

MAC Registration API (0.0.1)

Registration Pool

Update Policy Set for a Registration Pool

PATH PARAMETERS

id required	string <uuid> Registration pool id
policySetId required	string Policy set id

Responses

- > 202 The update request has been accepted and is in progress
- > 404 Registration pool not found

PUT /macRegistrationPools/{id}/policySets/{policySetId}

Response samples

202404

Content type

application/json

Copy

```
{  "requestId": "string",  "id": "string"}
```

Delete Policy Set from a Registration Pool

PATH PARAMETERS

id required	string <uuid> Registration pool id
policySetId required	string Policy set id

Responses

- > 202 The remove request has been accepted and is in progress
- > 404 Registration pool not found

DELETE /macRegistrationPools/{id}/policySets/{policySetId}

Response samples

Content type

application/json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Search for Registration Pools with the Specified Criteria

QUERY PARAMETERS

page	integer >= 0 Default: 0 Zero-based page index (0..N)
size	integer >= 1 Default: 20 The size of the page to be returned
sort	Array of strings Sorting criteria in the format: property,(asc desc). Default sort order is ascending. Multiple sort criteria are supported.

REQUEST BODY SCHEMA: application/json

required

searchCriteriaList >	Array of objects (SearchCriteria)
dataOption	string

Responses

> 200 Registrations

POST /macRegistrationPools/query

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "searchCriteriaList": [
    + { ... }
  ],
  "dataOption": "ALL"
}
```

Response samples

200

Content type
application/json

CopyExpand allCollapse all

```
{
  "totalPages": 0,
  "totalElements": 0,
  "size": 0,
  - "content": [
    + { ... }
  ],
  "number": 0,
  - "sort": {
    "empty": true,
    "sorted": true,
    "unsorted": true
  },
  "numberOfElements": 0,
  - "pageable": {
    "offset": 0,
    + "sort": { ... },
    "pageSize": 0,
    "pageNumber": 0,
    "unpaged": true,
    "paged": true
  },
  "first": true,
  "last": true,
  "empty": true
}
```

Registration Pools That Contain MAC Registrations

QUERY PARAMETERS

page	integer >= 0 Default: 0 Zero-based page index (0..N)
size	integer >= 1 Default: 20 The size of the page to be returned
sort	Array of strings Sorting criteria in the format: property,(asc desc). Default sort order is ascending. Multiple sort criteria are supported.

Responses

> 200 Registration pools

GET /macRegistrationPools

Response samples

200

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "totalPages": 0,
  "totalElements": 0,
  "size": 0,
  - "content": [
    + { ... }
  ],
  "number": 0,
  - "sort": {
    "empty": true,
    "sorted": true,
    "unsorted": true
  },
  "numberOfElements": 0,
  - "pageable": {
    "offset": 0,
    + "sort": { ... },
    "pageSize": 0,
    "pageNumber": 0,
    "unpaged": true,
    "paged": true
  },
  "first": true,
  "last": true,
  "empty": true
}
```

Create a Registration Pool

REQUEST BODY SCHEMA: application/json

required

id	string <uuid> The unique identifier for this pool.
name required	string [0 .. 255] characters The unique reference name of the pool.
description	string [0 .. 255] characters A description of the pool.
autoCleanup	boolean Default: true A toggle determining whether MAC registrations that are 24 hours past the expiration time will be automatically removed from the pool.
expirationType	string Enum: "SPECIFIED_DATE" "MINUTES_AFTER_TIME" "HOURS_AFTER_TIME" "DAYS_AFTER_TIME" "WEEKS_AFTER_TIME" "MONTHS_AFTER_TIME" "QUARTERS_AFTER_TIME" "YEARS_AFTER_TIME" "END_OF_HOUR" "END_OF_DAY" "END_OF_WEEK" "END_OF_MONTH" "END_OF_QUARTER" "END_OF_HALF" "END_OF_YEAR" Defines the rule for expiration date calculation.
expirationOffset	integer <int32> If the expiration type is not specified_date then this field is the offset amount.
expirationDate	string <date-time> If the expiration type is specified_date then this field is the related date.

