# vCD-NI Pool now must have a VLAN Added (Engineering Update)

Few days back I was setting up my vCloud Lab and got to see a weird thing (sorry to say this).

I have one vDS which has four normal vSphere Port Group (VM Net, iSCSI1/2, FT/vMotion). This is backed by two 10Gb NIC from 8 hosts connected to this switch.

Now I have created an external network which is pointed to the existing VM Net PG in the switch. After that when I am trying to create a vCD-NI backed Pool it is complaining at the last step and that is "This Network Pool mush have a valid VLAN ID because there already exists a network on the same vNetwork Distributed Switch that uses no VLAN".
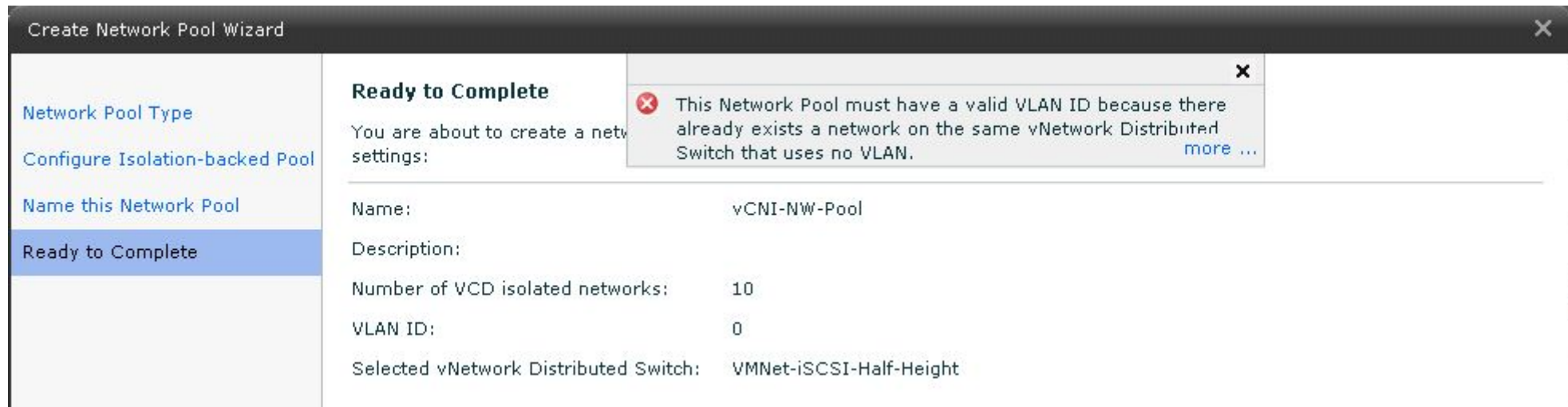
This is really weird. I did not get anything like that in v1.0. I still believe that VLAN ID is optional. But to my surprise now it is not optional, but again a GUI vague. It showed not mandatory.

Thanks to Chris Colotti (http://www.chriscolotti.us) and Kenny aka Kendrick Coleman (http://www.kendrickcoleman.com) who confirmed my doubt.

From 1.0 to 1.5 VMware did add VLAN ID validation to the product. Therefore you MUST supply a VLAN ID number on the VCD-NI setup now IF you already have untagged traffic in use. I was correct that the 1.0 did not care, however this also meant many people had VCD-NI and other system traffic on the untagged ports which really is not the best idea. VMware asked the engineering team to add this validation so we can ensure we get VCD-NI traffic on its own VLAN similar to VMotion.

So that means if you don't have any PG in that switch then VLAN 0 (without any VLAN ID specified) will go through. But next time when you create a pool, it will not allow you to move forward.

Hope this helps. I am all ears.