

Mist 設定マニュアル - Wired Assurance - スイッチへの IP の設定

ジュニパーネットワークス株式会社
2023年12月 Ver 1.1

JUNIPER 
driven by Mist AI

はじめに

- ❖ 本マニュアルは、『Wired Assurance におけるスイッチへの IP の設定』について説明します
- ❖ 手順内容は 2023年12月 時点の Mist Cloud にて確認を実施しております
実際の画面と表示が異なる場合は以下のアップデート情報をご確認ください
<https://www.mist.com/documentation/category/product-updates/>
- ❖ 設定内容やパラメータは導入する環境や構成によって異なります
各種設定内容の詳細は下記リンクよりご確認ください
<https://www.mist.com/documentation/>
- ❖ 他にも多数の Mist 日本語マニュアルを「ソリューション & テクニカル情報サイト」に掲載しております
<https://www.juniper.net/jp/ja/local/solution-technical-information/mist.html>
- ❖ **本資料の内容は資料作成時点におけるものであり事前の通告無しに内容を変更する場合があります**
また本資料に記載された構成や機能を提供することを条件として購入することはできません

スイッチの IP CONFIGURATION の設定

1. [Switches] を選択し、一覧から設定する [スイッチ] をクリックします

The screenshot shows the Juniper Mist management console interface. The left sidebar contains navigation options: Monitor, Marvis™, Clients, Access Points, Switches (highlighted with a red box), WAN Edges, Mist Edges, Location, Analytics, Site, and Organization. The main content area is titled 'Switches' and shows a 'List' tab selected (highlighted with a red box). Below the tabs, there are summary statistics: 13 Cloud Connected Switches, 3 Discovered Switches, 32 Wired Clients, and 181 W Total Allocated AP Power. A row of performance indicators shows: 69% Switch-AP Affinity, 100% PoE Compliance, 100% VLANs, 62% Version Compliance, 94% Switch Uptime, and 100% Config Success. A search filter is present above a table of switches. The table is highlighted with a red border and contains the following data:

<input type="checkbox"/>	Status	Name	IP Address	Model	Mist APs	Wireless Clients	Wired Clients	Insights
<input type="checkbox"/>	Unknown	28b82943780d	--	EX2300-C-12P	2	0	--	
<input type="checkbox"/>	Unknown	daluu9485ad	3c-8c-93-94-85-ad	EX2300-C-12P	1	0	--	
<input type="checkbox"/>	Connected	EVPN-EX4400_Core_1	172.16.254.2	EX4400-48P	0	0	6	Switch Insights
<input type="checkbox"/>	Disconnected	EVPN-EX4400_Core_2	--	EX4400-24MP	0	0	--	Switch Insights
<input type="checkbox"/>	Disconnected	EVPN-EX4400-Access-1	--	EX4400-24P	0	0	--	Switch Insights
<input type="checkbox"/>	Disconnected	EVPN-EX4400-Access2	--	EX4400-24MP	0	0	--	Switch Insights
<input type="checkbox"/>	Connected	Id-cup-idf-a-core	10.100.1.47	EX4100-48MP	1	3	8	Switch Insights

スイッチの IP CONFIGURATION の設定

2. 「IP CONFIGURATION」の項目にて設定を行います

The screenshot displays the 'Switch Configuration' page in the Juniper Mist management console. At the top, a green banner indicates 'Configuration is Managed by Mist' with a 'Disable Configuration Management' button. Below this, the 'Device' section is visible. The main configuration area is divided into three panels: 'INFO', 'IP CONFIGURATION', and 'PORT CONFIGURATION'. The 'IP CONFIGURATION' panel is highlighted with a blue border and contains the following settings:

- IP CONFIGURATION**
Configure IRB/SVI interfaces using DHCP or Static IP assignment
- IP Address**
 DHCP Static
- Network (VLAN)**
default 1
- Additional IP Configuration**
No IP Configuration defined
- Add IP Configuration** (button)

The 'PORT CONFIGURATION' panel shows a table of port profile assignments:

Port Profile Assignment	
★ Site, Template, or System Defined	
★ ge-0/0/0-20	dot1x >
★ ge-0/0/21	demoooooooooo >
ge-0/0/29	AP >
ge-0/0/31	AP >

スイッチの IP CONFIGURATION の設定

3. 動的 IP アドレスを設定する場合は [DHCP] を選択します
※初期設定では DHCP が設定されます

The screenshot shows the 'IP CONFIGURATION' section of a network device's configuration interface. The title is 'IP CONFIGURATION' and the subtitle is 'Configure IRB/SVI interfaces using DHCP or Static IP assignment'. Under 'IP Address', the 'DHCP' radio button is selected and highlighted with a red box, while the 'Static' radio button is unselected. Below this, the 'Network (VLAN)' dropdown menu is set to 'default' with a '1' and a downward arrow. The 'Additional IP Configuration' section is empty, showing 'No IP Configuration defined'. At the bottom right, there is a blue 'Add IP Configuration' button.

