Manual how to bind the Switches into the Nuclias Connect

For Nuclias Connect Hardware DNH-100 Rev.A and Nuclias Connect Software DNC-100
For SWITCH Rev.F and Rev.G

To bind the **switch** into the **Nuclias Connect** please follow these steps.

1. **Requirements**
   - **DGS-1210** in **Rev.F** with **firmware version 6.30.xx or higher**
   - **DGS-1210** in **Rev.G** with **firmware version 7.30.xx or higher**
   - **DGS-1100V2** in **Rev.A** with **10 Ports and more** with the **Firmware version 4.00b019 or higher**
   - **DXS-1210** in **Rev.B** with **Firmware version 2.01b10 or higher**

   - **DNH-100** Nuclias Conenct Hub with the actual **Firmware 1.2.1.7** or higher.
   Or **DNC-100** Nuclias Connect Software in the actual **Version 1.2.1.3** or higher.

The firmware files and software you can download from our D-A-CH-BE-NE-LUX web sites https://www.dlink.com or https://ftp.dlink.de

2. **Preparations**

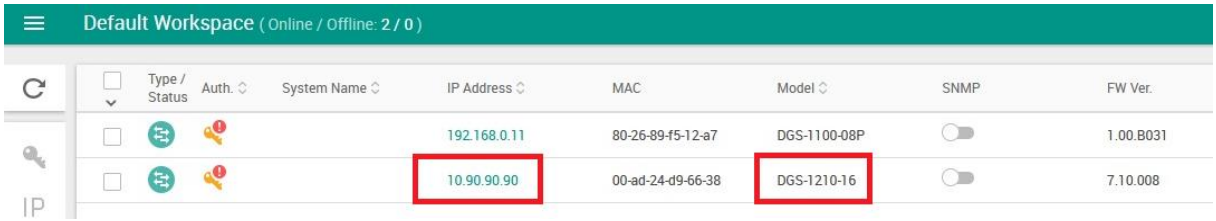
   Different to the DAP Access Points the switch must be pre-configured so far that it got an IP-address from the DHCP-Server in the network or has a static IP-address compatible to the network.

   By default the switch has the static IP-address **10.90.90.90**
   with subnet mask **255.0.0.0**
   Change the TCP/IP of the network connection temporarily to configure the switch.

   Alternative or if you don’t know the IP-address of your switch you can use our Software **D-Link Network Assistant (DNA)** to find it out or to change it.
   See following screenshot.

You can download the **DNA** from
https://ftp.dlink.de/software/DNA/D-Link_Network_Assistant_DNA_40021_all_en.zip

With the PC mouse go over the switch entry and then click on **IP** on the right side.
Then you can change the IP-address of the switch.



Note:
In the following steps granting that you already made a setup in your DNH-100 / DNC-100 (**following named as NC**) and have it in use with DAP-models, so the NC has a basic setup already.

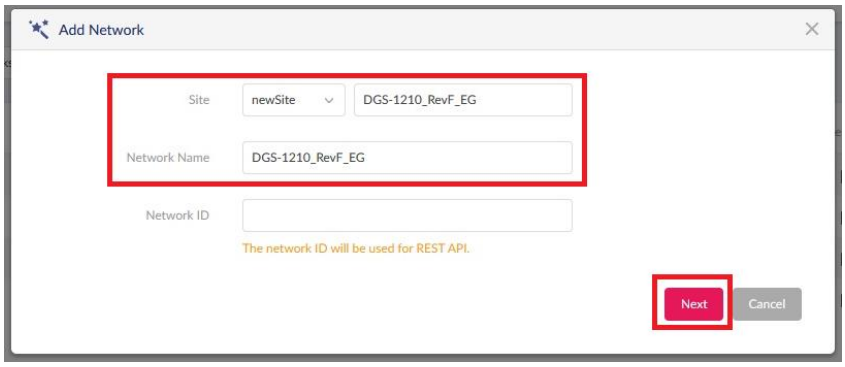
3. Call the setup of your NC and log-in.
   We recommend to use the English setup because the translation in other languages isn't fine sometimes.

   - Chose **English**.
   - Enter the username **admin** and your configured Admin-password.
   - If necessary enter the displayed CAPTCHA.
   - Click onto **Login**.

4. On the left go to the menu **Configuration** and then **Create Profile**.
   Upper-right click onto **Add Network** to create a new Switch-Profile.

Note:
Switches can't be bound into AP-Profiles, also AP not into Switch-Profiles.

5. Create a **newSite** or chose an already existing Site, in this you added an Access point profile and then add a new Network.
   For this give (the site and) the Network a name and then click on **Next**.

