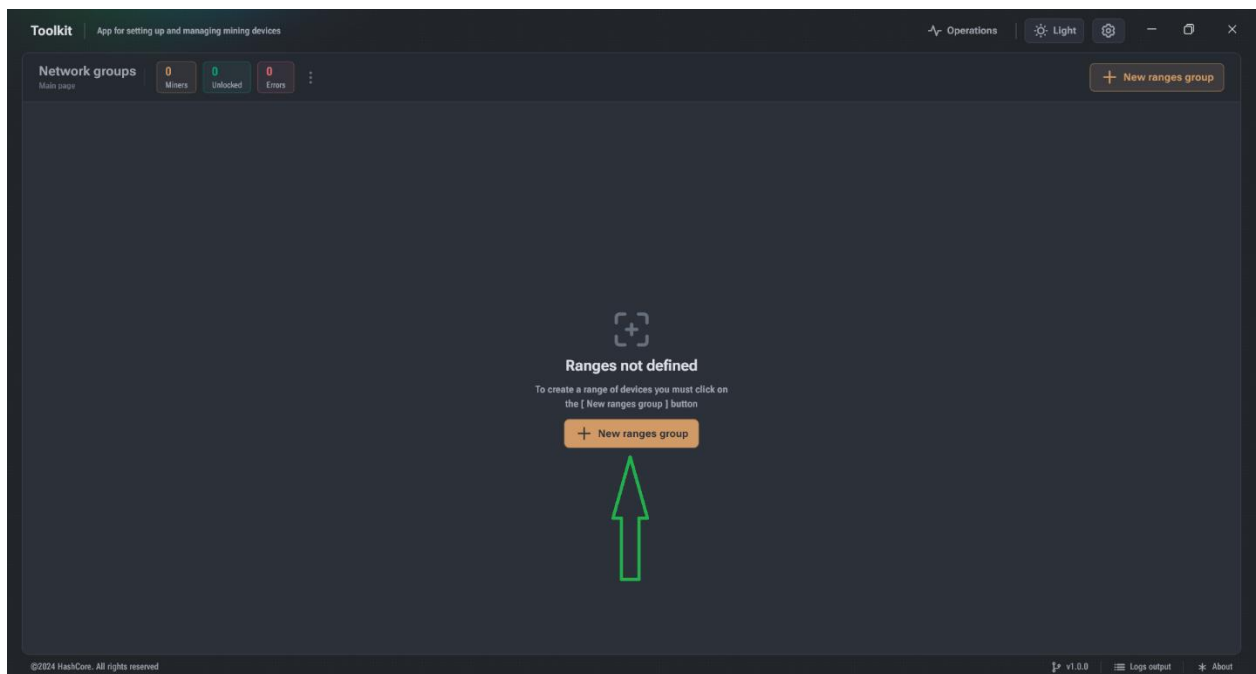


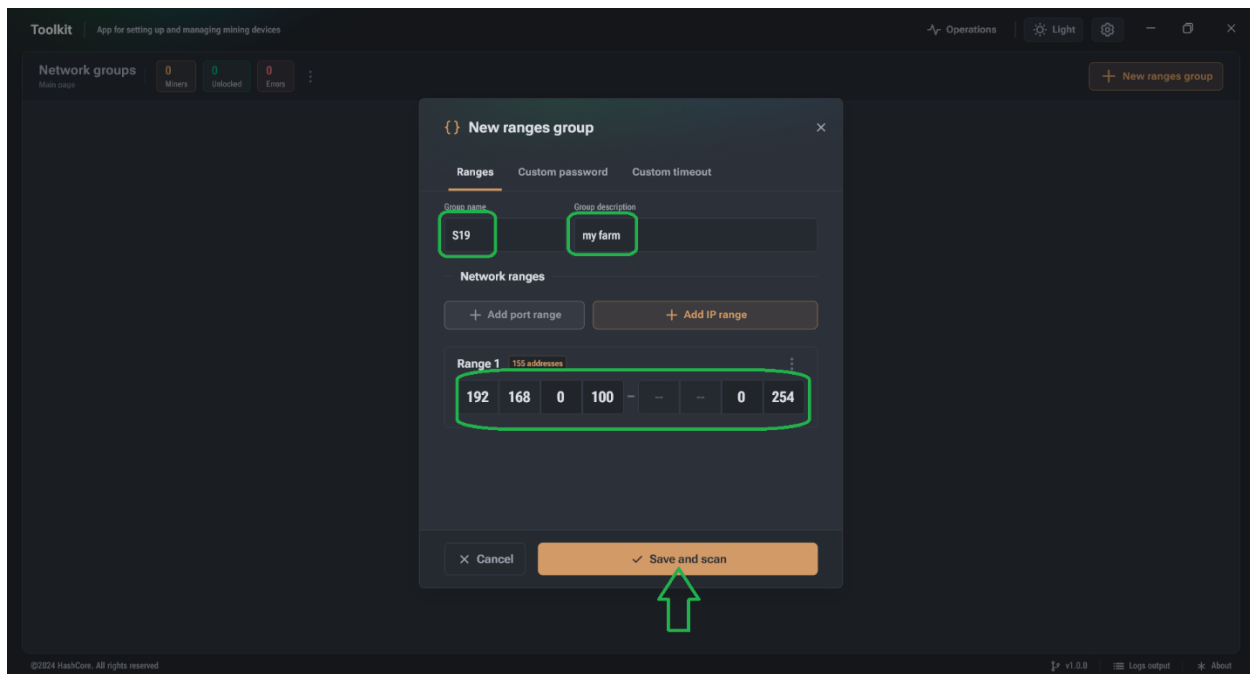
How to Install Vnish.Ru Firmware by Vnish Toolkit

1. Open the Toolkit software .
2. Click on “ New ranges group ” button :