[NETWORKS] で設定した VLAN と紐づけることが可能です
※default は native VLAN になります

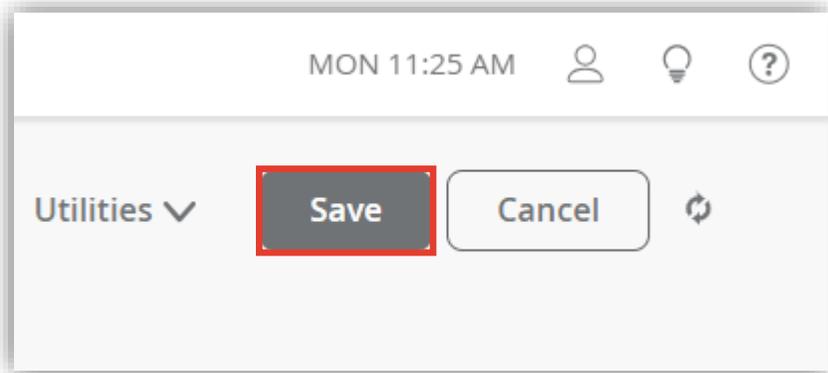
4. 静的 IP アドレスを設定する場合は [Static] を選択し IP アドレス、サブネットマスクを入力します

The screenshot shows the 'IP CONFIGURATION' section of a network device's configuration interface. The title is 'IP CONFIGURATION' and the subtitle is 'Configure IRB/SVI interfaces using DHCP or Static IP assignment'. Under 'IP Address', the 'Static' radio button is selected and highlighted with a red box, while the 'DHCP' radio button is unselected. Below this, the 'IP Address' text input field is highlighted with a red box. Underneath it, the 'Subnet Mask' text input field is also highlighted with a red box. The 'Network (VLAN)' dropdown menu is set to 'default' with a '1' and a downward arrow. The 'Additional IP Configuration' section is empty, showing 'No IP Configuration defined'. At the bottom right, there is a blue 'Add IP Configuration' button.

[NETWORKS] で設定した VLAN と紐づけることが可能です
※default は native VLAN になります

スイッチの IP CONFIGURATION の設定

5. [Save] をクリックし編集内容を保存します



スイッチの IP CONFIGURATION (OUT OF BAND) の設定

1. イーサネットベースの管理ネットワークを使用する場合は、同じスイッチの設定項目内にある「IP CONFIGURATION (OUT OF BAND)」の項目にて設定を行います

The screenshot displays the Mist configuration interface for a switch. At the top, a green banner reads "Configuration is Managed by Mist" with a "Disable Configuration Management" button. Below this is a "Device" header. The main configuration area is divided into three panels: "INFO", "IP CONFIGURATION", and "PORT CONFIGURATION".

- INFO:** Contains fields for Name (EVPN-EX4400_Core_1), Role, and Notes.
- IP CONFIGURATION:** Includes instructions to "Configure IRB/SVI interfaces using DHCP or Static IP assignment". It has radio buttons for DHCP (selected) and Static. A "Network (VLAN)" dropdown is set to "default" with a value of "1". Below this, it states "Additional IP Configuration" and "No IP Configuration defined", with an "Add IP Configuration" button.
- PORT CONFIGURATION:** Shows "Port Profile Assignment" with a note "* Site, Template, or System Defined". It lists several ports: ge-0/0/0-20 (dot1x), ge-0/0/21 (demo00000000), ge-0/0/29 (AP), and ge-0/0/31 (AP).

At the bottom of the interface, there is a section titled "IP CONFIGURATION (OUT OF BAND)" which is highlighted with a blue border. It contains radio buttons for DHCP (selected) and Static.

