

Private IP Manager

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Chapter 1. Overview

To manager Private IP 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:9000

BasePath : /

1.5. Tags

- basic-error-controller : Basic Error Controller
- ip-addr-controller : Ip Addr 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. error

POST /error

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
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

/error

Example HTTP response

Response 200

"object"

4.1.2. error

GET /error

Responses

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

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

/error

Example HTTP response

Response 200

"object"

4.1.3. error

PUT /error

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
201	Created	No Content

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

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
"object"
```

4.1.4. error

```
DELETE /error
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- /

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
"object"
```

4.1.5. error

```
PATCH /error
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- application/json

Produces

- /

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
"object"
```

4.1.6. error

```
HEAD /error
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
"object"
```

4.1.7. error

```
OPTIONS /error
```

Responses

HTTP Code	Description	Schema
200	OK	< string, object > map
204	No Content	No Content
401	Unauthorized	No Content
403	Forbidden	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/error
```

Example HTTP response

Response 200

```
"object"
```

4.2. Ip-addr-controller

Ip Addr Controller

4.2.1. allocateIpAddr

```
POST /ips
```

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	IpAddrRequest

Responses

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

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/ips
```

Request body

```
{
  "ip" : "string",
  "ip_version" : 0,
  "range_id" : "string",
  "state" : "string"
}
```

Example HTTP response

Response 201

```
{
  "ip" : "string",
  "ip_version" : 0,
  "range_id" : "string",
  "state" : "string"
}
```

4.2.2. modifyIpAddrState

PUT /ips

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	IpAddrRequest

Responses

HTTP Code	Description	Schema
200	OK	IpAddrRequest
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

/ips

Request body

```
{
  "ip" : "string",
  "ip_version" : 0,
  "range_id" : "string",
  "state" : "string"
}
```

Example HTTP response

Response 200

```
{
  "ip" : "string",
  "ip_version" : 0,
  "range_id" : "string",
  "state" : "string"
}
```

4.2.3. allocateIpAddrBulk

POST /ips/bulk

Parameters

Type	Name	Description	Schema
Body	requestBulk <i>required</i>	requestBulk	IpAddrRequestBulk

Responses

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

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

/ips/bulk

Request body

```
{
  "ip_requests" : [ {
    "ip" : "string",
    "ip_version" : 0,
    "range_id" : "string",
    "state" : "string"
  } ]
}
```

Example HTTP response

Response 201

```
{
  "ip_requests" : [ {
    "ip" : "string",
    "ip_version" : 0,
    "range_id" : "string",
    "state" : "string"
  } ]
}
```

4.2.4. modifyIpAddrStateBulk

PUT /ips/bulk

Parameters

Type	Name	Description	Schema
Body	requestBulk <i>required</i>	requestBulk	IpAddrRequestBulk

Responses

HTTP Code	Description	Schema
200	OK	IpAddrRequestBulk
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

```
/ips/bulk
```

Request body

```
{
  "ip_requests" : [ {
    "ip" : "string",
    "ip_version" : 0,
    "range_id" : "string",
    "state" : "string"
  } ]
}
```

Example HTTP response

Response 200

```
{
  "ip_requests" : [ {
    "ip" : "string",
    "ip_version" : 0,
    "range_id" : "string",
    "state" : "string"
  } ]
}
```

4.2.5. releaseIpAddrBulk

```
DELETE /ips/bulk
```

Parameters

Type	Name	Description	Schema
Body	requestBulk <i>required</i>	requestBulk	IpAddrRequestBulk

Responses

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

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/ips/bulk
```

Request body

```
{
  "ip_requests" : [ {
    "ip" : "string",
    "ip_version" : 0,
    "range_id" : "string",
    "state" : "string"
  } ]
}
```

Example HTTP response

Response 200

```
{
  "ip_requests" : [ {
    "ip" : "string",
    "ip_version" : 0,
    "range_id" : "string",
    "state" : "string"
  } ]
}
```

4.2.6. createIpAddrRange

POST /ips/range

Parameters

Type	Name	Description	Schema
Body	request <i>required</i>	request	IpAddrRangeRequest

Responses

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

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

/ips/range

Request body

```
{
  "first_ip" : "string",
  "id" : "string",
  "ip_version" : 0,
  "last_ip" : "string",
  "subnet_id" : "string",
  "total_ips" : 0,
  "used_ips" : 0
}
```

Example HTTP response

Response 201

```
{
  "first_ip" : "string",
  "id" : "string",
  "ip_version" : 0,
  "last_ip" : "string",
  "subnet_id" : "string",
  "total_ips" : 0,
  "used_ips" : 0
}
```

4.2.7. listIpAddrRange

GET /ips/range

Responses

HTTP Code	Description	Schema
200	OK	< IpAddrRangeRequest > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- /