ssidRegex	string [0 .. 255] characters A regex to determine which SSIDs this registration pool will allows access to.
expirationEnabled	boolean Default: false If the expiration setting is enabled for new MAC registration.
registrationCount	integer <int32> Number of registrations in the pool.
defaultAccess	string Default: "ACCEPT" Enum: "ACCEPT" "REJECT" The type of default access.
createdDate	string <date-time> The created date of this pool.
policySetId	string The policy set of this pool.
isReferenced	boolean This pool is referenced by an identity group and cannot be deleted.
networkCount	integer <int32> Number of networks associated with this pool.
identityGroupId	string The identity group of this pool.
identityId	string The single identity policy of this pool.
_links >	object (Links)

Responses

- > 201 Registration pool created
- > 202 The registration pool create request is in progress
- > 400 Invalid pool content
- > 419 Exceed max pools per tenant

POST /macRegistrationPools

Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

{
 "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
 "name": "string",
 "description": "string",
 "autoCleanup": true,
 "expirationType": "SPECIFIED_DATE",
 "expirationOffset": 0,
}

```

"expirationDate": "2019-08-24T14:15:22Z",
"ssidRegex": "string",
"expirationEnabled": false,
"registrationCount": 0,
"defaultAccess": "ACCEPT",
"createdDate": "2019-08-24T14:15:22Z",
"policySetId": "string",
"isReferenced": true,
"networkCount": 0,
"identityGroupId": "string",
"identityId": "string",
- "_links": {
+   "property1": { ... },
+   "property2": { ... }
}
}

```

Response samples

201

202

400

419

Content type

application/json

Copy Expand all Collapse all

```

{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "autoCleanup": true,
  "expirationType": "SPECIFIED_DATE",
  "expirationOffset": 0,
  "expirationDate": "2019-08-24T14:15:22Z",
  "ssidRegex": "string",
  "expirationEnabled": false,
  "registrationCount": 0,
  "defaultAccess": "ACCEPT",
  "createdDate": "2019-08-24T14:15:22Z",
  "policySetId": "string",
  "isReferenced": true,
  "networkCount": 0,
  "identityGroupId": "string",
  "identityId": "string",
- "_links": {
+   "property1": { ... },
+   "property2": { ... }
}
}

```

Returns the Specific Registration Pool Containing MAC Registrations

PATH PARAMETERS

id	string <uuid>
required	Example: f1ae11f2-1390-47c1-b05e-8377180c2b27
	Registration pool id

Responses

> **200** Registration pool

> **400** Invalid id supplied

> **404** Registration pool not found

GET /macRegistrationPools/{id}

Response samples

200

400

404

Content type

application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "autoCleanup": true,
  "expirationType": "SPECIFIED_DATE",
  "expirationOffset": 0,
  "expirationDate": "2019-08-24T14:15:22Z",
  "ssidRegex": "string",
  "expirationEnabled": false,
  "registrationCount": 0,
  "defaultAccess": "ACCEPT",
  "createdDate": "2019-08-24T14:15:22Z",
  "policySetId": "string",
  "isReferenced": true,
  "networkCount": 0,
  "identityGroupId": "string",
  "identityId": "string",
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Delete the Specific Registration Pool

PATH PARAMETERS

id
required

string <uuid>
Example: f1ae11f2-1390-47c1-b05e-8377180c2b27
Registration pool id

Responses

— **200** Registration pool deleted

> **202** The registration pool delete request is in progress

> **400** Invalid id supplied

> **404** Registration pool not found

> **409** The Registration pool associated with other resources is not allowed to be deleted

DELETE /macRegistrationPools/{id}

Response samples

202

400

404

409

Content type

application/vnd.ruckus.v1.1+json

Copy

```
{
  "requestId": "string",
  "id": "string"
}
```

Update Properties in the Specific Registration Pool

PATH PARAMETERS

id
required
string <uuid>
Example: f1ae11f2-1390-47c1-b05e-8377180c2b27
Registration pool id

REQUEST BODY SCHEMA: application/json
required

id
string <uuid>
The unique identifier for this pool.

name
required
string [0 .. 255] characters
The unique reference name of the pool.

description
string [0 .. 255] characters
A description of the pool.

autoCleanup
boolean
Default: true
A toggle determining whether MAC registrations that are 24 hours past the expiration time will be automatically removed from the pool.

expirationType
string
Enum: "SPECIFIED_DATE" "MINUTES_AFTER_TIME" "HOURS_AFTER_TIME" "DAYS_AFTER_TIME" "WEEKS_AFTER_TIME" "MONTHS_AFTER_TIME" "QUARTERS_AFTER_TIME" "YEARS_AFTER_TIME" "END_OF_HOUR" "END_OF_DAY" "END_OF_WEEK" "END_OF_MONTH" "END_OF_QUARTER" "END_OF_HALF" "END_OF_YEAR"
Defines the rule for expiration date calculation.

