

HIP

High Precision Instruments

PREMIUM TIME

DNS CONNECT

DNS ?

Domain Name System (DNS)

The Domain Name System (DNS) is a system used to convert a computer's host name into an IP address on the Internet. For example, if a computer needs to communicate with the web server, your computer needs the IP address of the web server, It is the job of the DNS to convert the host name to the IP address of the web server. DNS is defined in RFC 1034 and RFC 1035 and use the UDP Port 53 or TCP Port 53.

Structure

Domain names are made up of one or more parts, or labels that are joined and kept separate by dots, such as `www.example.com`.

The order goes down from right to left.

The label on the right is the [top-level domain](#) or TLD. For example, the top-level domain of `www.example.com` is `com`. The next one along is the subsection (or subdomain as is the proper word) of the TLD. In `example.com` this is `example`. The furthest to the left is the `www` which is a subdomain of `example`. The `www` means the site is part of the World Wide Web (NOT the same as the Internet)

Each label can have 63 letters/numbers (characters) and a domain name cannot have more than 253 characters.

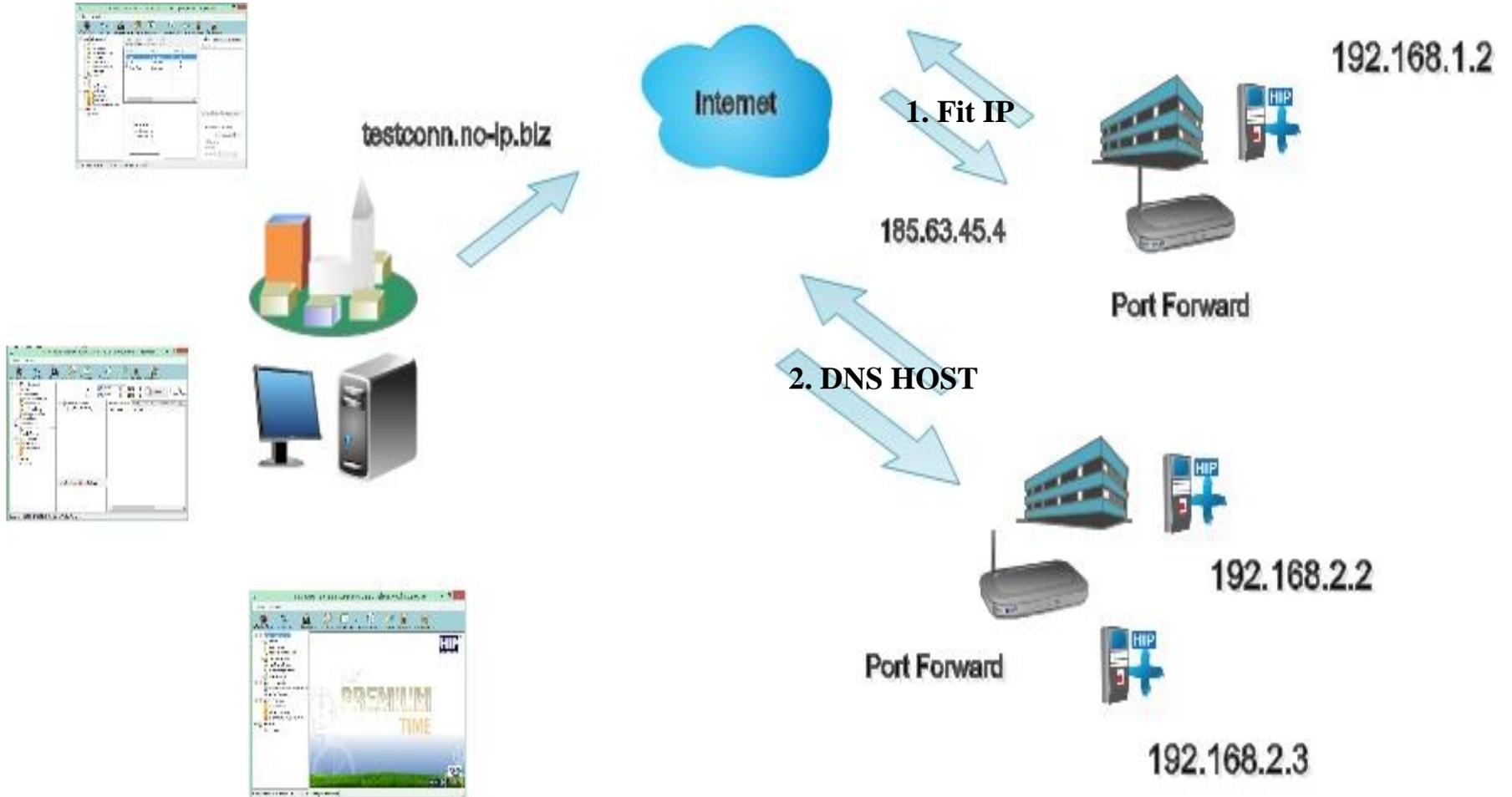
The only characters allowed in a domain name are:

