

System SNMP configuration module v1.0

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Resource: snmp_configuration

SNMP configuration

<http://{device}/api/npm.snmp/1.0/snmp/config>

JSON

```
{
  "contact": string,
  "description": string,
  "enabled": boolean,
  "location": string,
  "version_configuration": version_configuration
}
```

Property Name	Type	Description	Notes
<i>snmp_configuration</i>	<object>	SNMP configuration	Required properties: [enabled, location, description, contact, version_configuration];
<i>snmp_configuration.contact</i>	<string>	Identifies the primary contact for the appliance	
<i>snmp_configuration.description</i>	<string>	Description of the appliance. This value can include the full name and version identification of the system's hardware type, software operating-system, and networking software	
<i>snmp_configuration.enabled</i>	<boolean>	Enable or disable the SNMP service	
<i>snmp_configuration.location</i>	<string>	Appliance location	
<i>snmp_configuration.version_configuration</i>	<version_configuration>	An SNMP v1, v2 or v3 config	

Links

snmp_configuration: get

GET <http://{device}/api/npm.snmp/1.0/snmp/config>

Response Body

Returns a [snmp_configuration](#) data object.

snmp_configuration: set

PUT <http://{device}/api/npm.snmp/1.0/snmp/config>

Request Body

Provide a [snmp_configuration](#) data object.

Response Body

Returns a [snmp_configuration](#) data object.

Type: snmp_v1_v2_config

Settings for SNMPv1/v2

JSON

```
{
  "community_string": string,
  "version": string,
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>snmp_v1_v2_config</i>	<object>	Settings for SNMPv1/v2	Required properties: [version, community_string];

<i>snmp_v1_v2_config.community_string</i>	<string>	SNMP community string	
<i>snmp_v1_v2_config.version</i>	<string>	SNMP version	Values: V1, V2C;
<i>snmp_v1_v2_config.<prop></i>	<any>		Optional;

Type: snmp_v3_config

Settings for SNMPv3

JSON

```
{
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>snmp_v3_config</i>	<object>	Settings for SNMPv3	
<i>snmp_v3_config.<prop></i>	<any>		Optional;
<i>snmp_v3_config.oneOf[0]</i>	<object>	SNMPv3 settings with no privacy or authentication	Required properties: [version, security_model, username];
<i>snmp_v3_config.oneOf[0].security_model</i>	<string>	Denotes the level of security provided	Values: NoAuthNoPriv;
<i>snmp_v3_config.oneOf[0].username</i>	<string>	If not empty, updates SNMPv3 username; always empty on read	
<i>snmp_v3_config.oneOf[0].version</i>	<string>	SNMP version	Values: V3;
<i>snmp_v3_config.oneOf[0].<prop></i>	<any>		Optional;
<i>snmp_v3_config.oneOf[1]</i>	<object>	SNMPv3 settings with authentication but no privacy	Required properties: [version, security_model, auth_protocol, username];
<i>snmp_v3_config.oneOf[1].auth_protocol</i>	<string>	The protocol used for user authentication	Values: MD5, SHA;
<i>snmp_v3_config.oneOf[1].new_auth_passphrase</i>	<string>	The password used to authenticate the user	Optional;
<i>snmp_v3_config.oneOf[1].security_model</i>	<string>	Denotes the level of security provided	Values: AuthNoPriv;
<i>snmp_v3_config.oneOf[1].username</i>	<string>	SNMPv3 username	
<i>snmp_v3_config.oneOf[1].version</i>	<string>	SNMP version	Values: V3;
<i>snmp_v3_config.oneOf[2]</i>	<object>	SNMPv3 settings with authentication and privacy	Required properties: [version, auth_protocol, privacy_protocol, security_model, username];
<i>snmp_v3_config.oneOf[2].auth_protocol</i>	<string>	The protocol used for user authentication	Values: MD5, SHA;
<i>snmp_v3_config.oneOf[2].new_auth_passphrase</i>	<string>	The password used to authenticate the user	Optional;
<i>snmp_v3_config.oneOf[2].new_privacy_passphrase</i>	<string>	The password used to secure the data transferred	Optional;
<i>snmp_v3_config.oneOf[2].privacy_protocol</i>	<string>	The protocol used for user authentication	Values: DES, AES;
<i>snmp_v3_config.oneOf[2].security_model</i>	<string>	Denotes the level of security provided	Values: AuthPriv;
<i>snmp_v3_config.oneOf[2].username</i>	<string>	SNMPv3 username	
<i>snmp_v3_config.oneOf[2].version</i>	<string>	SNMP version	Values: V3;

Type: version_configuration

An SNMP v1, v2 or v3 config

JSON

```
{
  <prop>: any
}
```

Property Name	Type	Description	Notes
<i>version_configuration</i>	<object>	An SNMP v1, v2 or v3 config	
<i>version_configuration.<prop></i>	<any>		Optional;
<i>version_configuration.oneOf[0]</i>	<snmp_v1_v2_config>	Settings for SNMPv1/v2	
<i>version_configuration.oneOf[1]</i>	<snmp_v3_config>	Settings for SNMPv3	