expirationOffset
integer <int32>
If the expiration type is not specified_date then this field is the offset amount.

expirationDate
string <date-time>
If the expiration type is specified_date then this field is the related date.

ssidRegex
string [0 .. 255] characters
A regex to determine which SSIDs this registration pool will allows access to.

expirationEnabled
boolean
Default: false
If the expiration setting is enabled for new MAC registration.

registrationCount	integer <int32> Number of registrations in the pool.
defaultAccess	string Default: "ACCEPT" Enum: "ACCEPT" "REJECT" The type of default access.
createdDate	string <date-time> The created date of this pool.
policySetId	string The policy set of this pool.
isReferenced	boolean This pool is referenced by an identity group and cannot be deleted.
networkCount	integer <int32> Number of networks associated with this pool.
identityGroupId	string The identity group of this pool.
identityId	string The single identity policy of this pool.
_links >	object (Links)

Responses

- > 200 Registration pool updated
- > 202 The registration pool update request is in progress
- > 400 Invalid id supplied
- > 404 Registration pool not found

PATCH /macRegistrationPools/{id}

Request samples

Payload

Content type
application/json

CopyExpand allCollapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "autoCleanup": true,
  "expirationType": "SPECIFIED_DATE",
  "expirationOffset": 0,
  "expirationDate": "2019-08-24T14:15:22Z",
  "ssidRegex": "string",
  "expirationEnabled": false,
  "registrationCount": 0,
  "defaultAccess": "ACCEPT",
  "createdDate": "2019-08-24T14:15:22Z",
```

```
"policySetId": "string",
"isReferenced": true,
"networkCount": 0,
"identityGroupId": "string",
"identityId": "string",
- "_links": {
+ "property1": { ... },
+ "property2": { ... }
}
}
```

Response samples

200

202

400

404

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "autoCleanup": true,
  "expirationType": "SPECIFIED_DATE",
  "expirationOffset": 0,
  "expirationDate": "2019-08-24T14:15:22Z",
  "ssidRegex": "string",
  "expirationEnabled": false,
  "registrationCount": 0,
  "defaultAccess": "ACCEPT",
  "createdDate": "2019-08-24T14:15:22Z",
  "policySetId": "string",
  "isReferenced": true,
  "networkCount": 0,
  "identityGroupId": "string",
  "identityId": "string",
- "_links": {
+ "property1": { ... },
+ "property2": { ... }
}
}
```

MAC Registration

Search for MAC Registrations with the Specified Criteria

PATH PARAMETERS

poolId
required

string <uuid>

Example: f1ae11f2-1390-47c1-b05e-8377180c2b27

Registration pool id

QUERY PARAMETERS

page

integer >= 0

Default: 0

	Zero-based page index (0..N)
size	integer >= 1 Default: 20 The size of the page to be returned
sort	Array of strings Sorting criteria in the format: property,(asc desc). Default sort order is ascending. Multiple sort criteria are supported.
REQUEST BODY SCHEMA: application/json ▼	
required	
searchCriteriaList >	Array of objects (SearchCriteria)
dataOption	string

Responses

> 200 Registrations

POST /macRegistrationPools/{poolId}/registrations/query

Request samples

Payload

Content type

application/json

CopyExpand allCollapse all

```
{
  - "searchCriteriaList": [
    + { ... }
  ],
  "dataOption": "ALL"
}
```

Response samples

200

Content type

application/json

CopyExpand allCollapse all

```
{
  "totalPages": 0,
  "totalElements": 0,
  "size": 0,
  - "content": [
    + { ... }
  ],
  "number": 0,
  - "sort": {
    "empty": true,
    "sorted": true,
    "unsorted": true
  }
}
```

```
    },
    "numberOfElements": 0,
    - "pageable": {
      "offset": 0,
      + "sort": { ... },
      "pageSize": 0,
      "pageNumber": 0,
      "unpaged": true,
      "paged": true
    },
    "first": true,
    "last": true,
    "empty": true
  }
}
```

Import MAC Registrations with the Specified Registration Pool

PATH PARAMETERS

 poolId	string <uuid>
required	Example: f1ae11f2-1390-47c1-b05e-8377180c2b27
	Registration pool id