- a–z (lower-case)

- 1–9 & 0 and

- Hyphens (-)

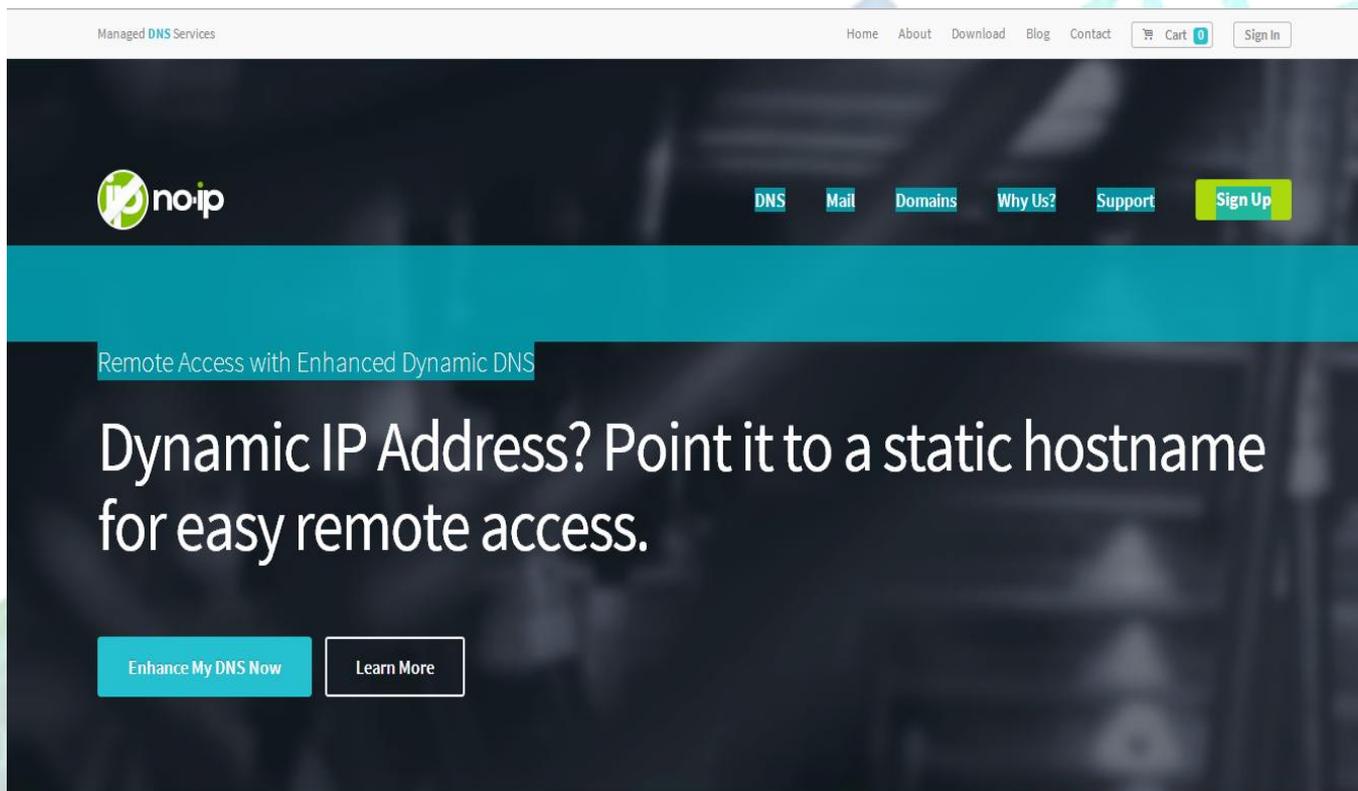
DNS CONNECT



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DNS HOST AND SETUP



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<https://www.noip.com/>

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**If you build it,
will your users still come?**