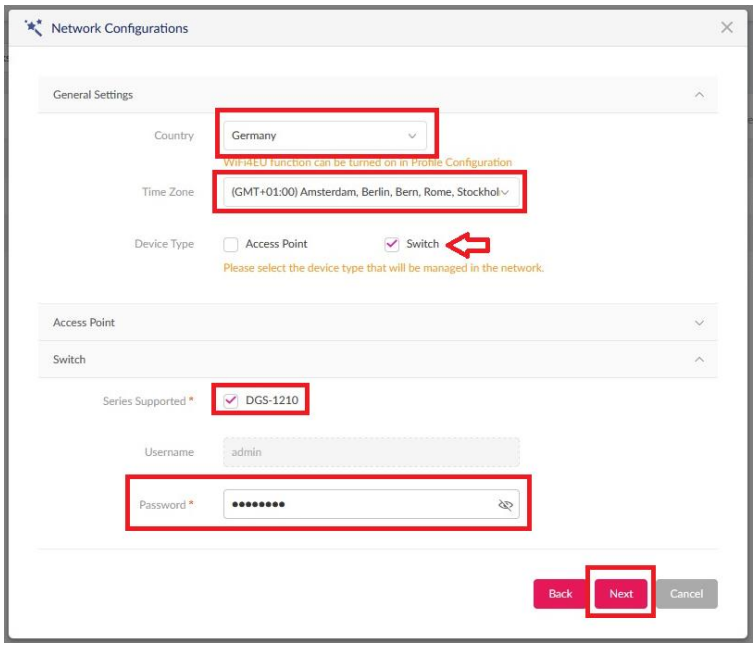


6. - Chose the **Country** where the switch has to work.
   - If necessary modify the **Time Zone**.
   - Set a hook at **Switch**.

   - At **Series Supported** you must mark the **Switch-Type** this you want to add.

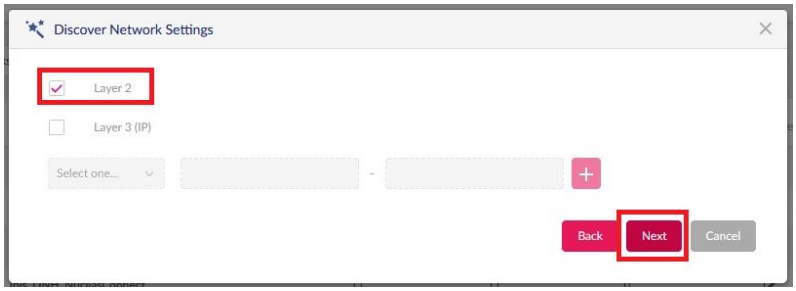
   - At **Password** you must enter the Admin-password this the switch has to get from the NC-Profile as soon as it will be bound-in.

   Click on **Next**.

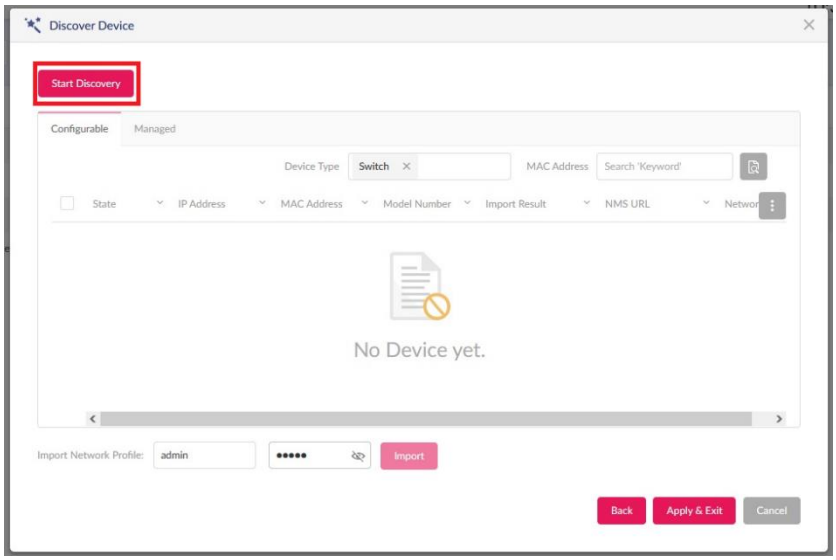


7. Normally it is fine to use **Layer 2**.

   Click on **Next**.



