Mac Manager

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Chapter 1. Overview

To manager mac address

1.1. Version information

Version : version

1.2. Contact information

Contact : contact

1.3. License information

License : license
License URL : licenseUrl
Terms of service : termsOfServiceUrl

1.4. URI scheme

Host : localhost:8080
BasePath : /

1.5. Tags

- basic-error-controller : Basic Error Controller

- mac-controller : Mac Controller

- operation-handler : Operation Handler

- web-mvc-links-handler : Web Mvc Links Handler

Chapter 2. Chapter of manual content 1

This is some dummy text

2.1. Sub chapter

Dummy text of sub chapter

Chapter 3. Chapter of manual content 2

This is some dummy text

Chapter 4. Resources

4.1. Basic-error-controller

Basic Error Controller

4.1.1. errorHtml

```
POST /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `text/html`

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
{
  "empty" : true,
  "model" : "object",
  "modelMap" : {
    "string" : "object"
  },
  "reference" : true,
  "status" : "string",
  "view" : {
    "contentType" : "string"
  },
  "viewName" : "string"
}
```

4.1.2. errorHtml

```
GET /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `text/html`

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
{
  "empty" : true,
  "model" : "object",
  "modelMap" : {
    "string" : "object"
  },
  "reference" : true,
  "status" : "string",
  "view" : {
    "contentType" : "string"
  },
  "viewName" : "string"
}
```

4.1.3. errorHtml

```
PUT /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `text/html`

Example HTTP request

Request path

```
/error
```

Example HTTP response

```
{
  "empty" : true,
  "model" : "object",
  "modelMap" : {
    "string" : "object"
  },
  "reference" : true,
  "status" : "string",
  "view" : {
    "contentType" : "string"
  },
  "viewName" : "string"
}
```

4.1.4. errorHtml

```
DELETE /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- application/json

Produces

- text/html

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
{
  "empty" : true,
  "model" : "object",
  "modelMap" : {
    "string" : "object"
  },
  "reference" : true,
  "status" : "string",
  "view" : {
    "contentType" : "string"
  },
  "viewName" : "string"
}
```

4.1.5. errorHtml

```
PATCH /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `text/html`

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
{
  "empty" : true,
  "model" : "object",
  "modelMap" : {
    "string" : "object"
  },
  "reference" : true,
  "status" : "string",
  "view" : {
    "contentType" : "string"
  },
  "viewName" : "string"
}
```

4.1.6. errorHtml

```
HEAD /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `text/html`

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
{
  "empty" : true,
  "model" : "object",
  "modelMap" : {
    "string" : "object"
  },
  "reference" : true,
  "status" : "string",
  "view" : {
    "contentType" : "string"
  },
  "viewName" : "string"
}
```

4.1.7. errorHtml

```
OPTIONS /error
```

Responses

HTTP Code	Description	Schema
200	OK	ModelAndView
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `text/html`

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```json
{
  "empty" : true,
  "model" : "object",
  "modelMap" : {
    "string" : "object"
  },
  "reference" : true,
  "status" : "string",
  "view" : {
    "contentType" : "string"
  },
  "viewName" : "string"
}
```

4.2. Mac-controller

Mac Controller

4.2.1. createMacState

```
POST /macs
```

Parameters

Type	Name	Description	Schema
Body	**resource** *required*	resource	MacStateJson

Responses

HTTP Code	Description	Schema
201	Created	MacStateJson
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/macs
```

Request body

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

Example HTTP response

Response 201

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

4.2.2. createMacRange

```
POST /macs/ranges
```

Parameters

Type	Name	Description	Schema
Body	**resource** *required*	resource	MacRangeJson

Responses

HTTP Code	Description	Schema
201	Created	MacRangeJson
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/macs/ranges
```

Request body

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

Example HTTP response

Response 201

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

4.2.3. getAllMacRanges

```
GET /macs/ranges
```

Responses

HTTP Code	Description	Schema
200	OK	< string, MacRange > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/macs/ranges
```

Example HTTP response

Response 200

```
"object"
```

4.2.4. getMacRangeByMacRangeId

```
GET /macs/ranges/{rangeid}
```

Parameters

Type	Name	Description	Schema
Path	**rangeid** *required*	rangeid	string

Responses

HTTP Code	Description	Schema
200	OK	[MacRangeJson](#)
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/macs/ranges/string
```

Example HTTP response

Response 200

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

4.2.5. updateMacRange

```
PUT /macs/ranges/{rangeid}
```

Parameters

Type	Name	Description	Schema
Path	**rangeid** *required*	rangeid	string

Type	Name	Description	Schema
Body	**resource** *required*	resource	MacRangeJson

Responses

HTTP Code	Description	Schema
200	OK	MacRangeJson
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/macs/ranges/string
```

Request body

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

Example HTTP response

Response 200

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

4.2.6. deleteMacRange

