



EIA - **Reuse & Changes to IP's. Changing** WAN/LAN, FLAT/LAN

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Frontier Wholesale

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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

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

IP information can be found on the original New Connect PON per the below instructions.

The screenshot shows a web browser window with the URL <http://info.frontier.com:13002/OrderControlSystem.do>. The page displays an ASR History table with columns for RECEIVER CODE, ACT, PON, OWNER, and DTSENT. A table of ASR entries is shown below, with the 'TEST' PON and 'Clarification Remarks' status highlighted by red boxes and arrows. The 'Clarification Remarks' section contains the following text:

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

RECEIVER CODE	ACT	PON	OWNER	DTSENT
TEST	01	SD	SN01	Completed
TEST	01	SD	SN01	Clarification Remarks
TEST	01	SD	SN01	Confirmed

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.



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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:

The screenshot displays two configuration sections for an Ethernet Virtual Connection (EVC). The top section, titled "ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [1] [Optional | Conditional]", shows fields for UREF (01), EI, AUNT, UACT (C), RPN, NCI (02VLN.UNT), EVCSP (TAMQFLHK08W), BUM_FD, RUID (45/KRGN/99999//FTNC), RL, EVCMPID, OTC, ASN, VPN_ACT, VPN_ID, and VPN_NM. The bottom section, titled "ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL [1] [Optional | Conditional]", shows fields for LREF (1), LOSACT (C), LOS (BASIC), SPEC, P_BIT, BDW, DSCP, TOS (000000), CIR_I, CBS_I, EIR_I, EBS_I, CMI_I, BCF_I, P_BITC_I, and P_BITC_E_PPCOS. Red boxes highlight the UREF 01 field in the top section and the LREF 1 and TOS 000000 fields in the bottom section.



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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 form called EIA Template: IP Request DIA all kinds /30 to /28 which can be located on the Frontier Wholesale website. If you would like to retain the existing IP addresses, please indicate when submitting the Template
 - b. Once the form has been submitted, the IP addresses will be sent back in an e-mail from the 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



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Change Log

Date	Page Number	Change
04/15/2021		Original Document

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