スイッチの IP CONFIGURATION (OUT OF BAND) の設定

2. 動的 IP アドレスを設定する場合は
[DHCP] を選択します
※初期設定では DHCP が設定されます

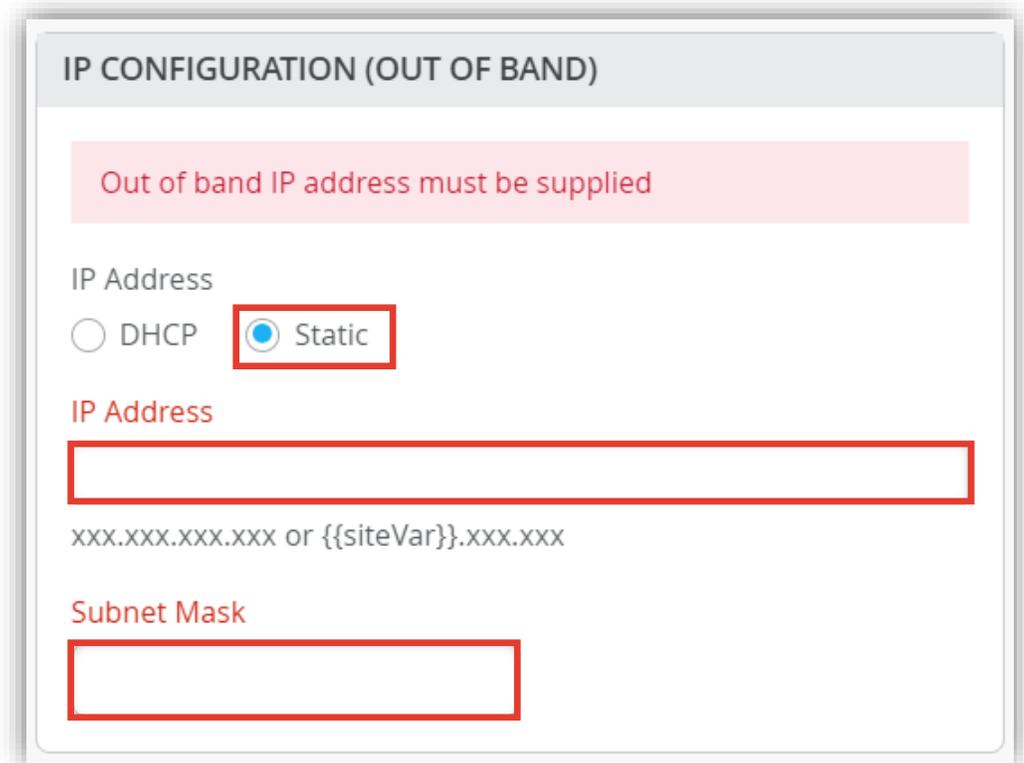


IP CONFIGURATION (OUT OF BAND)

IP Address

DHCP Static

3. 静的 IP アドレスを設定する場合は
[Static] を選択します
IP アドレスとサブネットマスクを入力します



IP CONFIGURATION (OUT OF BAND)

Out of band IP address must be supplied

IP Address

DHCP Static

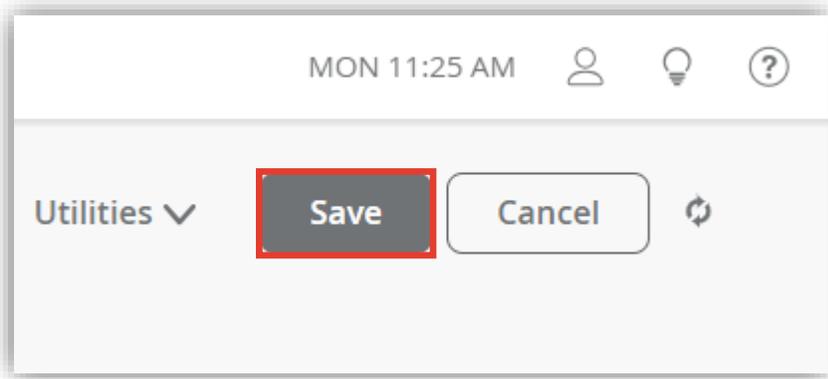
IP Address

xxx.xxx.xxx.xxx or {{siteVar}}.xxx.xxx

Subnet Mask

スイッチの IP CONFIGURATION (OUT OF BAND) の設定

4. [Save] をクリックし編集内容を保存します



Thank you

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