IPMI Configuration Service v1.0

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Resource: authentication

Configure IPMI authentication details

http://{device}/api/npm.ipmi/1.0/authentication

JSON

```
{
  "new_password": string
}
```

Property Name	Type	Description	Notes
authentication	*<object>*	Configure IPMI authentication details	
authentication.new_password	*<string>*	New root password to set	Optional;

Links

authentication: get

GET http://{device}/api/npm.ipmi/1.0/authentication

Response Body
   Returns an <u>authentication</u> data object.

authentication: set

PUT http://{device}/api/npm.ipmi/1.0/authentication

Request Body
   Provide an <u>authentication</u> data object.

Response Body
   Returns an <u>authentication</u> data object.

Resource: configuration

Report on or change the configuration of IPMI LAN networking

http://{device}/api/npm.ipmi/1.0/configuration

JSON

```
{
  "enabled": boolean,
  "gateway": string,
  "ipaddr": string,
  "netmask": string,
  "use_dhcp": boolean
}
```

Property Name	Type	Description	Notes
configuration	*<object>*	Report on or change the configuration of IPMI LAN networking	Required properties: [enabled];
configuration.enabled	*<boolean>*	If false, IPMI networking is disabled	
configuration.gateway	*<string>*	Optional IPv4 gateway to configure on the IPMI interface, ignored when using DHCP. Reported as "0.0.0.0" if no gateway is configured, IPMI is disabled, or DHCP is enabled.	Optional;
configuration.ipaddr	*<string>*	IPv4 address to configure on the IPMI interface, ignored when using DHCP Reported as "0.0.0.0" if IPMI is disabled or DHCP is enabled.	Optional;

configuration.netmask	<string>	IPv4 netmask to configure on the IPMI interface, ignored when using DHCP Reported as "0.0.0.0" if IPMI is disabled or DHCP is enabled.	Optional;
configuration.use_dhcp	<boolean>	If true, use DHCP for addressing, otherwise provide static addressing	Optional;

Links

configuration: get

```
GET http://{device}/api/npm.ipmi/1.0/configuration
```

Response Body
　　Returns a [configuration](#) data object.

configuration: set

```
PUT http://{device}/api/npm.ipmi/1.0/configuration
```

Request Body
　　Provide a [configuration](#) data object.

Response Body
　　Returns a [configuration](#) data object.

Resource: state

Reports the current state of IPMI networking, including interface MAC address and current IPv4 details, whether configured statically or via DHCP.

```
http://{device}/api/npm.ipmi/1.0/state
```

JSON

```json
{
  "gateway": string,
  "ipaddr": string,
  "mac": string,
  "netmask": string,
  "use_dhcp": boolean
}
```

Property Name	Type	Description	Notes
state	<object>	Reports the current state of IPMI networking, including interface MAC address and current IPv4 details, whether configured statically or via DHCP.	Required properties: [use_dhcp, ipaddr, netmask, gateway, mac];
state.gateway	<string>	IPv4 gateway configured on the IPMI interface	
state.ipaddr	<string>	IPv4 address configured on the IPMI interface	
state.mac	<string>	MAC address of the IPMI interface	Read-only;
state.netmask	<string>	IPv4 netmask configured on the IPMI interface	
state.use_dhcp	<boolean>	If true, DHCP will be used for addressing	

Links

state: get

```
GET http://{device}/api/npm.ipmi/1.0/state
```

Response Body
　　Returns a [state](#) data object.