REQUEST BODY SCHEMA: multipart/form-data

 file	string <binary>
required	

Responses

> **201** Registration pools created

> **202** The registration import request is in progress

> **400** Invalid content supplied

> **413** Payload too large

> **419** Exceed max registrations of the pool

POST /macRegistrationPools/{poolId}/registrations/csvFile

Response samples

201

202

400

413

419

Content type
application/json

Copy Expand all Collapse all

```
[
  - {
    "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
    "expirationDate": "2019-08-24T14:15:22Z",
    "revoked": true,
    "macAddress": "string",
    "username": "string",
    "email": "dev@commscope.com",
    "location": "string",
```

```
    "deviceName": "string",
    "createdDate": "2019-08-24T14:15:22Z",
    "isReferenced": true,
  + "_links": { ... }
}
```

MAC Registrations in the Specified Registration Pool

PATH PARAMETERS

 poolId **required** string <uuid>
Example: f1ae11f2-1390-47c1-b05e-8377180c2b27
Registration pool id

QUERY PARAMETERS

 page integer  **>= 0**
Default: 0
Zero-based page index (0..N)

 size integer  **>= 1**
Default: 20
The size of the page to be returned

 sort Array of strings
Sorting criteria in the format: property,(asc|desc). Default sort order is ascending. Multiple sort criteria are supported.

Responses

> 200 Registrations

GET /macRegistrationPools/{poolId}/registrations

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "totalPages": 0,
  "totalElements": 0,
  "size": 0,
  - "content": [
    + { ... }
  ],
  "number": 0,
  - "sort": {
    "empty": true,
    "sorted": true,
    "unsorted": true
  },
  "numberOfElements": 0,
  - "pageable": {
    "offset": 0,
    + "sort": { ... },
```

```
    "pageSize": 0,
    "pageNumber": 0,
    "unpaged": true,
    "paged": true
  },
  "first": true,
  "last": true,
  "empty": true
}
```

Create a MAC Registration in the Specified Registration Pool

PATH PARAMETERS

poolId required	string <uuid> Example: f1ae11f2-1390-47c1-b05e-8377180c2b27 Registration pool id
---------------------------------------	---

REQUEST BODY SCHEMA: application/json

required

id	string <uuid> The unique identifier for this MAC registration.
expirationDate	string <date-time> Indicates when this registration expires. Will derive from the pool setting if not specified.
revoked required	boolean If this MAC registration is revoked or not.
macAddress required	string ^([0-9A-F]{2}:){5}([0-9A-F]{2})\$ The mac address for this registration. Must be provided on post, and may not be changed.
username	string [0 .. 255] characters A username for this device, it does not reflect an authenticated user that has gone through a real authentication process.
email	string [0 .. 255] characters ^(?:[\\w!#\$%&'*/+=?`{ }~^-]+(?:\\.[\\w!#\$%&'*/+=... Show pattern The email to associate with this device.
location	string [0 .. 255] characters The location of this device.
deviceName	string [0 .. 255] characters Device name
createdDate	string <date-time> The created date of this device.
isReferenced	boolean This registration is referenced by an identity and cannot be deleted.
_links >	object (Links)

Responses

> **201** Registration pool created

> **202** The registration create request is in progress

> **400** Invalid content supplied

> **419** Exceed max registrations of the pool

POST /macRegistrationPools/{poolId}/registrations

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "expirationDate": "2019-08-24T14:15:22Z",
  "revoked": true,
  "macAddress": "string",
  "username": "string",
  "email": "dev@commscope.com",
  "location": "string",
  "deviceName": "string",
  "createdDate": "2019-08-24T14:15:22Z",
  "isReferenced": true,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

201

202

400

419

Content type
application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "expirationDate": "2019-08-24T14:15:22Z",
  "revoked": true,
  "macAddress": "string",
  "username": "string",
  "email": "dev@commscope.com",
  "location": "string",
  "deviceName": "string",
  "createdDate": "2019-08-24T14:15:22Z",
  "isReferenced": true,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Delete the Specific MAC Registrations

PATH PARAMETERS

poolId

string <uuid>

required

Example: f1ae11f2-1390-47c1-b05e-8377180c2b27

Registration pool id

REQUEST BODY SCHEMA: application/json

required

Array [
 string <uuid>
]

Responses

— 200 Registration deleted

> 202 The registration bulk delete request is in progress

> 400 Invalid ids supplied

DELETE /macRegistrationPools/{poolId}/registrations

Request samples

Payload

Content type

application/json

Copy

