

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
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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 2021年8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下さい
<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>

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 displays the Juniper Mist management interface for switches. The left sidebar contains navigation options: Monitor, Marvis™, Clients, Access Points, Switches (highlighted), Gateways, Location, Analytics, Network, and Organization. The main panel shows the 'Switches' view for 'site Live Demo'. It includes a 'List' tab (highlighted), a refresh button, and a timestamp '7:04:01 PM (updates every 3 minutes)'. Summary statistics are shown: 8 Adopted Switches, 1 Discovered Switch, 35 Wired Clients, and 203 W Total Allocated AP Power. Below these are compliance bars for Switch-AP Affinity (100%), PoE Compliance (100%), VLANs (80%), Version Compliance (0%), and Switch Uptime (100%). A search filter is present above a table of switch details.

<input type="checkbox"/>	Status	Name	IP Address	Mist APs	Wired Clients	Wireless Clients	Model
<input type="checkbox"/>	Connected	ex4300-LD-TEST1	10.2.15.173	0	2	0	EX4300-48T
<input type="checkbox"/>	Unknown	ICX7450-48P Switch	10.2.2.15	1	--	0	--
<input type="checkbox"/>	Disconnected	ld-cup-idf-a-sw1	--	0	--	0	EX2300-C-12P
<input type="checkbox"/>	Connected	ld-cup-idf-a-sw2	192.168.9.140	2	5	2	EX3400-48P
<input type="checkbox"/>	Connected	ld-cup-idf-b-sw1	192.168.200.16	3	7	4	EX3400-48P
<input type="checkbox"/>	Connected	ld-cup-idf-c-sw1	10.2.11.79	3	6	0	EX3400-48P

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. A green banner at the top indicates 'Configuration is Managed by Mist' with a 'Disable Configuration Management' button. The interface is divided into several sections:

- INFO:** Fields for Name (Id-cup-idf-d-sw4400), Role, and Notes.
- PORT CONFIGURATION:** A table showing port profile assignments for ge-0/0/1 (block-edge) and ge-0/0/2 (max-mac-limit-1), along with unassigned ports (Default) and an 'Add Port Range' button.
- DYNAMIC PORT CONFIGURATION:** A section for applying port profiles to ports based on client properties, with a note that no rules are currently defined.
- RADIUS:** Settings for authentication and accounting servers, including fields for Timeout (5), Retries (3), and Interim Interval (0).
- CLI CONFIGURATION:** A text area for Site/Template CLI Commands, containing the command 'set system name-server 8.8.8.8'.

The **IP CONFIGURATION** section, located in the bottom-left, is highlighted with a blue border. It includes:

- IP Address:** Radio buttons for DHCP (selected) and Static.
- Network (VLAN):** A dropdown menu set to 'default'.
- Additional IP Configuration:** A message stating 'No IP Configuration defined' and an 'Add IP Configuration' button.

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' page. Under 'IP Address', the 'DHCP' radio button is selected and highlighted with a red box. The 'Network (VLAN)' dropdown menu is set to 'default' with a '1' and a downward arrow next to it. Below this, there is a section for 'Additional IP Configuration' which currently shows 'No IP Configuration defined'. At the bottom right, there is a blue button labeled 'Add IP Configuration'.