WEBINAR REPLAY:
DNS Build vs. Buy: The Cloud vs. On-Premise
Presented by Cory von Wallenstein



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DNS HOST AND SETUP

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Hosts/Redirects

- Add Host
- > **Manage Hosts**
- Manage Groups
- Download Client
- Upgrade to Enhanced

Need Help?

- Support Center
- Troubleshooting Guide
- Dynamic Update Client
- Support Ticket
- Contact Us
- Upgrade to Priority Support

Manage Hosts

Current Hosts: 1 [Need More Hosts? Enhance Your Account!](#) [Enhance Your Account](#)

Host	IP/URL	Action
Hosts By Domain		
no-ip.biz		
testconn.no-ip.biz	180.183.96.35	Modify Remove

[Add A Host](#)

After register DNS host, you should get URL from DNS host as :
testconn.no-ip.biz > (It should be difference in each Host)

DNS HOST AND SETUP

Firewall Settings

DNS

Dynamic DNS

Network Tools

Routing

Schedules

NAT

FTPD Setting

FTPD Account

ADD DYNAMIC DNS

DDNS provider :

Hostname :

Interface :

Username :

Password :

Setting Router of Device is connections by DNS Dynamic by inputting DNS Host, Username and Pass Word of register on DNS Host

DNS HOST AND SETUP

ROUTING

Schedules

NAT

FTPD Setting

FTPD Account

IP Tunnel

Logout

PORT FORWARDING SETUP

Remaining number of entries that can be configured: 30

WAN Connection(s) : PVC:0/33 ▾

Server Name :

Select a Service : (Click to Select) ▾

Custom Server :

Schedule : always ▾ [View Available Schedules](#)

Server IP Address(Host Name) :

External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Remote Ip
<input type="text"/>	<input type="text"/>	TCP ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	TCP ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>

Next step for setup Port Forward to advise IP of device and Port Number is connection by DNS, ensure that was not double
*Remark : please checking on Router Manual for an operation.

RECALL BY HIP PREMIUM TIME

The screenshot shows the HIP Premium Time software interface. The title bar indicates the version is (build 20/03/2014) V 1.3.6 and the user is a Supervisor. The interface includes a menu bar, a toolbar with various icons, and a main workspace. A red box labeled '1' highlights the clock icon in the toolbar. A red arrow points from this box to a red box labeled '2' which highlights the 'เครื่อง' (Device) icon in the left sidebar. Below the sidebar is a table titled 'Real-Time Monitor' with columns for device name, status, and IP address. The table contains three rows of data. At the bottom of the interface, there are status indicators for 'User Updated', 'Log Updated', and 'Admin Log', all showing a count of 0. The bottom of the window contains a copyright notice for 2014 HIP GLOBAL Co., Ltd.

ชื่อเครื่อง	สถานะ	หมายเลขเค...	ชนิดการเชิ...	หมายเลข IP
809	Disconnect	9	3	testconn.no-ip.biz
825	Disconnect	4	1	192.168.1.227
Finger Sample	Disconnect	1	2	192.168.1.224

User Updated : 0
Log Updated : 0
Admin Log : 0

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Easy recall by HIP Premium Time step by step.