```
[  
  "497f6eca-6276-4993-bfeb-53cbbbba6f08"  
]
```

Response samples

202

400

Content type

application/vnd.ruckus.v1.1+json

Copy

```
{  
  "requestId": "string",  
  "id": "string"  
}
```

Returns the Specific MAC Registration

PATH PARAMETERS

id
required

string <uuid>

Example: 28529868-9db0-4361-ba20-4d35fb402bc2

MAC registration id

poolId
required

string <uuid>

Example: f1ae11f2-1390-47c1-b05e-8377180c2b27

Registration pool id

Responses

- > 200 MAC registration
- > 400 Invalid id supplied
- > 404 MAC registration not found

GET /macRegistrationPools/{poolId}/registrations/{id}

Response samples

- 200
- 400
- 404

Content type
application/json

Copy Expand all Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "expirationDate": "2019-08-24T14:15:22Z",
  "revoked": true,
  "macAddress": "string",
  "username": "string",
  "email": "dev@commscope.com",
  "location": "string",
  "deviceName": "string",
  "createdDate": "2019-08-24T14:15:22Z",
  "isReferenced": true,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Delete the Specific MAC Registration

PATH PARAMETERS	
id required	string <uuid> Example: f1ae11f2-1390-47c1-b05e-8377180c2b27 MAC registration id
poolId required	string <uuid> Example: f1ae11f2-1390-47c1-b05e-8377180c2b27 Registration pool id

Responses

- > 200 Registration deleted
- > 202 The registration delete request is in progress
- > 400 Invalid id supplied
- > 404 MAC registration not found

> **409** The Registration associated with other resources is not allowed to be deleted

DELETE /macRegistrationPools/{poolId}/registrations/{id}

Response samples

200

Content type
application/json

Content type
application/json

Copy

Expand all

[Collapse all](#)

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "expirationDate": "2019-08-24T14:15:22Z",
  "revoked": true,
  "macAddress": "string",
  "username": "string",
  "email": "dev@commscope.com",
  "location": "string",
  "deviceName": "string",
  "createdDate": "2019-08-24T14:15:22Z",
  "isReferenced": true,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Update Properties in the Specific MAC Registration

PATH PARAMETERS

```
id
required
```

```
string <uuid>
```

Example: f1ae11f2-1390-47c1-b05e-8377180c2b27

MAC registration id

poolId
required

```
string <uuid>
```

Example: f1ae11f2-1390-47c1-b05e-8377180c2b27

Registration pool id

REQUEST BODY SCHEMA: application/json ▼

required

id

```
string <uuid>
```

The unique identifier for this MAC registration.

expirationDate

```
string <date-time>
```

Indicates when this registration expires. Will derive from the pool setting if not specified.

revoked
required

boolean

If this MAC registration is revoked or not.

macAddress
required

```
string ^([0-9A-F]{2}:){5}([0-9A-F]{2})$
```

The mac address for this registration. Must be provided on post, and may not be changed.

username

string [0 .. 255] characters

A username for this device, it does not reflect an authenticated user that has gone through a real authentication process.

email

string `[ 0 .. 255 ]` characters `^(?:[\\w!#$%&'*/+=?`{|}~^-]+(?:?:\\. [\\w!#$%&'*/+=. . .` Show pattern

The email to associate with this device.

location	string [0 .. 255] characters The location of this device.
deviceName	string [0 .. 255] characters Device name
createdDate	string <date-time> The created date of this device.
isReferenced	boolean This registration is referenced by an identity and cannot be deleted.
_links >	object (Links)

Responses

- > 200 MAC registration updated
- > 202 The registration update request is in progress
- > 400 Invalid id or content supplied
- > 404 MAC registration not found

PATCH

/macRegistrationPools/{poolId}/registrations/{id}

Request samples

Payload

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "expirationDate": "2019-08-24T14:15:22Z",
  "revoked": true,
  "macAddress": "string",
  "username": "string",
  "email": "dev@commscope.com",
  "location": "string",
  "deviceName": "string",
  "createdDate": "2019-08-24T14:15:22Z",
  "isReferenced": true,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Response samples

200

202

400

404

Content type

application/json

Copy

Expand all

Collapse all

