EVC Repoint
OR
EVC Bandwidth Upgrade
Activity of C

Contents

Carrier Services

Jurisdiction: FV03
Effective Date: 05/01/2020
Revised Date:

![ziply fiber logo]

Special Rules for using Multiple Class of Service EVC NCI codes

When using Multiple Class of Service EVC NCI codes, all EVC NCI codes must be Multiple Class of Service or the traffic will not pass over the EVC.

- If requesting Multiple Class of Service then all EVC NCI codes must be 02VLN.VP and all UNI's must have been ordered as VLAN Based UNI's.

- If one of the UNI's are Port Based and the other is VLAN Based, then the customer cannot use 02VLN.VP. They must use a Port Based EVC NCI for the Port Base UNI RUID and a different VLAN Based EVC NCI for the VLAN Based UNI.

EVC NCI Code Defined – 02VLN.VP supports PORT + CE-VLAN + PBIT MAP (This EVC/OVC accepts only tagged frames with a specific CE-VLAN ID and ALSO supports Multiple Classes of Service distinguished via Pbit)

Bandwidth Upgrade

EVC Form

ETHERNET VIRTUAL CONNECTION [Required]

EVCNUM	NC	EVCID	NUT	SVP	MSFS	CEV_P	CEV_CP	EVCCKR
0001	VLP-	81/VLXP/000999//GTEW	02	--Select--		--Select--	--Select--	

EPS

EVC FORM ETHERNET VIRTUAL CONNECTION	
FIELD	**ENTRY**
EVCNUM	0001
NC	VLP-
EVCID	EVC ID
NUT	02
EVCCKR	Optional

UREF 01

ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [1] [Optional | Conditional]

UREF	EI	AUNT	UACT	RPON	NCI
01	--Select--	--Select--	C		02VLN.VP

EVCSP	BUM_FD	RUID	RL	EVCMPID
SNBRCAXH02W		81/KFGS/500042//GTEW/	--Select--	

OTC	ASN	VPN_ACT	VPN_ID	VPN_NM
		--Select--		

EVC FORM – ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [1]	
FIELD	**ENTRY**
UREF - 01	01
UACT	C
NCI	**NCI of RUID** **VLAN Based:** 02VLN.V, 02VLN.VP, 02VLN.VST **PORT Based:** 02VLN.A2 and 02VLN.UNT
EVCSP	11 character CLLI Code
RUID -1	Existing RUID that is requesting the Bandwidth upgrade

EVC Form (Continued)
LREF 1 for UREF 01

ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL [Optional | Conditional]   Add : Copy : 1

LREF	LOSACT	LOS	SPEC	P_BIT	BDW	DSCP	TOS	CIR_I
1	C	BASIC			10M			

CBS_I	EIR_I	EBS_I	CMI_I	BCF_I	P_BITC_I	P_BITC_E
			--Select--	--Select--		

EVC FORM – ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL	
FIELD	**ENTRY**
LREF – 1	1
LOSACT	C
LOS	Enter existing product specific code (Populate only if not using SPEC field)
SPEC	Enter existing product specific code (Populate only if not using LOS field)
BDW	Enter New Bandwidth value for the upgrade

UREF 02

ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [1] [Optional | Conditional]

UREF	EI	AUNT	UACT	RPON	NCI
02	--Select--	--Select--	C		02VLN.V

EVCSP	BUM_FD	RUID	RL	EVCMPID
SNBRCAXH02W		81/SXGS/500907//GTEW	--Select--	

OTC	ASN	VPN_ACT	VPN_ID	VPN_NM
		--Select--		

EVC FORM – ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [2]	
FIELD	**ENTRY**
UREF -02	02 (Will be prepopulated)
UACT	C
NCI	**NCI of RUID** **VLAN Based:** 02VLN.V, 02VLN.VP, 02VLN.VST **PORT Based:** 02VLN.A2 and 02VLN.UNT
EVCSP	11 character CLLI Code
RUID	Existing RUID that is requesting the Bandwidth upgrade

LREF 1 for UREF 02

ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL [Optional | Conditional]

LREF	LOSACT	LOS	SPEC	P_BIT	BDW	DSCP	TOS	CIR_I
1	C	BASIC			10M			

CBS_I	EIR_I	EBS_I	CMI_I	BCF_I	P_BITC_I	P_BITC_E
			--Select--	--Select--		

EVC FORM – ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL	
FIELD	**ENTRY**
LREF - 01	1
LOSACT	C
LOS	Enter existing product specific code (Populate only if not using SPEC field)
SPEC	Enter existing product specific code (Populate only if not using LOS field)
BDW	Enter New Bandwidth value for the upgrade

Repoint of an EVC (Changing from one UNI/NNI to a different UNI/NNI)