```
DELETE /macs/ranges/{rangeid}
```

Parameters

Type	Name	Description	Schema
Path	**rangeid** *required*	rangeid	string

Responses

HTTP Code	Description	Schema
200	OK	ResponseId
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/macs/ranges/string
```

Example HTTP response

```
{
  "id" : "string"
}
```

4.2.7. getMacStateByMacAddress

```
GET /macs/{macaddress}
```

Parameters

Type	Name	Description	Schema
Path	**macaddress** *required*	macaddress	string

Responses

HTTP Code	Description	Schema
200	OK	MacStateJson
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/macs/string
```

Example HTTP response

Response 200

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

4.2.8. updateMacState

```
PUT /macs/{macaddress}
```

Parameters

Type	Name	Description	Schema
Path	**macaddress** *required*	macaddress	string
Body	**resource** *required*	resource	MacStateJson

Responses

HTTP Code	Description	Schema
200	OK	MacStateJson
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/macs/string
```

Request body

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

Example HTTP response

Response 200

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

4.2.9. deleteMacAllocation

```
DELETE /macs/{macaddress}
```

Parameters

Type	Name	Description	Schema
Path	**macaddress** *required*	macaddress	string

Responses

HTTP Code	Description	Schema
200	OK	ResponseId
204	No Content	No Content

HTTP Code	Description	Schema
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/macs/string
```

Example HTTP response

Response 200

```
{
  "id" : "string"
}
```

4.2.10. createMacState

```
POST /v4/macs
```

Parameters

Type	Name	Description	Schema
Body	**resource** *required*	resource	MacStateJson

Responses

HTTP Code	Description	Schema
201	Created	MacStateJson
401	Unauthorized	No Content
403	Forbidden	No Content

HTTP Code	Description	Schema
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/v4/macs
```

Request body

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

Example HTTP response

Response 201

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

4.2.11. createMacRange

```
POST /v4/macs/ranges
```

Parameters

Type	Name	Description	Schema
Body	**resource** *required*	resource	MacRangeJson

Responses

HTTP Code	Description	Schema
201	Created	MacRangeJson
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/v4/macs/ranges
```

Request body

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

Example HTTP response

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

4.2.12. getAllMacRanges

```
GET /v4/macs/ranges
```

Responses

HTTP Code	Description	Schema
200	OK	< string, MacRange > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/v4/macs/ranges
```

Example HTTP response

Response 200

```
"object"
```

4.2.13. getMacRangeByMacRangeId

```
GET /v4/macs/ranges/{rangeid}
```

Parameters

Type	Name	Description	Schema
Path	**rangeid** *required*	rangeid	string

Responses

HTTP Code	Description	Schema
200	OK	MacRangeJson
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/v4/macs/ranges/string
```

Example HTTP response

Response 200

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

4.2.14. updateMacRange

```
PUT /v4/macs/ranges/{rangeid}
```

Parameters

Type	Name	Description	Schema
Path	**rangeid** *required*	rangeid	string
Body	**resource** *required*	resource	MacRangeJson

Responses

HTTP Code	Description	Schema
200	OK	MacRangeJson
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/v4/macs/ranges/string
```

Request body

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

Example HTTP response

Response 200

```
{
  "macRange" : {
    "from" : "string",
    "range_id" : "string",
    "state" : "string",
    "to" : "string"
  }
}
```

4.2.15. deleteMacRange

```
DELETE /v4/macs/ranges/{rangeid}
```

Parameters

Type	Name	Description	Schema
Path	**rangeid** *required*	rangeid	string

Responses

HTTP Code	Description	Schema
200	OK	ResponseId
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

Example HTTP request

Request path

```
/v4/macs/ranges/string
```

Example HTTP response

Response 200

```
{
  "id" : "string"
}
```

4.2.16. getMacStateByMacAddress

```
GET /v4/macs/{macaddress}
```

Parameters

Type	Name	Description	Schema
Path	**macaddress** *required*	macaddress	string

Responses

HTTP Code	Description	Schema
200	OK	MacStateJson
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/v4/macs/string
```

Example HTTP response

Response 200

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

4.2.17. updateMacState

```
PUT /v4/macs/{macaddress}
```

Parameters

Type	Name	Description	Schema
Path	**macaddress** *required*	macaddress	string
Body	**resource** *required*	resource	MacStateJson

Responses

HTTP Code	Description	Schema
200	OK	MacStateJson
201	Created	No Content
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/v4/macs/string
```

Request body

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

Example HTTP response

Response 200

```
{
  "macState" : {
    "active" : "string",
    "mac_address" : "string",
    "port_id" : "string",
    "project_id" : "string",
    "vpc_id" : "string"
  }
}
```

4.2.18. deleteMacAllocation

```
DELETE /v4/macs/{macaddress}
```

Parameters

Type	Name	Description	Schema
Path	**macaddress** *required*	macaddress	string

Responses

HTTP Code	Description	Schema
200	OK	ResponseId
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/v4/macs/string
```

Example HTTP response

Response 200

