

MAC Registration API (0.0.1)

Registration Pool

Update Policy Set for a Registration Pool

PATH PARAMETERS

id	string <uuid> Registration pool id
policySetId	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

202

404

Content type
application/json

Copy

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

Delete Policy Set from a Registration Pool

PATH PARAMETERS

id	string <uuid> Registration pool id
policySetId	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

202

404

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

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
}
```

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: <code>true</code> A toggle determining whether MAC registrations that are 24 hours past the expiration time will be automatically removed from the pool.
expirationType	string Enum: <code>"SPECIFIED_DATE"</code> <code>"MINUTES_AFTER_TIME"</code> <code>"HOURS_AFTER_TIME"</code> <code>"DAYS_AFTER_TIME"</code> <code>"WEEKS_AFTER_TIME"</code> <code>"MONTHS_AFTER_TIME"</code> <code>"QUARTERS_AFTER_TIME"</code> <code>"YEARS_AFTER_TIME"</code> <code>"END_OF_HOUR"</code> <code>"END_OF_DAY"</code> <code>"END_OF_WEEK"</code> <code>"END_OF_MONTH"</code> <code>"END_OF_QUARTER"</code> <code>"END_OF_HALF"</code> <code>"END_OF_YEAR"</code> 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 <code>[0 .. 255] characters</code> A regex to determine which SSIDs this registration pool will allows access to.
expirationEnabled	boolean Default: <code>false</code> If the expiration setting is enabled for new MAC registration.
registrationCount	integer <int32> Number of registrations in the pool.
defaultAccess	string Default: <code>"ACCEPT"</code> Enum: <code>"ACCEPT"</code> <code>"REJECT"</code> 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

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": { ... }
  }
}
```

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** required string <uuid>
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
}
```

```
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

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": { ... }
  }
}
```

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

POST /macregistrations/pools/{poolId}/registrations/query

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

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

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
}
```

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
required

string <binary>

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
→ createDate	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
required

string <uuid>

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

202

400

404

409

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	string <uuid> required Example: f1ae11f2-1390-47c1-b05e-8377180c2b27 MAC registration id
poolId	string <uuid> required 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	boolean required If this MAC registration is revoked or not.
macAddress	string ^([0-9A-F]{2}:){5}([0-9A-F]{2})\$ required 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 <code>^(?:[\w!#\$%&'*/+=?`{}~^-.]+(?:\.[\w!#\$%&'*/+=. .</code> 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
required string
The identity group to create

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

- > 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": {
    + "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 string
required Wifi network id

QUERY PARAMETERS

→ pageable > object (Pageable)
required 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": { ... }
  }
}
```