

Notifications API. v1.0

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Overview

Resources

Notification settings: Get recipient list

Returns a list of all recipients.

```
GET https://{device}/api/mgmt.notification_settings/1.0/recipient
```

Authorization

This request requires authorization.

Response Body

On success, the server returns a response body with the following structure:

JSON

```
[
  {
    "recipient_id": number,
    "recipient_label": string,
    "email_address": string,
    "email_format": number,
    "assigned_groups": string,
    "snmp_des_ip_1": string,
    "snmp_des_port_1": number,
    "snmp_des_ip_2": string,
    "snmp_des_port_2": number,
    "snmp_version": string,
    "snmp_community": string
  }
]
```

Example:

```
[
  {
    "recipient_id": 1,
    "recipient_label": "Default",
    "snmp_community": "*****"
  },
  {
    "recipient_id": 2,
    "recipient_label": "name",
    "email_address": "name@domain",
    "email_format": 1,
    "assigned_groups": "[group_type:group_id]",
    "snmp_des_ip_1": "1.1.1.1",
    "snmp_des_port_1": 1010,
    "snmp_des_ip_2": "2.2.2.2",
    "snmp_des_port_2": 2020,
    "snmp_version": "V1",
    "snmp_community": "*****"
  }
]
```

Property Name	Type	Description	Notes
<i>GetRecipient</i>	<array of <object>>	List of all recipients. if an argument named "uncloak" is passed as true it will show "snmp_community" in text format otherwise it will be cloaked and shown as "*****"	
<i>GetRecipient</i> [item]	<object>		
<i>GetRecipient</i> [item].recipient_id	<number>	Unique if for the recipient, it is passed while using update and delete method also when trying to set notifications.	
<i>GetRecipient</i> [item].recipient_label	<string>	Name of the recipient.	
<i>GetRecipient</i> [item].email_address	<string>	Email address of the recipient.	
<i>GetRecipient</i> [item].email_format	<number>	For PDF it is set to 1 and 2 for HTML	
<i>GetRecipient</i> [item].assigned_groups	<string>	Groups to which this recipient is associated	
<i>GetRecipient</i> [item].snmp_des_ip_1	<string>	IP for SNMP destination 1	

<i>GetRecipient</i> {item}.snmp_des_port_1	<number>	Port for SNMP destination 1	
<i>GetRecipient</i> {item}.snmp_des_ip_2	<string>	IP for SNMP destination 2	
<i>GetRecipient</i> {item}.snmp_des_port_2	<number>	Port for SNMP destination 2	
<i>GetRecipient</i> {item}.snmp_version	<string>	SNMP protocol version V1/V2C/V3	
<i>GetRecipient</i> {item}.snmp_community	<string>	secret key, pass "uncloak" argument to reveal the key	

Notification settings: Add recipient

Adds new recipient.

POST https://{device}/api/mgmt.notification_settings/1.0/recipient

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
{
  "recipient_label": string,
  "email_address": string,
  "email_format": number,
  "assigned_groups": string,
  "snmp_des_ip_1": string,
  "snmp_des_port_1": number,
  "snmp_des_ip_2": string,
  "snmp_des_port_2": number,
  "snmp_version": string,
  "snmp_community": string
}
```

Example:

```
{
  "recipient_label": "lableName",
  "email_address": "address@domain.com",
  "email_format": 1,
  "assigned_groups": "100:3|100:2|100:1",
  "snmp_des_ip_1": "99.99.99.1",
  "snmp_des_port_1": 8085,
  "snmp_des_ip_2": "99.99.99.1",
  "snmp_des_port_2": 8086,
  "snmp_version": "V2C",
  "snmp_community": "hello"
}
```

Property Name	Type	Description	Notes
<i>AddRecipient</i>	<object>	Required fields to add a new recipient	
<i>AddRecipient</i> .recipient_label	<string>	Name of the recipient.	
<i>AddRecipient</i> .email_address	<string>	Email address of the recipient.	
<i>AddRecipient</i> .email_format	<number>	For PDF it is set to 1 and 2 for HTML	
<i>AddRecipient</i> .assigned_groups	<string>	Groups to which this recipient is associated in "group_type1:group_id1 group_type2:group_id2" format	
<i>AddRecipient</i> .snmp_des_ip_1	<string>	IP for SNMP destination 1	
<i>AddRecipient</i> .snmp_des_port_1	<number>	Port for SNMP destination 1	
<i>AddRecipient</i> .snmp_des_ip_2	<string>	IP for SNMP destination 2	
<i>AddRecipient</i> .snmp_des_port_2	<number>	Port for SNMP destination 2	
<i>AddRecipient</i> .snmp_version	<string>	SNMP protocol version V1/V2C/V3	
<i>AddRecipient</i> .snmp_community	<string>	secret key	

Response Body

On success, the server does not provide any body in the responses.

Notification settings: Update existing recipient

Updates an existing recipient with recipient_id passed in the URL.