[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

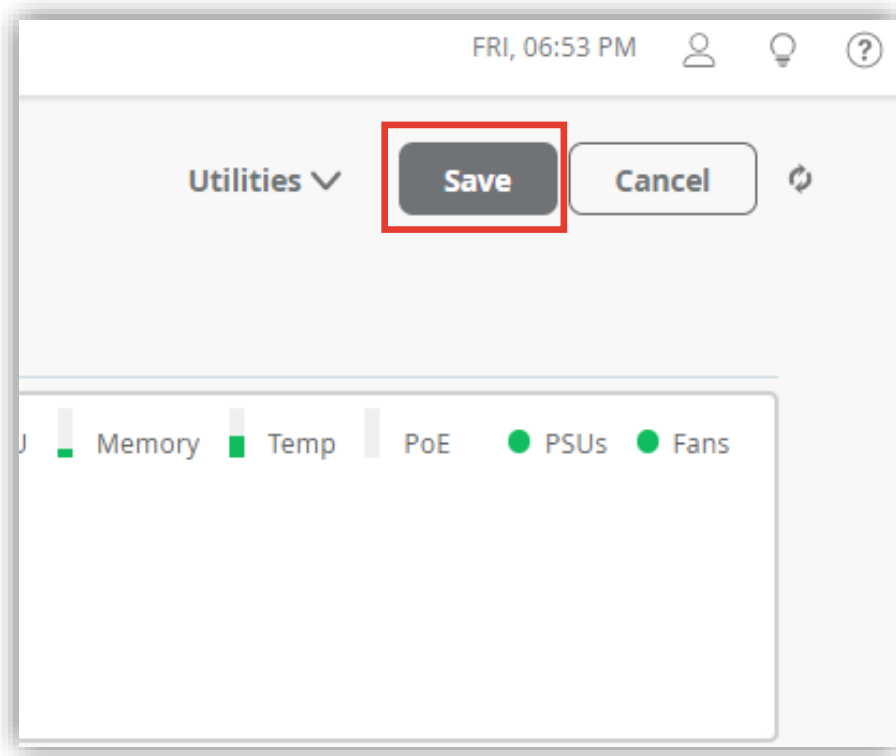
4. 静的 IP アドレスを設定する場合は [Static] を選択し IP アドレス、サブネットマスク、デフォルトゲートウェイ、プライマリ DNS を入力します

The screenshot shows the 'IP CONFIGURATION' page with the 'Static' radio button selected and highlighted with a red box. Below it, there are four input fields for 'IP Address', 'Subnet Mask', 'Network (VLAN)', and 'Default Gateway', all of which are highlighted with red boxes. The 'Network (VLAN)' dropdown is set to 'default'. Below these fields, there is a section for 'Additional IP Configuration' which shows 'No IP Configuration defined'. At the bottom right, there is a blue button labeled 'Add IP Configuration'. Below the main configuration area, there are additional input fields for 'Primary DNS', 'Secondary DNS', and 'DNS Suffix', all highlighted with red boxes.

[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

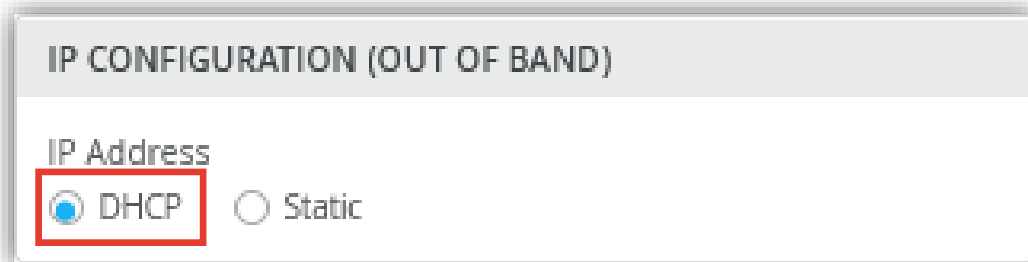
The screenshot displays the Juniper NCA configuration page for a switch. The left sidebar contains navigation options: Gateways, Location, Analytics, Network, and Organization. The main content area is divided into several configuration sections:

- IP CONFIGURATION:** IP Address is set to DHCP (selected) or Static. Network (VLAN) is set to default. Additional IP Configuration shows "No IP Configuration defined" with an "Add IP Configuration" button.
- IP CONFIGURATION (OUT OF BAND):** This section is highlighted with a blue border. It has the same options as the main IP CONFIGURATION section.
- DYNAMIC PORT CONFIGURATION:** Includes a checkbox for "Override Site/Template Settings". LLDP System Name is set to test (default). MAC address is set to d4:20:connect2ap.
- Accounting Servers:** Shows "No servers defined". Interim Interval is set to 0 (range 0-3600).
- CLI CONFIGURATION:** Includes "Site/Template CLI Commands" (e.g., set system syslog file ALL any any, set system time-zone Asia/Tokyo), "Rule-based CLI Commands", and "Additional CLI Commands".
- PORT PROFILES:** Port configuration for a set of related ports, with a dropdown menu showing "Site, Template, or System Defined".