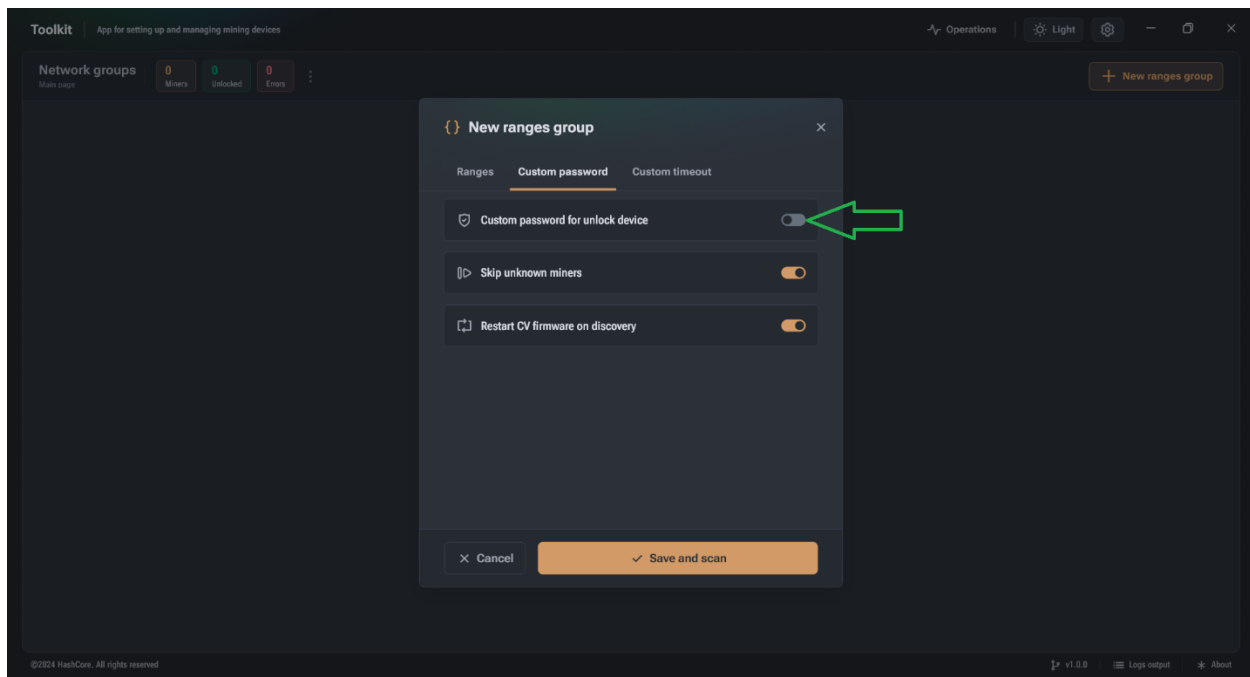


3. Now need to make a group for the IP range
 - Choose a name on “ Group Name ” box
 - Put your own description on “ Group description ” box
 - Choose your IP range on range box