```
PUT https://{device}/api/mgmt.notification_settings/1.0/recipient/<id>
```

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```
{
  "recipient_label": string,
  "email_address": string,
  "email_format": number,
  "assigned_groups": string,
  "snmp_des_ip_1": string,
  "snmp_des_port_1": number,
  "snmp_des_ip_2": string,
  "snmp_des_port_2": number,
  "snmp_version": string,
  "snmp_community": string
}
```

Example:

```
{
  "recipient_label": "lableName",
  "email_address": "address@domain.com",
  "email_format": 1,
  "assigned_groups": "100:3|100:2|100:1",
  "snmp_des_ip_1": "99.99.99.1",
  "snmp_des_port_1": 8085,
  "snmp_des_ip_2": "99.99.99.1",
  "snmp_des_port_2": 8086,
  "snmp_version": "V2C",
  "snmp_community": "hello"
}
```

Property Name	Type	Description	Notes
<i>UpdateRecipient</i>	<i><object></i>	Required fields to add a new recipient	
<i>UpdateRecipient.recipient_label</i>	<i><string></i>	Name of the recipient.	
<i>UpdateRecipient.email_address</i>	<i><string></i>	Email address of the recipient.	
<i>UpdateRecipient.email_format</i>	<i><number></i>	For PDF it is set to 1 and 2 for HTML	
<i>UpdateRecipient.assigned_groups</i>	<i><string></i>	Groups to which this recipient is associated in "group_type1:group_id1 group_type2:group_id2" format	
<i>UpdateRecipient.snmp_des_ip_1</i>	<i><string></i>	IP for SNMP destination 1	
<i>UpdateRecipient.snmp_des_port_1</i>	<i><number></i>	Port for SNMP destination 1	
<i>UpdateRecipient.snmp_des_ip_2</i>	<i><string></i>	IP for SNMP destination 2	
<i>UpdateRecipient.snmp_des_port_2</i>	<i><number></i>	Port for SNMP destination 2	
<i>UpdateRecipient.snmp_version</i>	<i><string></i>	SNMP protocol version V1/V2C/V3	
<i>UpdateRecipient.snmp_community</i>	<i><string></i>	secret key	

Response Body

On success, the server does not provide any body in the responses.

Notification settings: Delete recipient by id

Deletes an existing recipient with recipient_id passed in the URL.

```
DELETE https://{device}/api/mgmt.notification_settings/1.0/recipient/<id>
```

Authorization

This request requires authorization.

Response Body

On success, the server does not provide any body in the responses.

Notification settings: Delete all recipient

Deletes all recipient except default.

```
DELETE https://{device}/api/mgmt.notification_settings/1.0/recipient
```

Authorization

This request requires authorization.

Response Body

On success, the server does not provide any body in the responses.

Notification settings: Get notifications list

Returns a list of all notifications settings and clear event notifications flag.

```
GET https://{device}/api/mgmt.notification_settings/1.0/notifications
```

Authorization

This request requires authorization.

Response Body

On success, the server returns a response body with the following structure:

JSON

```
{
  "clear_event_notification": string,
  "notifications": [
    {
      "policy_name": string,
      "low": number,
      "medium": number,
      "high": number
    }
  ]
}
```

Example:

```
{
  "clear_event_notification": "false",
  "notifications": [
    {
      "policy_name": "P2P Port Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    },
    {
      "policy_name": "Tunneled Application Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    },
    {
      "policy_name": "Firewall Tunneling Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    },
    {
      "policy_name": "P2P Application Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    },
    {
      "policy_name": "SpamBot Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    }
  ]
}
```

Property Name	Type	Description	Notes
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<i>GetNotifications</i>	<object>	List of all notifications and clear event notifications flag.	
<i>GetNotifications</i> .clear_event_notification	<string>	Value of clear event notification flag	
<i>GetNotifications</i> .notifications	<array of <object>>	List of all notifications	
<i>GetNotifications</i> .notifications[item]	<object>		
<i>GetNotifications</i> .notifications[item].policy_name	<string>	Name of the policy	
<i>GetNotifications</i> .notifications[item].low	<number>	Recipient id for low	
<i>GetNotifications</i> .notifications[item].medium	<number>	Recipient id for medium	
<i>GetNotifications</i> .notifications[item].high	<number>	Recipient id for high	

Notification settings: Set Notifications

Sets the recipients for all policies.

POST https://{device}/api/mgmt.notification_settings/1.0/notifications

Authorization

This request requires authorization.

Request Body

Provide a request body with the following structure:

JSON

```

{
  "clear_event_notification": string,
  "notifications": [
    {
      "policy_name": string,
      "low": number,
      "medium": number,
      "high": number
    }
  ]
}

```

Example:

```

{
  "clear_event_notification": "true",
  "notifications": [
    {
      "policy_name": "P2P Port Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    },
    {
      "policy_name": "Tunneled Application Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    },
    {
      "policy_name": "Firewall Tunneling Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    },
    {
      "policy_name": "P2P Application Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    },
    {
      "policy_name": "SpamBot Activity",
      "low": 1,
      "medium": 1,
      "high": 1
    }
  ]
}

```

Property Name	Type	Description	Notes
<i>SetNotifications</i>	<object>	Required fields to assign recipients to each policy	
<i>SetNotifications</i> .clear_event_notification	<string>	clear event notification flag	
<i>SetNotifications</i> .notifications	<array of <object>>	List of all notifications settings	
<i>SetNotifications</i> .notifications[item]	<object>		
<i>SetNotifications</i> .notifications[item].policy_name	<string>	Name of the policy	
<i>SetNotifications</i> .notifications[item].low	<number>	Recipient id for low	
<i>SetNotifications</i> .notifications[item].medium	<number>	Recipient id for medium	
<i>SetNotifications</i> .notifications[item].high	<number>	Recipient id for high	

Response Body

On success, the server does not provide any body in the responses.

Error Codes

In the event that an error occurs while processing a request, the server will respond with appropriate HTTP status code and additional information in the response body:

```
{
  "error_id": "{error identifier}",
  "error_text": "{error description}",
  "error_info": {error specific data structure, optional}
}
```

The table below lists the possible errors and the associated HTTP status codes that may returned.

Error ID	HTTP Status	Comments
BAD_REQUEST	400	Invalid argument.
AUTH_REQUIRED	401	Authentication required.
AUTH_INVALID_CREDENTIALS	401	Make sure the user name is correct and type your password again. Be sure to use the correct case for the user name and password.
INTERNAL_ERROR	500	Internal error.