

60GHz cnWave無線機 V1000/V2000/V3000/V5000 NTPサーバ時刻同期方法

概要

60GHz cnWave無線機をインターネット経由NTPサーバに時刻同期させます

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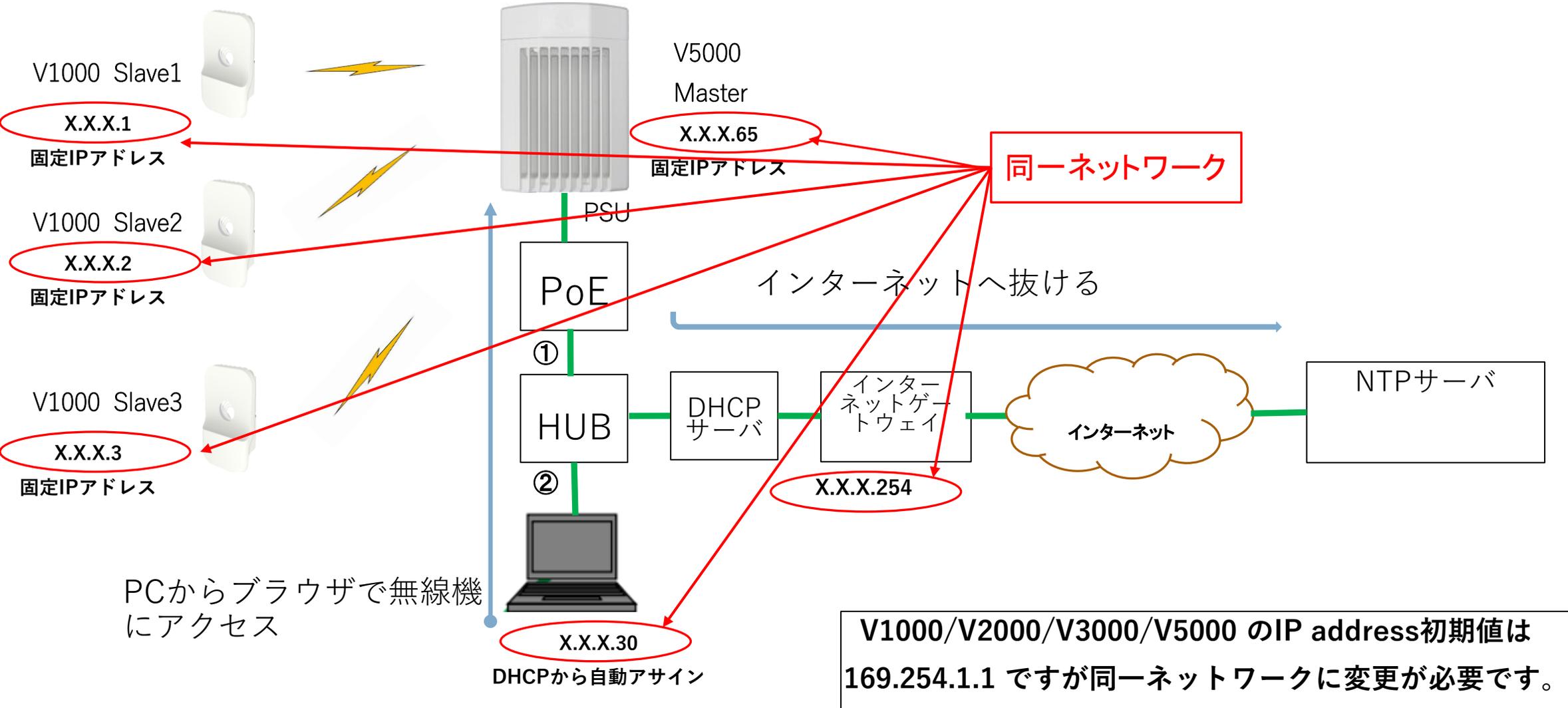
2025/1/10

1.0版 初版 2023/2/6

2.0版 2025/1/9

V2000を追記

図1 インターネット経由NTPサーバへの接続例



Step1 Configuration>Network

The screenshot shows the configuration page for a 60 GHz cnWave V1000 device. The interface includes a top navigation bar with 'Configuration' and 'Nodes' tabs, and a sub-navigation bar with 'Basic', 'Management', 'Security', and 'Advanced' options. The 'Basic' tab is selected, and the 'Channels' section is expanded. The 'DNS' section is also expanded, showing 'DNS Servers' set to '8.8.8.8' and 'Time Zone' set to 'Japan'. The 'NTP Servers' section is expanded, showing 'ntp.nict.jp' as the NTP server. The 'Submit' button is circled in red.

1.1
8.8.8.8 と入力

1.2
Japan を選択
ntp.nict.jp と入力

1.3
クリック

60 GHz cnWave™ V1000

Configuration

Network Nodes

Search

node-V1000-8b5b2f

Slave

Radio Networking VLAN Security Advanced

IPv4 Management

IPv4 Address: 192.168.0.65

Subnet Mask: 255.255.0.0

Gateway IP Address: XXXXXXXXXX

PoP Configuration

PoP Routing: Border Gateway Protocol (BGP) Routing Static Routing

Submit Cancel

2.1 お客様オフィスのインターネットゲートウェイのIPアドレスを入力

2.2 クリック

Step3 Dashboard

60 GHz cnWave™ V1000 Disable E2E Controller Reboot admin

Dashboard

Links

1 Total 0 Online

Nodes

2 Total 1 Online

Sites

2 Total

Wireless Throughput

0 kbps RX 0 kbps TX

Device Information

Type	POP
Name	node-V1000-8b5b2f
E2E Controller	Running Onboard
cnMaestro Connection Status	Not Connected (Remote Management is disabled)
cnMaestro Account ID	
MAC Address	00:04:56:8B:5B:2F
Serial Number	XXXXXXXXXX
Model	V1000
Software Version	1.2.1
Firmware Version	10.11.0.87
Wireless Security	None
Layer 2 Bridge	Enabled (0 tunnels)
System Time	Feb 3, 2023, 3:28:51 PM
Uptime	0d 2h 48m

Map Show Names: Yes No

補足 Tools>Ping

上手く行かない時

無線機がインターネットゲートウェイにアクセスしているかPingを飛ばして応答を確認します

The screenshot shows the 'Tools' menu with the 'Ping' option selected. The configuration fields are as follows:

- Source Node: node-V1000-8b5b2f
- Destination Type: Node, IPv4, IPv6
- Destination IP: XXXXXXXX
- Number Of Packets (-c): 3
- Buffer Size (-s): 56

The 'Start Ping' button is highlighted with a red box and labeled 'クリック' (Click). The 'Ping Result' section shows the following output:

```

PING XXXXXXXX 56(84) bytes of data:
64 bytes from XXXX icmp_seq=1 ttl=64 time=0.228 ms
64 bytes from XXXX icmp_seq=2 ttl=64 time=0.231 ms
64 bytes from XXXX icmp_seq=3 ttl=64 time=0.217 ms
XXXXXXXX statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2027ms
rtt min/avg/max/mdev = 0.217/0.225/0.231/0.006 ms
COMPLETED
  
```

IPv4を選択

インターネットゲートウェイの
IPアドレスを入力

クリック

アクセスに成功するとこのような表示となります。
不可ならネットワーク内の別のIPアドレスにpingを
飛ばして切分けます。