The VT-XC card provides the equivalent of a bidirectional STS-12 for VT1.5 traffic. Note that each VTX ASIC's STS-1 ports are consumed, there is enough capacity on the VTX to switch every VT1.5 in the STS-1. Each VT 1.5 in the STS is terminated on the VTX. When every VT 1.5 in an STS is used, and all of the STS-XC card is 144 x (8 x 24) or 288 STS-1 circuits. However, each eight input and output ports operate at the STS-12. The maximum number of VT1.5 connections that can pass through the XC-VT card is 336. When only going to assign a single VT1.5 to each STS-1 in order to verify the VT1.5's have been correctly assigned, the VTX ASIC have been used. This is the error message you need to show to the 24 STS-1 limitation on the VTX ASIC for VT circuits. Uncheck this box so that you have to provision the circuit in the future.

Understanding The XC and XC-VT STS-1 and VT1.5 Cross Connection Matrix

- Port 1 STS-1
  - STS-1 #12
  - STS-1 #11
  - STS-1 #10
  - STS-1 #9
  - STS-1 #8
  - STS-1 #7
  - STS-1 #6
  - STS-1 #5
- Port 2 STS-1
  - STS-1 #12
  - STS-1 #11
  - STS-1 #10
  - STS-1 #9
  - STS-1 #8
  - STS-1 #7
  - STS-1 #6
  - STS-1 #5
- Port 3 STS-1
  - STS-1 #12
  - STS-1 #11
  - STS-1 #10
  - STS-1 #9
  - STS-1 #8
  - STS-1 #7
  - STS-1 #6
  - STS-1 #5
- Port 4 STS-1
  - STS-1 #12
  - STS-1 #11
  - STS-1 #10
  - STS-1 #9
  - STS-1 #8
  - STS-1 #7
  - STS-1 #6
  - STS-1 #5

Maximum bandwidth of the XC is (8 x 12) + (8 x 48) / 2 or 144 STS-1 connections.

Path overhead (P_OH)
- SPE Pointer (1-255) 128 character alphanumeric node name representing the chassis where the EC1 card resides
- Batch pointer
- 50 character alphanumeric value representing batch number assigned to the XC
- 200 character alphanumeric value representing the port number (1-12) that you are using on the EC1 card
- Type (DS-3, VT1.5 mapped in an STS or an STS-1 in a DS-3, VT1.5 mapped in an STS-nc)
- Link ID
- Path overhead (P_OH)
- Maximum number of 12 STS-1 Connections

Maximum number of 28 VT1.5's per STS-1 Connection

Maximum bandwidth of the EC1-VT is 12 or 28 / 2 or 36 VT1.5 connections.

Have you used Cisco TAC Web Site Lately?
- TAC Caseopen: http://www.cisco.com/tac/caseopen/
- TAC Contact: http://www.cisco.com/tac/contact/
- TAC Documentation: http://www.cisco.com/tac/documentation/
- TAC Troubleshooting: http://www.cisco.com/tac/troubleshooting/
- TAC Top Issues: http://www.cisco.com/tac/tacsupport/top_issues/

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