```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "expirationDate": "2019-08-24T14:15:22Z",
  "revoked": true,
  "macAddress": "string",
  "username": "string",
  "email": "dev@commscope.com",
  "location": "string",
  "deviceName": "string",
  "createdDate": "2019-08-24T14:15:22Z",
  "isReferenced": true,
  "_links": {
    + "property1": { ... },
    + "property2": { ... }
  }
}
```

Assign Identity Group

Create a Registration Pool with Identity Group

PATH PARAMETERS

 identityGroupId string
required The identity group to create

REQUEST BODY SCHEMA: application/json 
required

 id string <uuid>
The unique identifier for this pool.

 name string [0 .. 255] characters
required The unique reference name of the pool.

 description string [0 .. 255] characters
A description of the pool.

 autoCleanup boolean
Default: true
A toggle determining whether MAC registrations that are 24 hours past the expiration time will be automatically removed from the pool.

 expirationType string
Enum: "SPECIFIED_DATE" "MINUTES_AFTER_TIME" "HOURS_AFTER_TIME" "DAYS_AFTER_TIME" "WEEKS_AFTER_TIME" "MONTHS_AFTER_TIME" "QUARTERS_AFTER_TIME" "YEARS_AFTER_TIME" "END_OF_HOUR" "END_OF_DAY" "END_OF_WEEK" "END_OF_MONTH" "END_OF_QUARTER" "END_OF_HALF" "END_OF_YEAR"
Defines the rule for expiration date calculation.

 expirationOffset integer <int32>
If the expiration type is not specified_date then this field is the offset amount.

 expirationDate string <date-time>
If the expiration type is specified_date then this field is the related date.

 ssidRegex string [0 .. 255] characters
A regex to determine which SSIDs this registration pool will allows access to.

 expirationEnabled boolean
Default: false
If the expiration setting is enabled for new MAC registration.

 registrationCount integer <int32>

	Number of registrations in the pool.
defaultAccess	string Default: "ACCEPT" Enum: "ACCEPT" "REJECT" The type of default access.
createdDate	string <date-time> The created date of this pool.
policySetId	string The policy set of this pool.
isReferenced	boolean This pool is referenced by an identity group and cannot be deleted.
networkCount	integer <int32> Number of networks associated with this pool.
identityGroupId	string The identity group of this pool.
identityId	string The single identity policy of this pool.
_links >	object (Links)

Responses

- > 202 The registration pool create request is in progress
- > 400 Invalid pool content

POST /identityGroups/{identityGroupId}/macRegistrationPools

Request samples

Payload

Content type

application/json

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```
{
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",
  "name": "string",
  "description": "string",
  "autoCleanup": true,
  "expirationType": "SPECIFIED_DATE",
  "expirationOffset": 0,
  "expirationDate": "2019-08-24T14:15:22Z",
  "ssidRegex": "string",
  "expirationEnabled": false,
  "registrationCount": 0,
  "defaultAccess": "ACCEPT",
  "createdDate": "2019-08-24T14:15:22Z",
  "policySetId": "string",
  "isReferenced": true,
  "networkCount": 0,
  "identityGroupId": "string",
  "identityId": "string",
  "_links": {}
}
```

```
- "_links": {  
  + "property1": { ... },  
  + "property2": { ... }  
}  
}
```

Response samples

202

400

Content type

application/json

Copy

```
{  
  "requestId": "string",  
  "id": "string"  
}
```

Wifi Network

Get MAC Registration Pools by Network

PATH PARAMETERS

networkId
required string
Wifi network id

QUERY PARAMETERS

pageable >
required object (Pageable)
parameters for paging

Responses

> 200 Registration pools

> 404 Registration pool not found

GET /wifiNetworks/{networkId}/macRegistrationPools

Response samples

200

404

Content type

application/json

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```
{  
  "id": "497f6eca-6276-4993-bfeb-53cbbbba6f08",  
  "name": "string",  
  "description": "string",  
  "autoCleanup": true,  
  "expirationType": "SPECIFIED_DATE",  
  "expirationOffset": 0,  
  "expirationDate": "2019-08-24T14:15:22Z",  
  "ssidRegex": "string",  
}
```

```
"expirationEnabled": false,
"registrationCount": 0,
"defaultAccess": "ACCEPT",
"createdDate": "2019-08-24T14:15:22Z",
"policySetId": "string",
"isReferenced": true,
"networkCount": 0,
"identityGroupId": "string",
"identityId": "string",
- "_links": {
  + "property1": { ... },
  + "property2": { ... }
}
}
```