Example HTTP request

Request path

```
/ips/range
```

Example HTTP response

Response 200

```
"array"
```

4.2.8. getIpAddrRange

```
GET /ips/range/{range_id}
```

Parameters

Type	Name	Description	Schema
Path	range_id <i>required</i>	range_id	string

Responses

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

Consumes

- `application/json`

Produces

- /

Example HTTP request

Request path

```
/ips/range/string
```

Example HTTP response

Response 200

```
{
  "first_ip" : "string",
  "id" : "string",
  "ip_version" : 0,
  "last_ip" : "string",
  "subnet_id" : "string",
  "total_ips" : 0,
  "used_ips" : 0
}
```

4.2.9. deleteIpAddrRange

```
DELETE /ips/range/{range_id}
```

Parameters

Type	Name	Description	Schema
Path	range_id <i>required</i>	range_id	string

Responses

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

Consumes

- `application/json`

Produces

• /

Example HTTP request

Request path

```
/ips/range/string
```

Example HTTP response

Response 200

```
{
  "first_ip" : "string",
  "id" : "string",
  "ip_version" : 0,
  "last_ip" : "string",
  "subnet_id" : "string",
  "total_ips" : 0,
  "used_ips" : 0
}
```

4.2.10. getIpAddrBulk

```
GET /ips/{ip_version}/{range_id}
```

Parameters

Type	Name	Description	Schema
Path	ip_version <i>required</i>	ip_version	integer(int32)
Path	range_id <i>required</i>	range_id	string

Responses

HTTP Code	Description	Schema
200	OK	< IpAddrRequest > array
401	Unauthorized	No Content
403	Forbidden	No Content
404	Not Found	No Content

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/ips/0/string
```

Example HTTP response

Response 200

```
"array"
```

4.2.11. getIpAddr

```
GET /ips/{ip_version}/{range_id}/{ip}
```

Parameters

Type	Name	Description	Schema
Path	ip <i>required</i>	ip	string
Path	ip_version <i>required</i>	ip_version	integer(int32)
Path	range_id <i>required</i>	range_id	string

Responses

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

Consumes

- `application/json`

Produces

- `/`

Example HTTP request

Request path

```
/ips/0/string/string
```

Example HTTP response

Response 200

```
{
  "ip" : "string",
  "ip_version" : 0,
  "range_id" : "string",
  "state" : "string"
}
```

4.2.12. releaseIpAddr

```
DELETE /ips/{ip_version}/{range_id}/{ip}
```

Parameters

Type	Name	Description	Schema
Path	ip <i>required</i>	ip	string
Path	ip_version <i>required</i>	ip_version	integer(int32)
Path	range_id <i>required</i>	range_id	string

Responses

HTTP Code	Description	Schema
200	OK	IpAddrRequest
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

```
/ips/0/string/string
```

Example HTTP response

Response 200

```
{
  "ip" : "string",
  "ip_version" : 0,
  "range_id" : "string",
  "state" : "string"
}
```

4.3. Operation-handler

Operation Handler

4.3.1. handle

```
GET /actuator/health
```

Parameters

Type	Name	Description	Schema
Body	body <i>optional</i>	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 <i>optional</i>	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 <i>optional</i>	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. IpAddrRangeRequest

Name	Description	Schema
first_ip <i>optional</i>	Example : "string"	string
id <i>optional</i>	Example : "string"	string
ip_version <i>optional</i>	Example : 0	integer(int32)
last_ip <i>optional</i>	Example : "string"	string
subnet_id <i>optional</i>	Example : "string"	string
total_ips <i>optional</i>	Example : 0	integer(int64)
used_ips <i>optional</i>	Example : 0	integer(int64)

5.2. IpAddrRequest

Name	Description	Schema
ip <i>optional</i>	Example : "string"	string
ip_version <i>optional</i>	Example : 0	integer(int32)
range_id <i>optional</i>	Example : "string"	string
state <i>optional</i>	Example : "string"	string

5.3. IpAddrRequestBulk

Name	Description	Schema
ip_requests <i>optional</i>	Example : ["IpAddrRequest"]	< IpAddrRequest > array

5.4. Link

Name	Description	Schema
href <i>optional</i>	Example : "string"	string
templated <i>optional</i>	Example : true	boolean

5.5. Map«string,Link»

Type : < string, [Link](#) > map

5.6. ModelAndView

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

Name	Description	Schema
status <i>optional</i>	Example : "string"	enum (100 CONTINUE, 101 SWITCHING_PROTO COLS, 102 PROCESSING, 103 CHECKPOINT, 200 OK, 201 CREATED, 202 ACCEPTED, 203 NON_AUTHORITY_IN FORMATION, 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_LARGE

Name	Description	Schema
view <i>optional</i>	Example : "View"	View
viewName <i>optional</i>	Example : "string"	string

5.7. View

Name	Description	Schema
contentType <i>optional</i>	Example : "string"	string