder": "DESC",
  "page": 1,
  "pageSize": 30,
  "fields": [
    "summary",
    "details"
  ],
  "filters": {
    "type": [ ... ],
    "tenantType": [ ... ],
    "status": [ ... ],
    "enabled": true,
    "licenseCheck": true
  }
}
```

Response samples

200 403 500

Content type

application/vnd.ruckus.v1+json

Copy Expand all Collapse all

```
{
  "fields": [
    "string"
  ],
  "totalCount": 0,
  "page": 0,
  "pageSize": 0,
  "objectId": "string",
  "data": [
    { ... }
  ],
  "errors": [
    { ... }
  ],
  "subsequentQueries": [
    { ... }
  ]
}
```

UsageSetting

Query Entitlement Settings

Query entitlement settings.

Responses

- > 200 Success
- > 403 Access Denied
- > 404 Tenant not found.
- > 500 Internal Server Error

GET /entitlements/settings

Response samples

200 403 404 500

Content type

application/vnd.ruckus.v1+json

Copy Expand all Collapse all

```
[
  {
    "featureType": "SLTN_PI_NET",
    "featureName": "Personal Identity Network",
    "maxQuantity": 100,
    "enabled": true,
    "capped": true,
    "licenseToken": 1,
    "featureCostUnit": "per Tunnel",
    "featureUnit": "Tunnel"
  }
]
```

Update Entitlement Settings

Update entitlement settings.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1+json required

Array [	
featureType	string
maxQuantity	integer <int32>
enabled	boolean
capped	boolean

]

Responses

- > 200 Success
- > 403 Access Denied
- > 404 Tenant not found.
- > 500 Internal Server Error

PATCH /entitlements/settings

Request samples

Payload

Content type

application/vnd.ruckus.v1+json

Copy

Expand all

Collapse all

```
[
- {
  "featureType": "string",
  "maxQuantity": 0,
  "enabled": true,
  "capped": true
}
```

Response samples

200 403 404 500

Content type

application/vnd.ruckus.v1+json

Copy

Expand all

Collapse all

```
[
- {
  "featureType": "SLTN_PI_NET",
  "featureName": "Personal Identity Network",
  "maxQuantity": 100,
  "enabled": true,
  "capped": true,
  "licenseToken": 1,
  "featureCostUnit": "per Tunnel",
  "featureUnit": "Tunnel"
}
```