

Connection of the DAP via DynDNS / WAN IP-Address

The DAP Access Point has not to be in the same network like the DNH/DNC-100 is running, instead of this in another separate network and has to managed by the DNH/DNC-100.

This can be realized via a VPN connection. Or with a Port Forwarding in the router via this the DNH/DNC-100 is online.

Environment: DNH/DNC --- Router A - - - Internet - - - Router B --- DAP

In Router A is a Port Forwarding to port TCP 8443 to the IP-Address of the DNH/DNC configured.
Optional: In Router A is an alias to his dynamic WAN-IP-Address a DynDNS configured.

1. The DNH/DNC-100 in this example is configured without an added DAP. The DAP is reset o factory defaults.

2. Connect the DAP with the local network in this the DNH/DNC-100 is and start the DAP.

- 3. Login tot he setup of the DNH/DNC-100.
- 4. On the left go to menu **System Settings** and then on the top to **Connection**.
- At Device Access Address chose Other.
- Enter the DynDNS-Adresse with this the Router A is synchronized.
- The Device Access Port let at 8443.

This TCP Port 8443 you must enter as a port Forwarding in the Router A via this the DNH/DNC-100 is online.

- Click onto Save.



5. On the left go to menu Configuration and then Create Profile.

At the profile, into this the DAP has to be added, click onto the **Discovery-Button**, let the DAP search, find and bind it in.

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() Dashboard	All Sites ~	All Networks V Total 1 Net	works Total 1/1 Online APs	Total 1 Clients					Add Netw
Monitor >	Site Name 🔺	 Network Name 	Network ID Y Ti	otal Devices	Online Devices Y	Clients ~	Profile	Discovery	Action
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Create Profile									



6. **Option:** After the DAP is bound into the profile, you can call the setup of this DAP and go into the menu **Status – Device Information**.

There at Server IP/Port must be the address and port number like at step 4 configured.

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DAP-2610	Device Information					
Basic Settings Status Device Information	Ethernet MAC Address:	Firmware Version:v2.01809 f4:8c:eb:88:87:a0				
Client information	Wireless MAC Address(2.4GHz):	Primary: f4:8c:eb:88:87:a0				
Channel Analyze		SSID 1~7: f4:8c:eb:88:87:a1 ~ f4:8c:eb:88:87:a7				
🕀 🂓 Statistics	Wireless MAC Address(5GHz):	Primary: f4:8c:eb:88:87:a8				
Et Dog		SSID 1~7: f4:8c:eb:88:87:a9 ~ f4:8c:eb:88:87:af				
	Ethernet					
	IP Address	192.168.1.227				
	Subnet Mask	255.255.255.0				
	Gateway	192.168.1.1				
	DNS	192.168.1.1				
	Wireless (2.4GHz)					
	Network Name (SSID)	inis_DNH				
	Channel	9				
	Data Rate	Auto				
	Security	WPA2-Auto-Personal / Auto				
	Wireless (5GHz)					
	Network Name (SSID)	inis_DNH				
	Channel	40				
	Data Rate	Auto				
	Security	WPA2-Auto-Personal / Auto				
	Device Status					
	CPU Utilization	1%				
	Memory Utilization	39%				
	Nuclias Connect					
	Connection Status	Connect				
	Server IP/PORT	dyndns.org:8443				
	Group ID	F907-99900DB4-11E9A4FF-8B47				

7. Disconnect the DAP from this network now and bring it to the external network, where it has to work.

There start the DAP and take sure that the DAP has internet access.

8. Back to the place where the DNH/DNC-100 is running.

Log in to the DNH/DNC-100 again and go into the menu **Monitor** – **Access Point**. The DAP has to be listed with status **green**. So the DAP at the external network is connected to the DNH/DNC-100.





Example: A WLAN client is connected to this external DAP. It will be listed in the DNH/DNC-100 as connected client.

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Dashboard	Connected Clients Blocked Clients				
Monitor ~	Total 1 Connected Clients	All Sites 🗸	All Networks V All Clients	Search By MAC Address	Search 'Keyword'
Access Point					
Wireless Client	No. Action Network VIP Address A VMAC Address V	Auth Type Y Channel	 RSSI (dBm) Band 	Y SSID Y AP MAC Addr	ess 🐣 Last Seen 🗠
 Neighbor AP 	1 inis DNH 192 148.0.190 c8.47-33-19-28-32	Disabled 40	-60 5GHz 1	inis DNH f4-8creb-88-87	-10 2021-01-27 10:30:47
Floor Plan	* 1 ₁₈ ms_0 174.100.0.170 C0.17.00.1740.04	Distortes TV	5012 1	14.04.00.00	LOLL OF L' MOOT

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Every DAP, this you add to the DNH/DNC-100 now, this will get this Server-IP.

If you want to add local DAPs subsequently now, please set the **Device Access Address** Back to the local IP-address of the DNH/DNC-100 and save this setting. See step 4.

This has no effect to the already running external DAPs. Also not when you make changes in the Profile. All DAPs will take over the changes, also the external DAPs.

The Server-IP can't be changed subsequently in the DAPs.