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

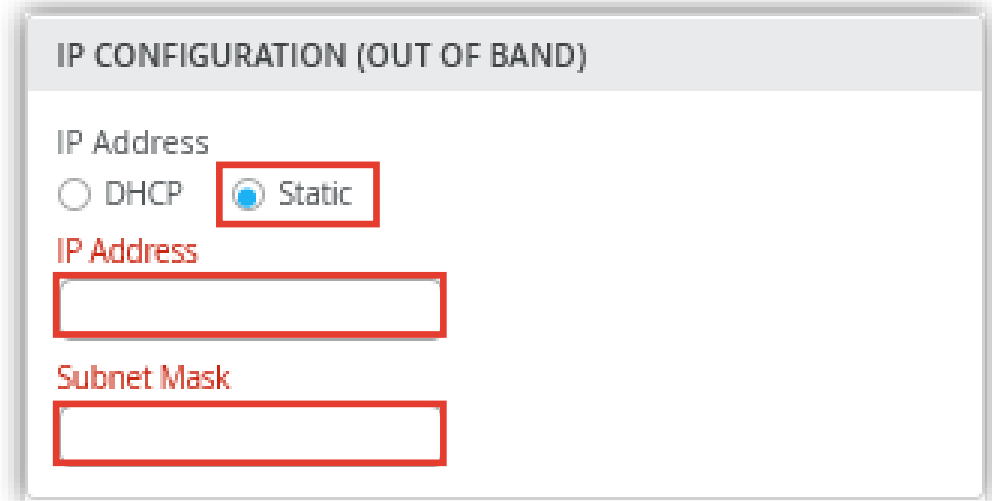
3. 静的 IP アドレスを設定する場合は
[Static] を選択します
IP アドレスとサブネットマスクを入力します



IP CONFIGURATION (OUT OF BAND)

IP Address

DHCP Static



IP CONFIGURATION (OUT OF BAND)

IP Address

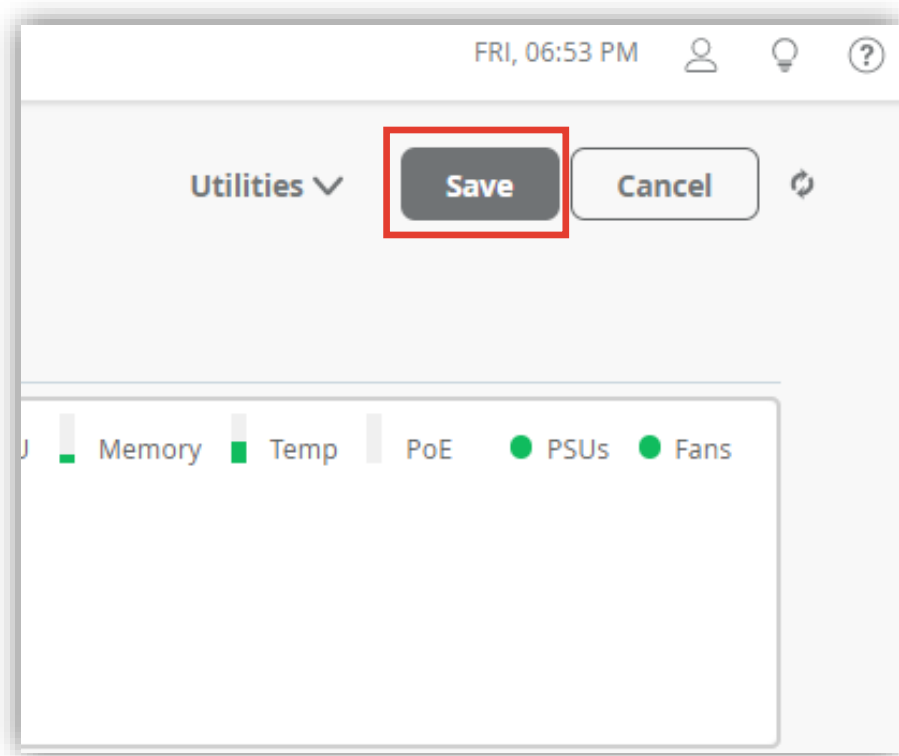
DHCP Static

IP Address

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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