EVC Form

EVC FORM ETHERNET VIRTUAL CONNECTION

FIELD	ENTRY	
EVCNUM	0001	
NC	VLP-	
EVCID	Existing EVC ID	
NUT	03	
EVCCKR	Optional - customer format	

UREF 01

EVC FORM – ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [1]

FIELD	ENTRY
UREF - 01	01
UACT	C
NCI	**NCI of RUID** **VLAN Based:** 02VLN.V, 02VLN.VP, 02VLN.VST **PORT Based:** 02VLN.A2 and 02VLN.UNT
EVCSP	11 character CLLI Code
RUID -1	Enter Existing RUID that is not changing

LREF 1 for UREF 01

EVC FORM – ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL

FIELD	ENTRY
LREF – 1	1
LOSACT	C
LOS	Enter existing product specific code (Populate only if not using SPEC field)
SPEC	Enter existing product specific code (Populate only if not using LOS field)
BDW	Enter existing Bandwidth value

![Ziply Fiber logo]

EVC Form (Continued)

UREF 02 (LREF is not required for this UREF because UACT = D)

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ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [ 2 ] [Optional | Conditional]

UREF    EI              AUNT            UACT        RPON            NCI
02      --Select--      --Select--      D                           02VLN.V

EVCSP       BUM_FD  RUID                        RL              EVCMPID
SNBRCAXH02W         81/SXGS/500907//GTEW   ×    --Select--

OTC     ASN     VPN_ACT         VPN_ID      VPN_NM
                --Select--
```

EVC FORM – ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [2]	
FIELD	ENTRY
UREF - 02	02
UACT	D
NCI	**NCI of RUID** **VLAN Based:** 02VLN.V, 02VLN.VP, 02VLN.VST **PORT Based:** 02VLN.A2 and 02VLN.UNT
EVCSP	11 character CLLI Code
RUID	Enter existing UNI/NNI RUID being removed from the EVC

UREF 03

```
ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [ 2 ] [Optional | Conditional]

UREF    EI              AUNT            UACT        RPON            NCI
03      --Select--      --Select--      N                           02VLN.V

EVCSP       BUM_FD  RUID                        RL              EVCMPID
SNBRCAXH02W         81/SXGS/90000//GTEW         --Select--

OTC     ASN     VPN_ACT         VPN_ID      VPN_NM
                --Select--
```

EVC FORM – ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [2]	
FIELD	ENTRY
UREF - 03	03
UACT	N
NCI	**NCI of RUID** **VLAN Based:** 02VLN.V, 02VLN.VP, 02VLN.VST **PORT Based:** 02VLN.A2 and 02VLN.UNT
RUID	Enter New UNI/NNI RUID being established on the EVC

EVC Form (Continued)
LREF 1 for UREF 03

```
ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL [Optional | Conditional]

LREF  LOSACT    LOS         SPEC      P_BIT     BDW     DSCP      TOS       CIR_I
1     N         BASIC                           10M

CBS_I     EIR_I     EBS_I     CMI_I          BCF_I          P_BITC_I  P_BITC_E
                              --Select--     --Select--
```

EVC FORM – ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL

FIELD	ENTRY
LREF – 1	1
LOSACT	N
LOS	Enter existing product specific code value from previous UNI/NNI being removed (Populate only if not using SPEC field)
SPEC	Enter existing product specific code value from previous UNI/NNI(Populate only if not using LOS field)
BDW	Enter existing Bandwidth value from previous UNI/NNI being removed from the EVC

FIELD	ENTRY
LREF – 1	1
LOSACT	N

Required Fields for ASR Form

The following fields are required on a Repoint and a Bandwidth Upgrade

ASR FORM - ADMINISTRATIVE	
FIELD	ENTRY
CCNA	Customers CCNA
PON	Customers PON
REQTYP	SD
ACT	C
EXP	Populate if Expedite is requested based on contract agreements
RTR	F - Send FOC only S - Send FOC and DLR; CDLRD Waived N -No response required
EVCI	A (Will be prepopulated on PON when choosing Stand Alone EVC Service)
PIU	100
BAN	E, N or Fully Populated BAN
QTY	1
BILLING	
FIELD	ENTRY
ACNA	Access Customer Name Abbreviation
VTA	Populate based on contract agreements
PNUM	Enter Product Specific Code
CONTACT	
FIELD	ENTRY
INIT	Example: Jane Smith
INITIATOR TEL	Example: 9999999999
INIT EMAIL	Example: Jane.Smith@abc.com
DSGCON	Example: Jane Smith
DSGCON TEL	Example: 9999999999
IMPCON	Example: Jane Smith
IMPCON TEL	Example: Jane Smith

Change Log

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