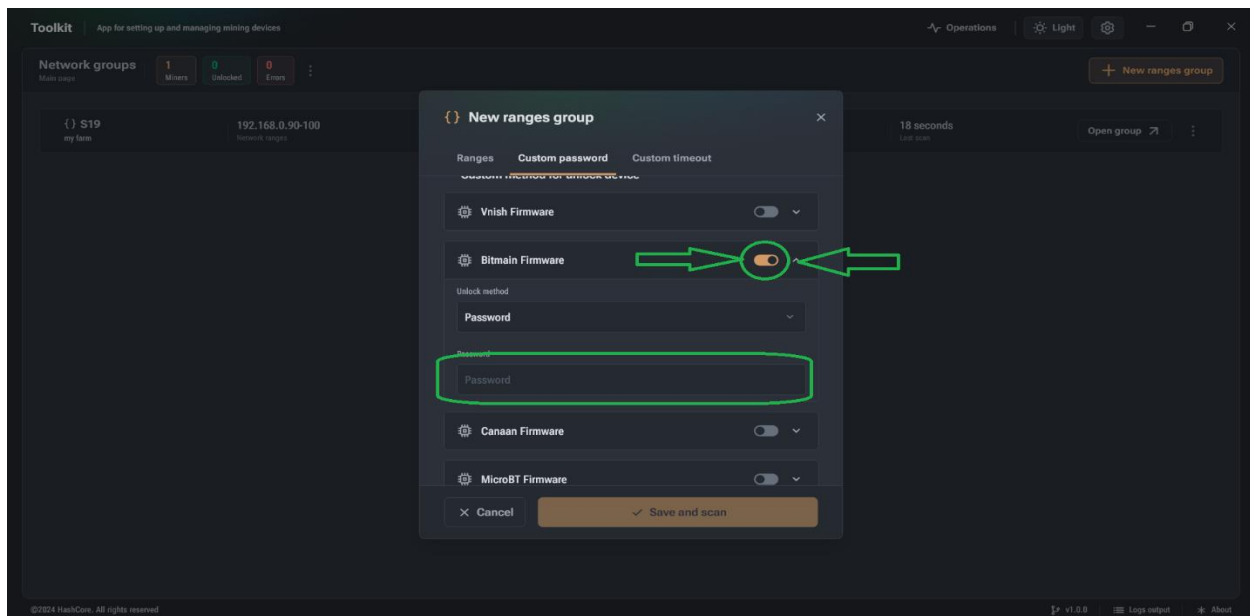
Vnish.ru Toolkit Tutorial – Install Vnish Firmware



- Additional description :
 - If you changed the default password (root) , click on “ Custom password ” tab and then enable “ Custom password for unlock device ”