RECALL BY HIP PREMIUM TIME

HIP Premium Time (build 20/03/2014) V 1.3.6 ผู้ใช้ระบบขณะนี้ : Supervisor

เครื่องบันทึกเวลา

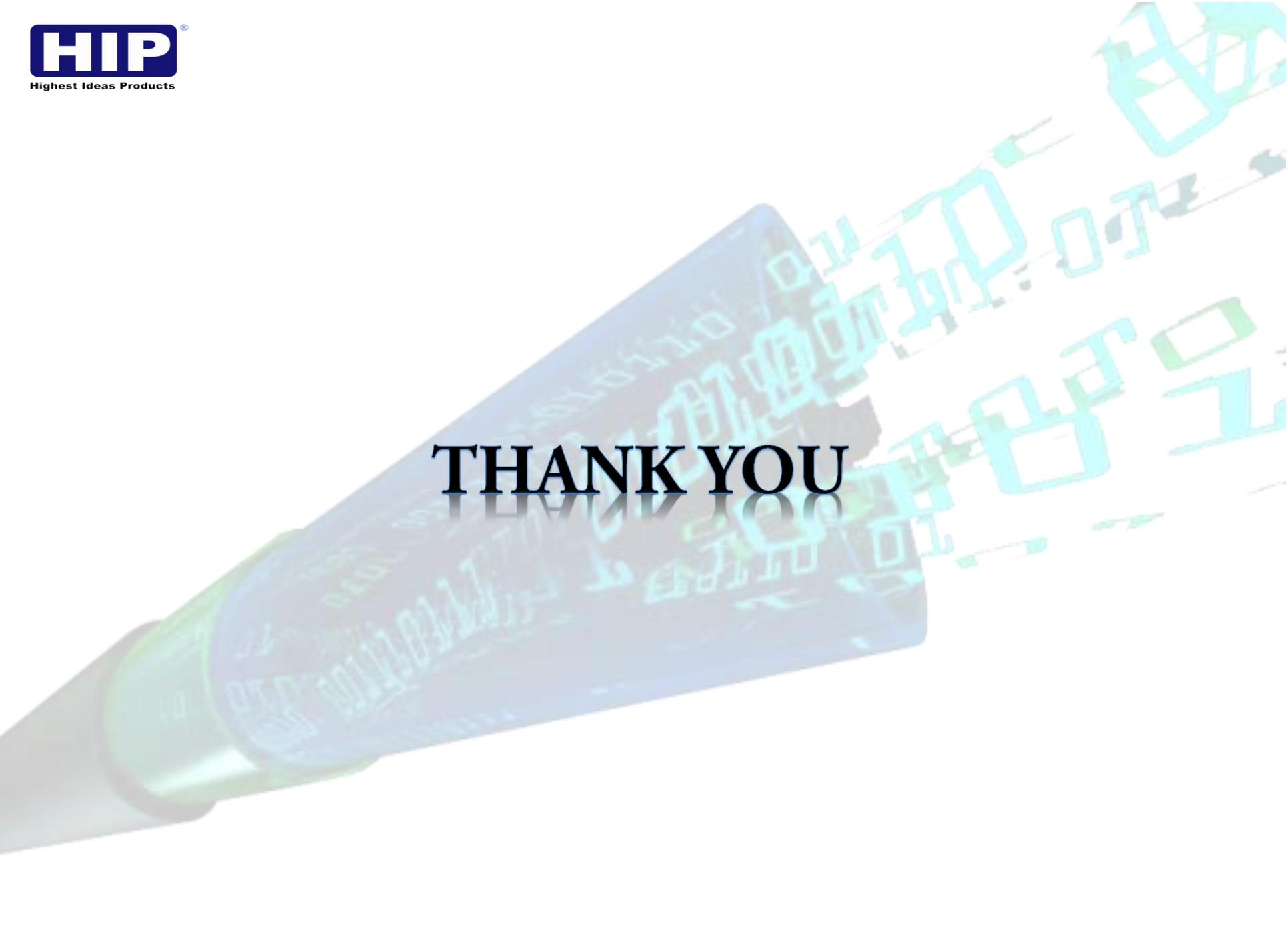
ชื่อเครื่อง Finger Sample หมายเลขเครื่อง 1
เครื่องรุ่น C 806 หมายเลขพอร์ต 5005
ชนิดการเชื่อมต่อ USB หมายเลข testconn.no-ip.biz

3

4

หมายเลขเครื่อง	ชื่อเครื่อง	Com Ports	Baud Rate	พ
1	Finger Sample	1	115200	192.1
4	825	1	115200	192.1
9	809	1	115200	testc

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THANK YOU