EIA - Reuse & Changes to IPs. Changing WAN/LAN, FLAT/LAN

Frontier Wholesale

Jurisdiction: All

Revised Date: 6/24/2022

Reuse IP address

1. If customer is upgrading the Bandwidth base speed and needs to retain original IP Addresses
    a. If the base speed is changing from KQ (100M) to KR (1G) (First 2 positions of the NC code is changing.)
        i. Combo ACT = D and Combo ACT = N ACT Required (RPON together)
            1. Place instructions in the Remarks and HOTCUT in the Project Field on the Combo New Connect ASR

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ASR_REMARKS
Reuse existing IP address: 104.22933.177/28, CKT ID: 45/VLXP/99991//FTNC, 45/KRGN/99999//FTNC
Add any additional instructions in this section
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IP information can be found on the original New Connect PON per the below instructions.

From the ASR History Page, double click the PON to the left of Clarification Remarks. The PON is TEST in this example

This will take you to the ASR Response – Clarification Remarks Page
REMARKS
IP INFO: LAN IP: 104.229.33.177/28 WAN IP: 32.225.6.136/30 GATEWAY: 104.223.33.176 FTR: 32.223.4.137 CXR: 32.224.6.137

NOTE: An informational E-mail will be sent from HostmasterFrontiernet.net with the assigned IP address. It is not necessary to add this to the existing PON. All IP information will be sent on the informational C/NR.

Note: If the base speed is not changing then an ACT of C for the UNI and EVC can be issued. The IP addresses will be retained.

WAN/LAN Change

1. FLAT/LAN to WAN/LAN or WAN/LAN to FLAT/LAN
   a. Submit Stand Alone EVC ACT of C
   b. Change TOS field on UREF 01, LREF Section
   c. TOS of 000000 = WAN/LAN
   d. TOS of 111111 = FLAT/LAN
   e. Update Remarks: (Example) Change from WAN LAN to FLAT LAN

Example:

Change CIDR

1. Any changes to the CIDR can be done utilizing this section. A Stand Alone EVC will be used to make the change.
    a. Submit the electronic form called [EIA IP Change Request Form](#) which can be located on the Frontier Wholesale website.
    b. Once the electronic form has been submitted, the IP addresses will be sent back from a Frontier Sales Engineer
    c. Submit an ACT C Stand Alone EVC
    d. Place New IP address in the Remarks section of the PON
    e. If Retaining the IP addresses place existing IPs in the Remarks section of the PON

Change Log

Date	Page Number	Change
04/15/2021		Original Document
06/24/2022	4	Added Electronic EIA IP Change Request Form; deleted reference to template