```
{
  "id" : "string"
}
```

4.3. Operation-handler

Operation Handler

4.3.1. handle

```
GET /actuator/health
```

Parameters

Type	Name	Description	Schema
Body	**body** *optional*	body	< string, string > map

Responses

HTTP Code	Description	Schema
200	OK	object
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- application/vnd.spring-boot.actuator.v3+json
- application/json
- application/vnd.spring-boot.actuator.v2+json

Example HTTP request

Request path

```
/actuator/health
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

4.3.2. handle

```
GET /actuator/health/**
```

Parameters

Type	Name	Description	Schema
Body	**body** *optional*	body	< string, string > map

Responses

HTTP Code	Description	Schema
200	OK	object
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- application/json

Produces

- application/vnd.spring-boot.actuator.v3+json
- application/json
- application/vnd.spring-boot.actuator.v2+json

Example HTTP request

Request path

```
/actuator/health/**
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

4.3.3. handle

```
GET /actuator/info
```

Parameters

Type	Name	Description	Schema
Body	**body** *optional*	body	< string, string > map

Responses

HTTP Code	Description	Schema
200	OK	object
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/vnd.spring-boot.actuator.v3+json`
- `application/json`
- `application/vnd.spring-boot.actuator.v2+json`

Example HTTP request

Request path

```
/actuator/info
```

Request body

```
{ }
```

Example HTTP response

Response 200

```
"object"
```

4.4. Web-mvc-links-handler

Web Mvc Links Handler

4.4.1. links

```
GET /actuator
```

Responses

HTTP Code	Description	Schema
200	OK	< string, < string, Link > map > map
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `application/vnd.spring-boot.actuator.v3+json`
- `application/json`
- `application/vnd.spring-boot.actuator.v2+json`

Example HTTP request

Request path

```
/actuator
```

Example HTTP response

Response 200

```
"object"
```

Chapter 5. Definitions

5.1. Link

Name	Description	Schema
href *optional*	**Example** : `"string"`	string
templated *optional*	**Example** : `true`	boolean

5.2. MacRange

Name	Description	Schema
from *optional*	**Example** : `"string"`	string
range_id *optional*	**Example** : `"string"`	string
state *optional*	**Example** : `"string"`	string
to *optional*	**Example** : `"string"`	string

5.3. MacRangeJson

Name	Description	Schema
macRange *optional*	**Example** : `"MacRange"`	MacRange

5.4. MacState

Name	Description	Schema
active *optional*	**Example** : `"string"`	string
mac_address *optional*	**Example** : `"string"`	string
port_id *optional*	**Example** : `"string"`	string
project_id *optional*	**Example** : `"string"`	string
vpc_id *optional*	**Example** : `"string"`	string

5.5. MacStateJson

Name	Description	Schema
macState *optional*	**Example** : "MacState"	MacState

5.6. Map«string,Link»

Type : < string, Link > map

5.7. ModelAndView

Name	Description	Schema
empty *optional*	**Example** : true	boolean
model *optional*	**Example** : "object"	object
modelMap *optional*	**Example** : { "string" : "object" }	< string, object > map
reference *optional*	**Example** : true	boolean

Name	Description	Schema
status *optional*	**Example** : `"string"`	enum (100 CONTINUE, 101 SWITCHING_PROTOCOLS, 102 PROCESSING, 103 CHECKPOINT, 200 OK, 201 CREATED, 202 ACCEPTED, 203 NON_AUTHORITATIVE_INFORMATION, 204 NO_CONTENT, 205 RESET_CONTENT, 206 PARTIAL_CONTENT, 207 MULTI_STATUS, 208 ALREADY_REPORTED, 226 IM_USED, 300 MULTIPLE_CHOICES, 301 MOVED_PERMANENTLY, 302 FOUND, 302 MOVED_TEMPORARILY, 303 SEE_OTHER, 304 NOT_MODIFIED, 305 USE_PROXY, 307 TEMPORARY_REDIRECT, 308 PERMANENT_REDIRECT, 400 BAD_REQUEST, 401 UNAUTHORIZED, 402 PAYMENT_REQUIRED, 403 FORBIDDEN, 404 NOT_FOUND, 405 METHOD_NOT_ALLOWED, 406 NOT_ACCEPTABLE, 407 PROXY_AUTHENTICATION_REQUIRED, 408 REQUEST_TIMEOUT, 409 CONFLICT, 410 GONE, 411 LENGTH_REQUIRED, 412 PRECONDITION_FAILED, 413 PAYLOAD_TOO_LAR

Name	Description	Schema
view *optional*	**Example** : `"View"`	View
viewName *optional*	**Example** : `"string"`	string

5.8. ResponseId

Name	Description	Schema
id *optional*	**Example** : `"string"`	string

5.9. View

Name	Description	Schema
contentType *optional*	**Example** : `"string"`	string