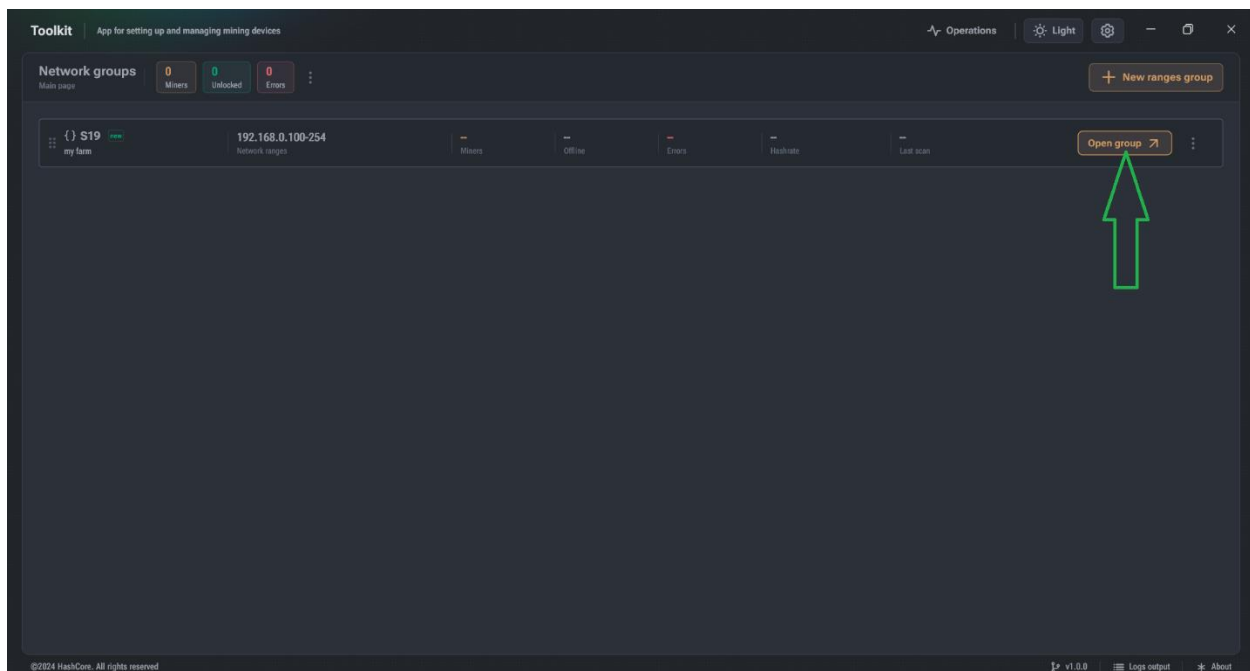


And then scroll down and enable “ Bitmain Firmware ” and click on drop down menu to see the Password . On Password box you can put your miner’s password

