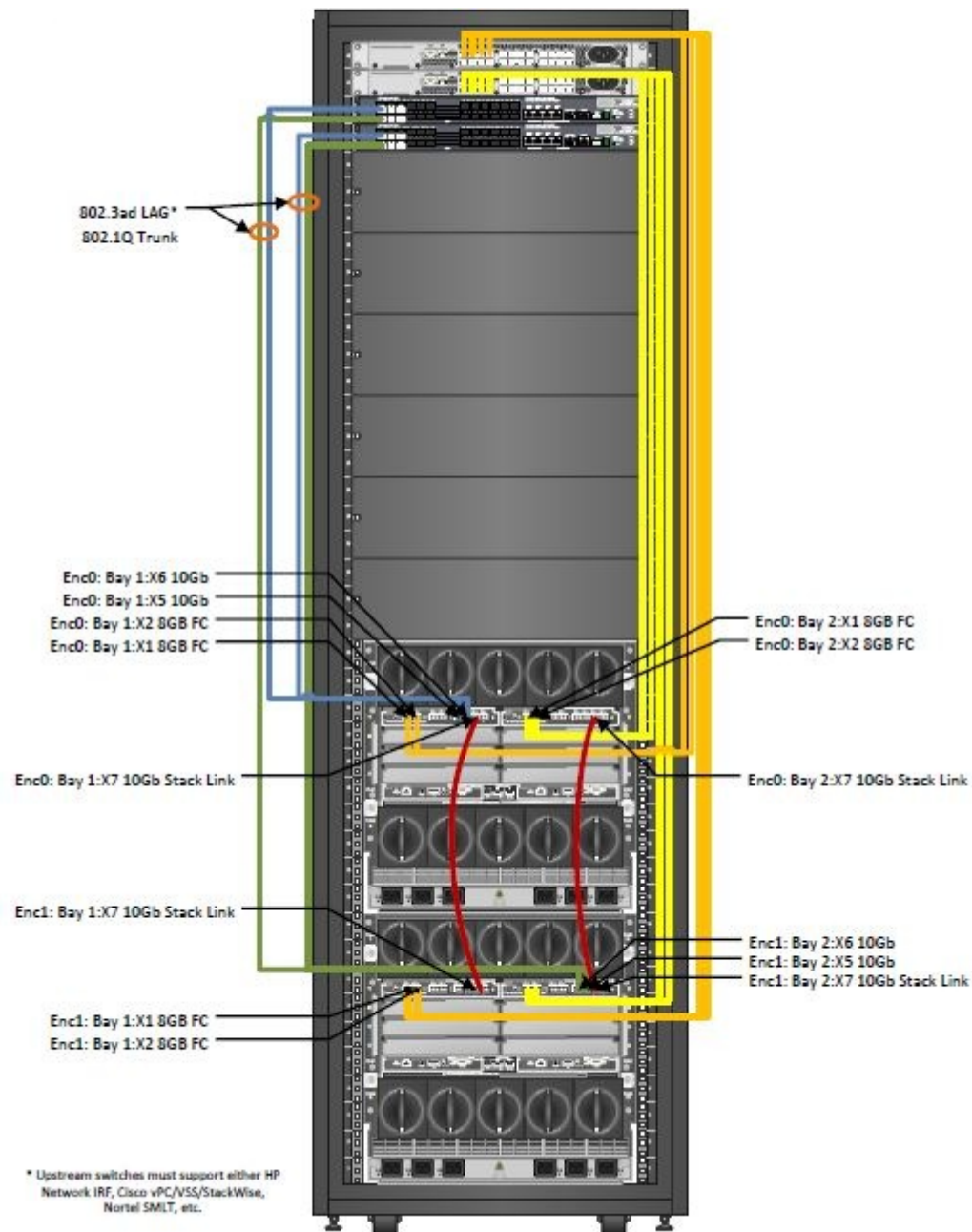


Mythbuster – Stacking Multi-Enclosure VC Domain does not give you Highly Available VCM

Some things never change, or do they? If you are not up to speed, you will probably manage your environment based on old and inaccurate information. Here is one of them.



If you have two C7000 enclosure stacked like the design above then your uplinks should come from Enclosure 1 Bay 1 and Enclosure 2 Bay 2. But your first enclosure (which is here in left hand side) will have your VCM running.

This configuration provides no place for VCM to migrate when you shut off power for maintenance purposes on the 1st enclosure.

But, how can we change VCM to perform force fail-over **between** enclosures.

The answer to this is, only the 2 upper-most modules in the first enclosure (where the domain was created) can run VCM. You cannot fail over VCM to modules in another enclosure. If that enclosure is powered off for whatever reason, you will lose the ability to manage the configuration. The servers however will retain connectivity assuming your VC networks have uplinks in the other enclosures. You will need to restore the first enclosure before you can access VCM again.

We have seen this as Myth that, VCM will fail over to the other enclosure in case of a disaster or maintenance if you are running in a Multi-Enclosure stacking scenario. But, the answer is no it is not. VCM does not have any HA functionality in built.

HP, are you listening to this.