



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

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Frontier Wholesale

Jurisdiction: All

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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 the Frontier Order Controller interface. At the top, there are tabs for 'ORDER' and 'PREORDER'. Below this is a table with columns: RECEIVER CODE, ACT, PON, OWNER, and DTSENT. The table contains three rows of data, all with 'TEST' in the RECEIVER CODE column. The second row has 'Clarification Remarks' in the ACT column, which is highlighted with a red box. A red arrow points from the 'TEST' in the first column to the 'Clarification Remarks' in the second column. Below the table, there is a section titled 'REMARKS' with the following text: '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'. This text is also highlighted with a red box. A red arrow points from the 'Clarification Remarks' in the table to the 'REMARKS' section. At the bottom, there is a 'NOTE' section with red text: '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:

ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [1] [Optional Conditional]									
UREF	EI	AUNT	UACT	RPON	NCI				
01	--Select--	--Select--	C		02VLN.UNT				
EVCSP	BUM_FD	RUID	RL	EVCMPID					
TAMQFLHK0BW		45/KRGN/99999//FTNC	--Select--						
OTC	ASN	VPN_ACT	VPN_ID	VPN_NM					
		--Select--							

ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL [1] [Optional Conditional]									
LREF	LOSACT	LOS	SPEC	P_BIT	BDW	DSCP	TOS	CIR_I	
1	C	BASIC					000000		
CBS_I	EIR_I	EBS_I	CMI_I	BCF_I	P_BITC_I	P_BITC_E	PPCOS		
			--Select--	--Select--					



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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 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



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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

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