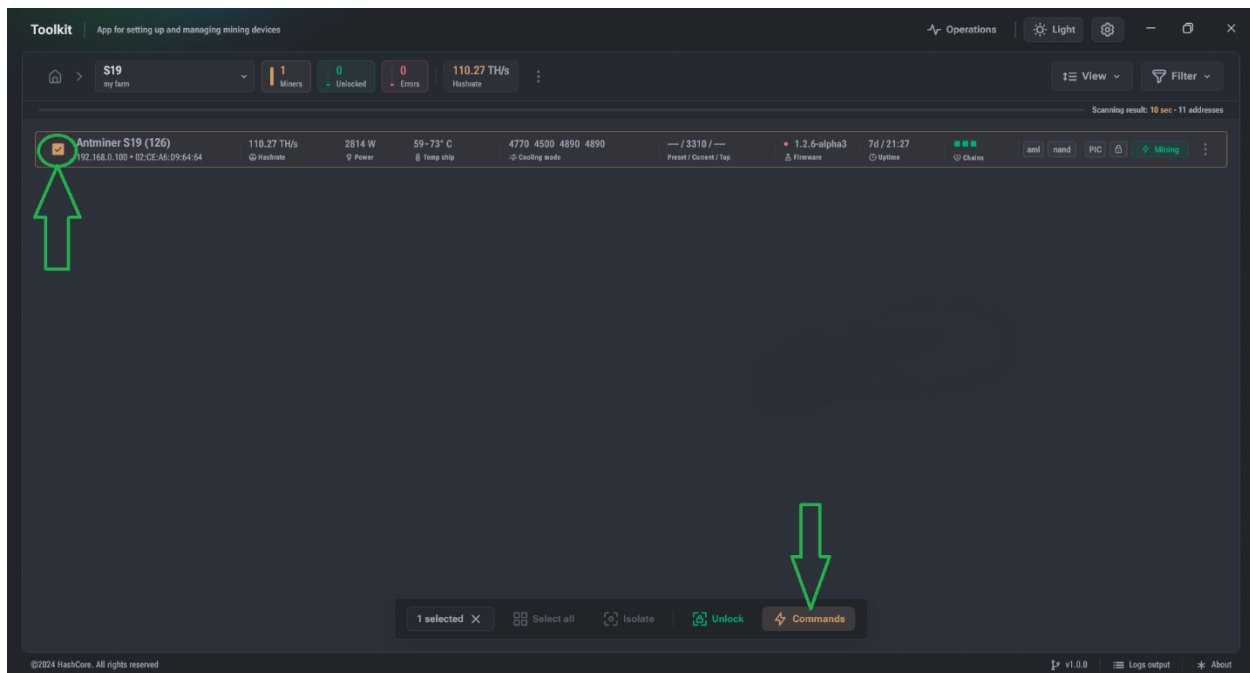


4. Now Click “ Save and Scan ”

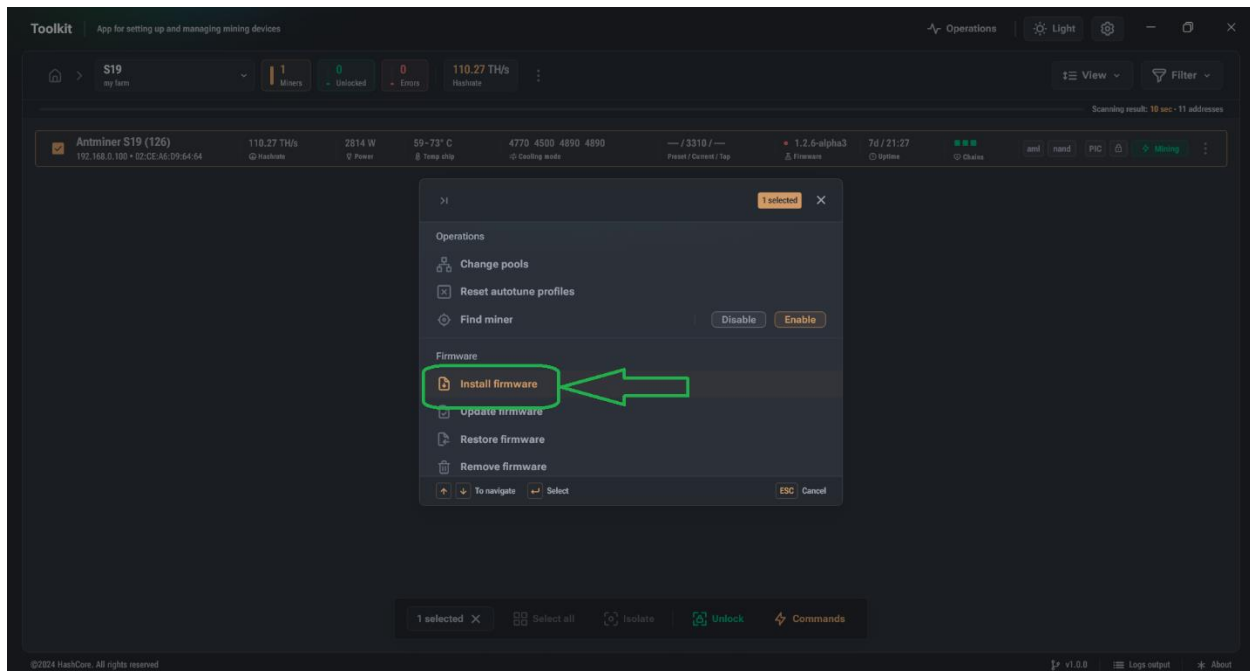
5. Click on “ Open Group ”to see the miners on IP range .



6. Now select the miner you want to install Vnish firmware on it and click on “Commands” button :



7. On Commands page click on “Install Firmware” button :



8. Then the Install page appears : Click on “ Select ” button to select the **C:/vnishru** that firmware files are inside it fill the boxes with information like picture below :