8. Upper-left click onto **Discovery** to let search for switches.

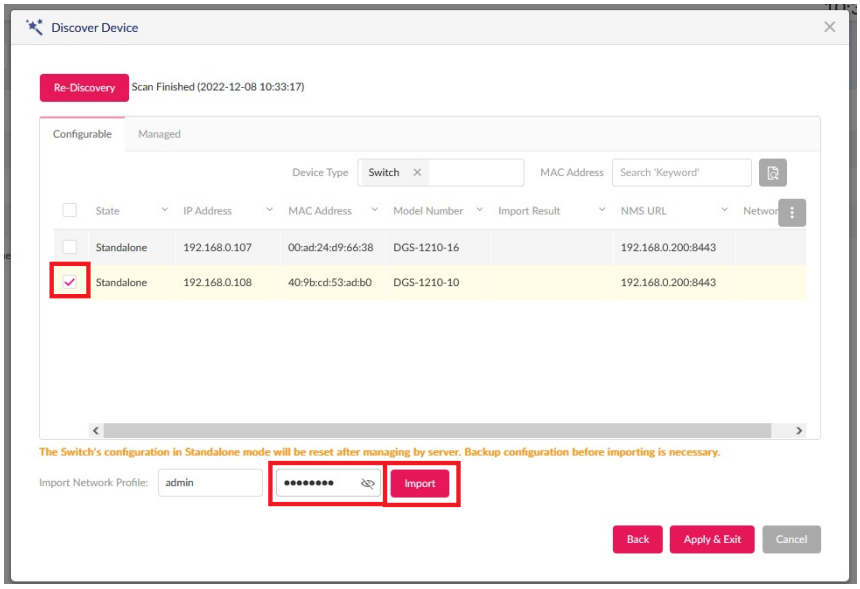


9. The available and compatible switches in the network will be found.

   Mark the switch this you want to bind into the NC-Profile.

   Enter the Admin-password **this the switch actually has**.
   - The default Admin-password is **admin**.
   - If you already have changed the Admin-password then enter this.

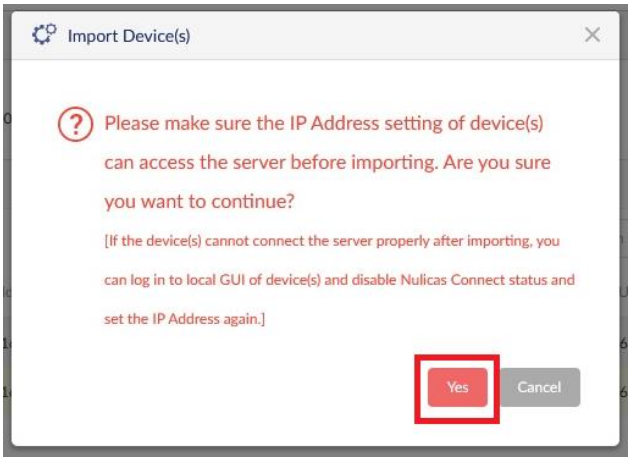
   Click on **Import** to take over the marked swich into the NC-Profile.



Recommendation!!
For each switch create an own NC-Profile: An own Site or an already exiting site with an own Network each.
Else it can become difficult because the NC displays all LAN ports of all switches in the NC-profile like they are one switch.

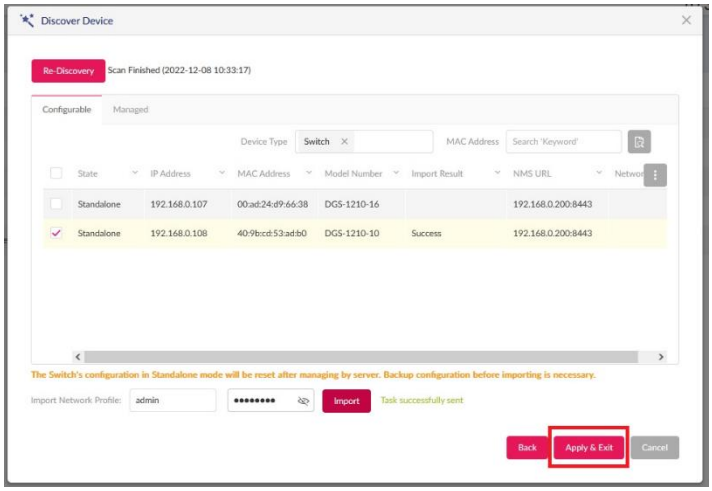
Example: The LAN ports of three DGS-1210-10P will be listed as 30 ports – a differentiation which port if from which switch won't be so easy.

