Assignment of Multiple Public IP on One WAN Port (Two Network - WAN and LAN IP Pool) in NetXGATE NGFW

Will NetxGATE NGFW has support to assign Multiple Public IP to customer (s)? Or two Public IP Pools (/30 IP for WAN and a / 29 Pool of IP for LAN) given by the Provider which I need to assign to specific Users / Customer . How will I achieve the same in NetxGATE NGFW ?

Below example and the step by step procedure will help you to achieve the same.

Scenario
For example the Two Pools of Public IP given by ISP /Provider –

WAN IP Pool :
122.100.10.100/30
WAN Usable IP -122.100.10.102/29
Mask- 255.255.255.252   ; GW IP- 122.100.10.101

LAN IP Pool :
182.74.206.32/29
LAN Usable IP - 182.74.206.34 – 38 (/29)
Mask: 255.255.255.248   ; GW IP: 182.74.206.33

Step 1:

1: Login to NetXGATE Firewall, Click on **Configuration.**
2: Click on the **Network Settings** tab and choose the **WAN-1** port (In Our case).
3: Change the WAN Connection Type: Disable to **STATIC (Fixed IP)** .

4: Provide the **IP address** , **Subnet Mask** and **Default gateway** for your WAN (WAN IP Pool) in the required fields, provided by your ISP. i.e- 122.100.10.102/29

Step 2:

1. Under Network Settings -> LAN1
2. Provide with meaningful "Description " , it is optional .
3. Configure any Dummy Private IP under LAN "IP Address Field"
   In below Snap Shot ,192.168.220.5 /24 assigned to LAN1 Interface .

4. In same LAN-1 "Enable" Additional IP Address (IP Alias)
5. IP Alias List box will open
6. Add 182.74.206.33/255.255.255.248 (which is Gateway of LAN IP Pool given by provider / ISP)
7. Click "Save" and "Restart Service"
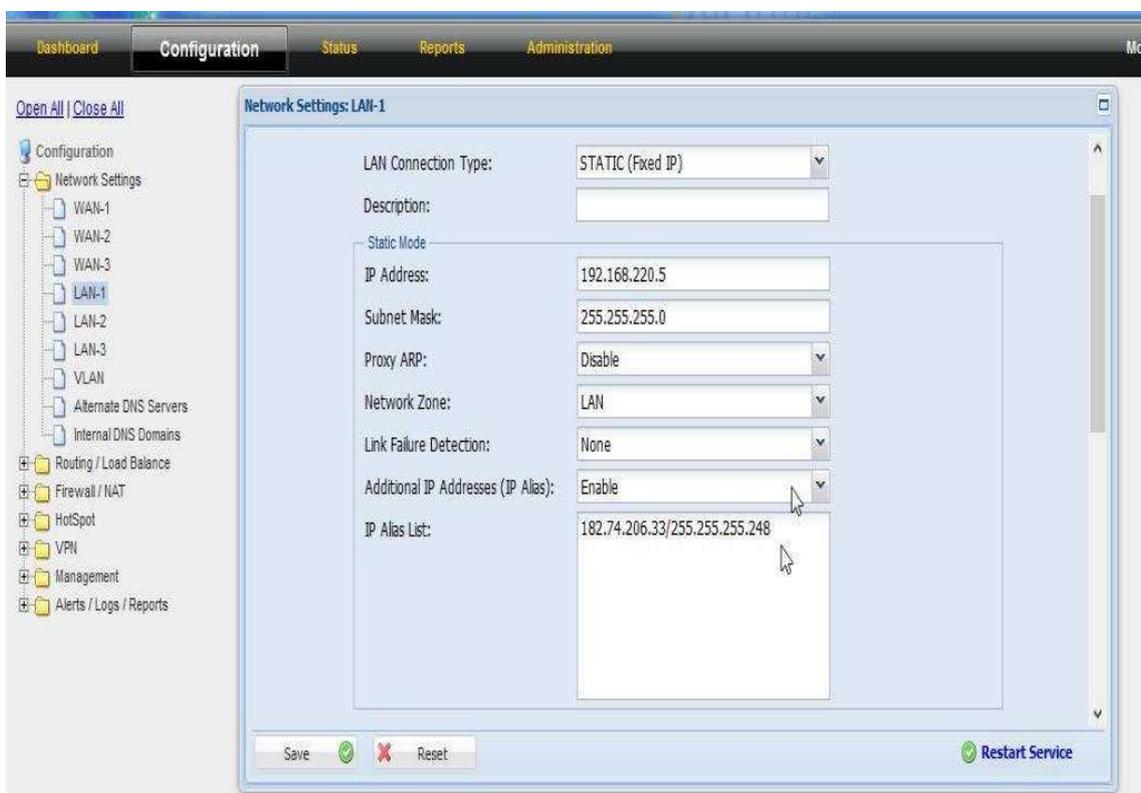
Step 3:

1. Click on Configuration > Firewall / NAT.
2. Choose Filter Rules.
3. Click on the existing First Rule and Click on "Add Before" on the top status bar.
4. Opens up the Add filter Rule Window.
5. Provide with meaningful "Rule Name" for ex: Public IP Pool-1.
6. Action: Accept | Protocol: All | Source Zone: WAN | Destination Zone: LAN.
7. In "Destination Qualifier" choose "Specify IP" for Destination Address.
8. Add 182.74.206.32/29 (182.74.206.32 is the Subnet ID).
9. Click "Save" & "Restart Service".
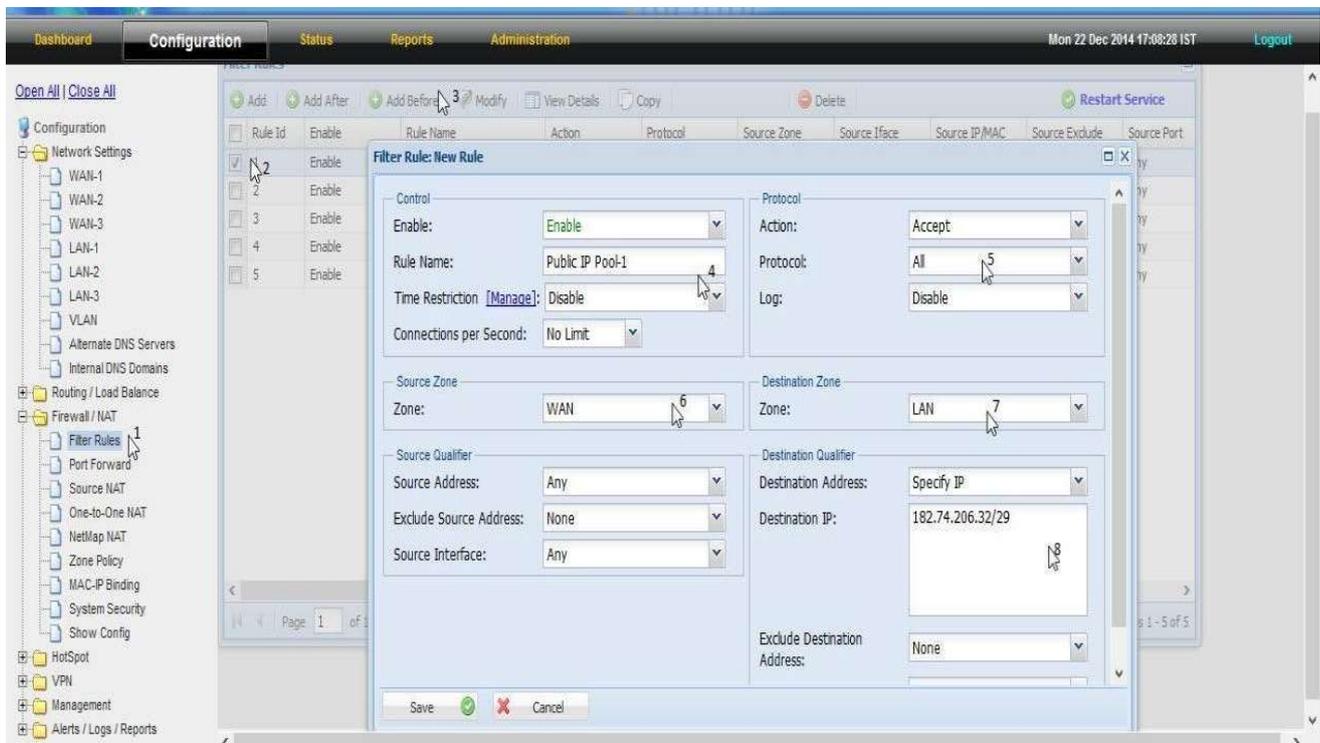
Step 4:

1. Again Click on Firewall / NAT.
2. Choose "Source NAT".
3. Click "ADD".
4. Source NAT add windows opens.
5. Rule Name give the same name you have given in Firewall rule. (just for easy debugging).
6. Action: Source NAT | Protocol: ALL | Interface: WAN-1 (ensure you are choosing the configured WAN interface, for example if you configure in WAN-1 then you need to choose WAN-1, if WAN-2 is configured then WAN-2 need to be chosen).
7. Source NAT : "No NAT".
8. Source Qualifier: chose "Specify IP" in Source Address.
9. In Source IP box, type 182.74.206.32/29   (Complete LAN IP Pool).

10.   Click "Save" & "Restart Service"
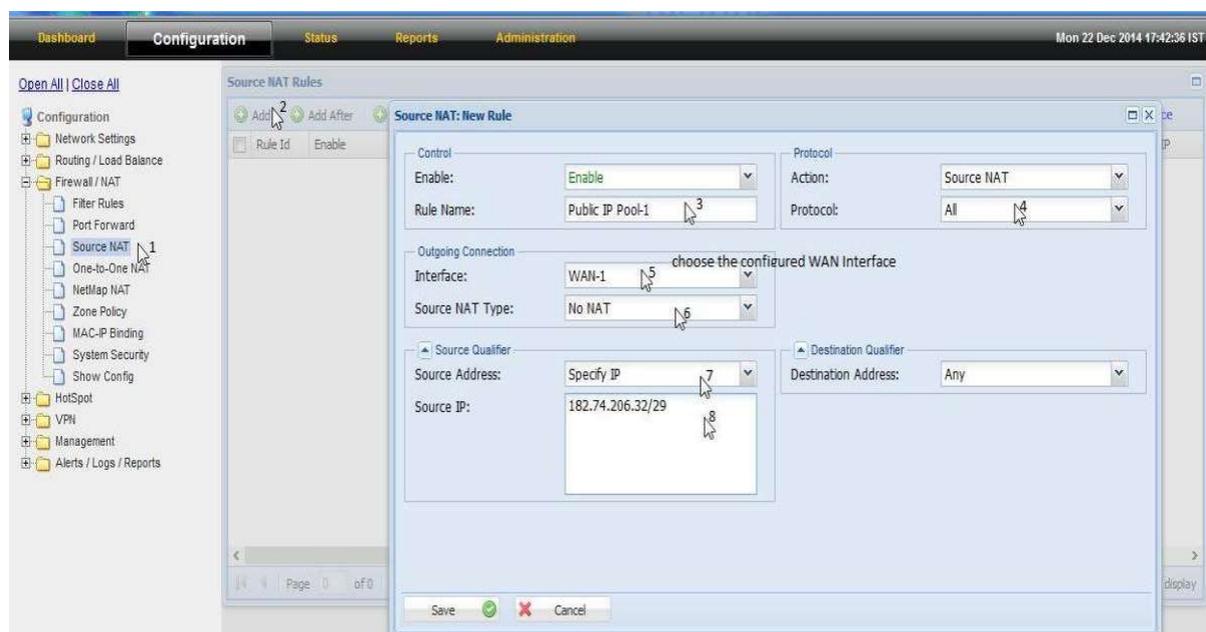
Step 5:

The required configuration is set to assign Public IP to users.

Simply assign Public IP (LAN IP Pools) to users system (i.e- 182.74.206.34- 182.74.206.38)

Note- Gateway will the IP, which assigned under LAN Additional IP Address (IP Alias) i.e 182.74.206.33

or

if using Hotspot Services or want to assign IP with User Name Password , follow below Step

1. Click "Hotspot" in Configurations
2. Click on "Postpaid Accounts"
3. Click "User Management"
4. Click "ADD" to create User
5. Provide the required information like " User ID" | "Password" |
6. Chose the "Usage Plan for the customer, from the list of Plans"
7. Chose the extended plan if the Plan chosen has FUP
8. Set the "Validity" as the purchase plan
9. Chose "Match IP Address" in "Login Control"
10. Type the Public IP you want to assign to customer a. For example: 182.74.206.34
11. Chose "Automatic" in the "Login Control"
12. Click "Apply"

Now the IP 182.74.206.34 is assigned to the created user.