Firmware name : vnishru

Firmware Version : 1.2.6-alpha5

Installing firmware 1 selected X

Firmware directory Not selected **Select**

Firmware install options

Firmware name **vnishru**

Firmware version **1.2.6-alpha5**

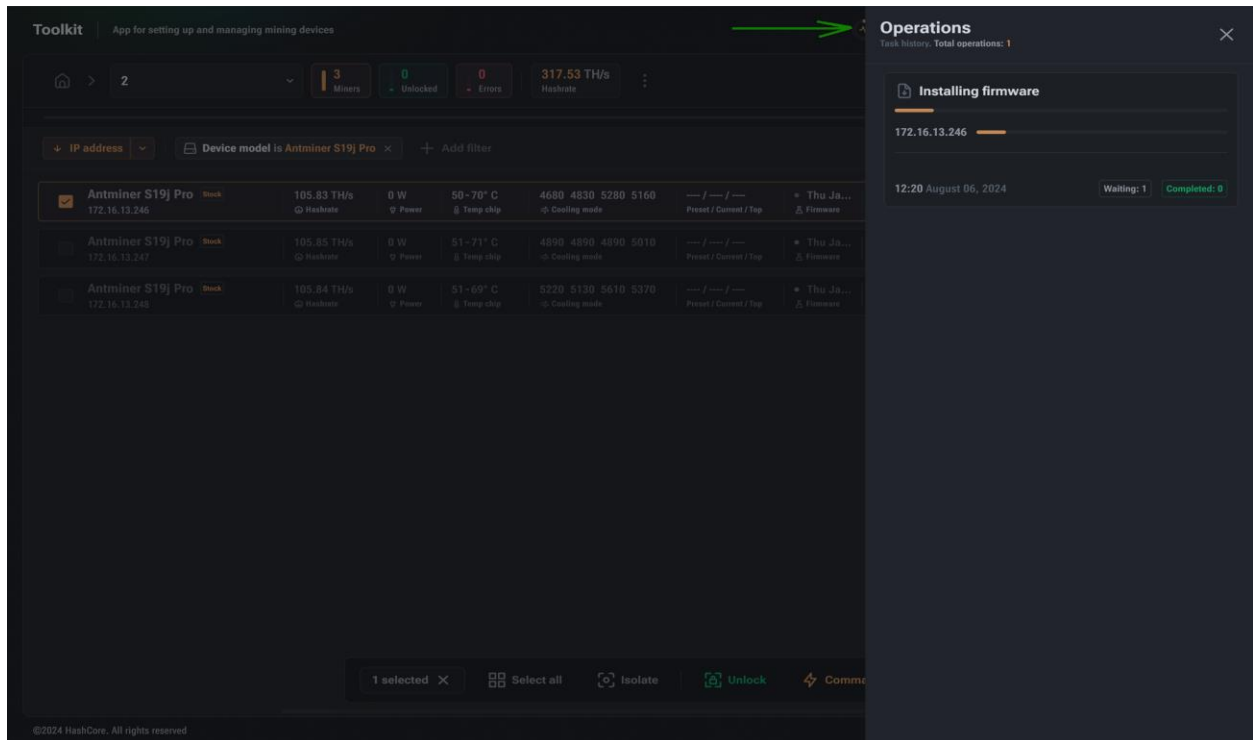
Number of threads 3
Number of threads for install firmware

SSH port 22
Number of threads for update firmware

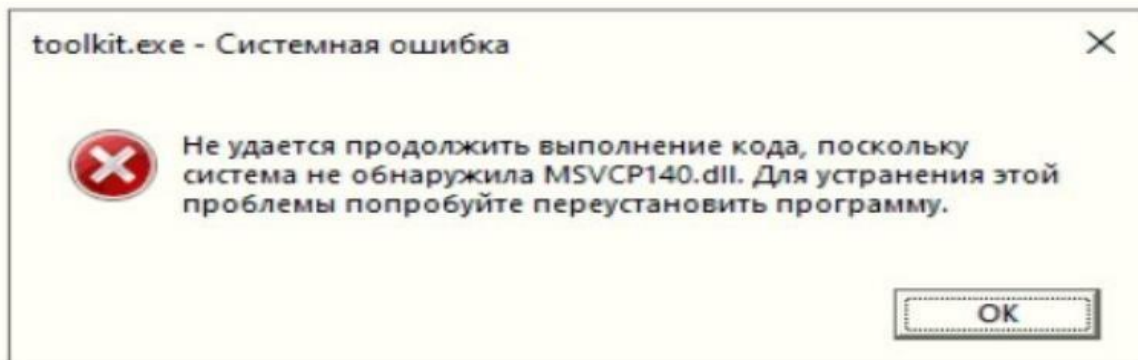
Miner model
Detect automatically

X Cancel **Install firmware**

9. In the "operations" section, you can view the result of the installation process, if any error was made, then the error decryption will be indicated



Note: if a library availability error occurs when opening the Toolkit:



You must install the latest supported versions of the Visual C++ Redistributable component

<https://www.techpowerup.com/download/visual-c-redistributable-runtime-package-all-in-one/>