10. Click on **Yes**.



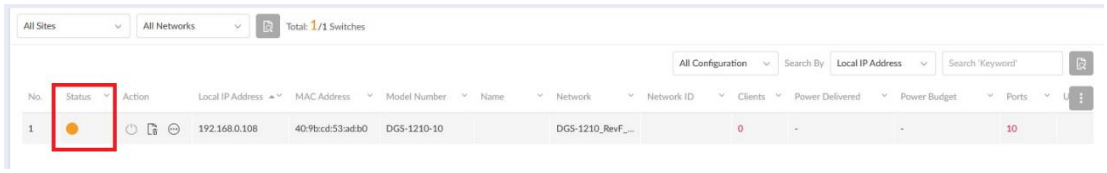
11. The displayed NC **flickers** a few times now.
Please what until this ends.

Click on **Apply & Exit**.



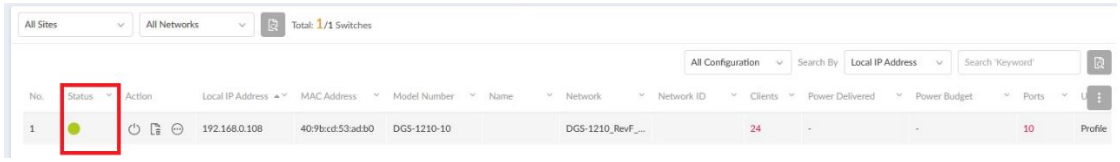
12. After 3-5 minutes the switch will be displayed in the **Dashboard**.
Click onto this...

... then the **Status** of the switch will be displayed.
Normally at this moment it is boarding.
Status is orange = Boarding



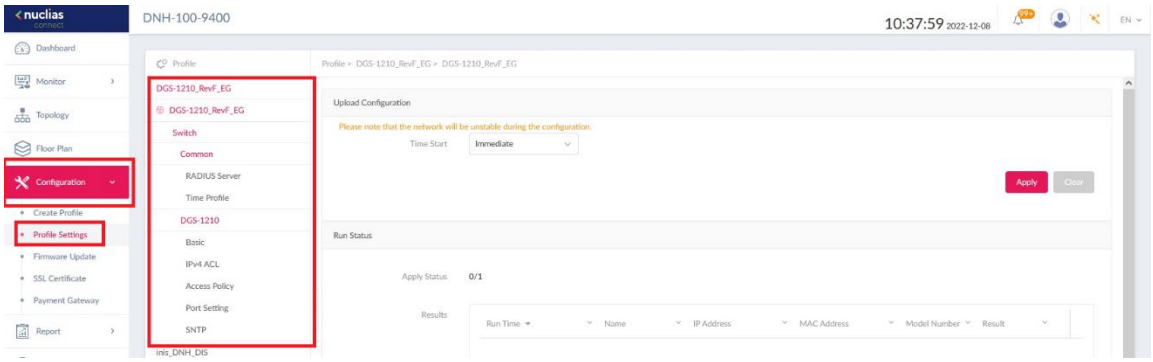
After additionally 3-5 minutes the Status is green = Connected

The switch can be managed and configured via the NC now.



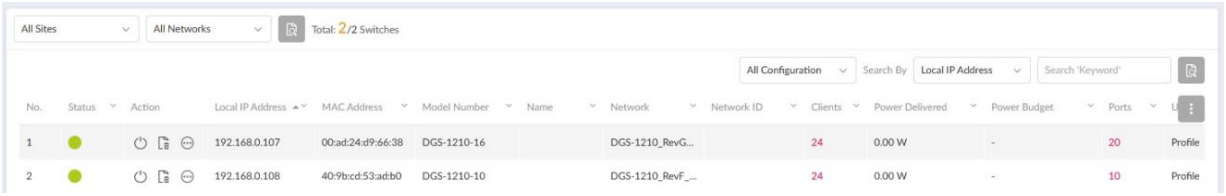
13. To access the possible settings of the switch in the NC, on the left go to the menu **Configuration** and then **Profile Settings**.

There inside the created profile of the switch you can make several settings.



With it the binding of the switch into the Nuclias Connect is finished.

Example:
Each a DGS-1210 Rev.F and G is bound into the Nuclias Connect:



Please see also the following manuals

Basic Setup of the DNH:
https://ftp.dlink.de/dnh/dnh-100/documentation/DNH-100_howto_reva_Grundrichtung_de.pdf

The Nuclias Connect app:
https://ftp.dlink.de/dnh/dnh-100/documentation/DNH-100_howto_reva_NucliasConnectApp_de.pdf

Tips:
https://ftp.dlink.de/dnh/dnh-100/documentation/DNH-100_howto_reva_Tipps_de.pdf

For further manuals please visit our FTP server
https://ftp.dlink.de/dnh/dnh-100/documentation/
and our websites
https://www.dlink.com/de/de
https://www.dlink.com/be/fr
https://www.dlink.com/be/nl
https://www.dlink.com/nl/nl