Holo-Setup-Host-Prep

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Configuration of the VMware ESXi Host

Overview

Prior to deploying a Holodeck environment, the VMware ESXi server hosting the environment needs to be prepared. This involves configuring the host networking to be suitable for the pod deployment.

Prerequisites

Completion of the tasks in this section will require:

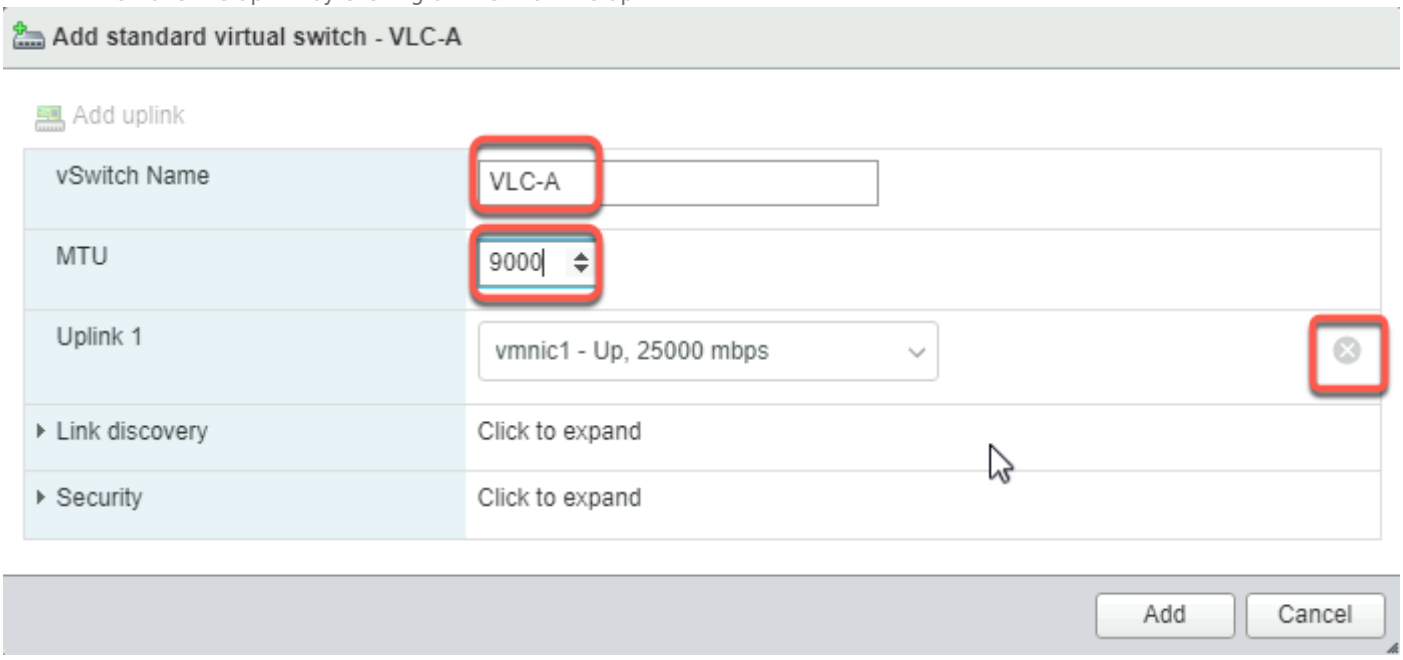
- A ESXi server meeting or exceeded the minimum resource requirements
- A supported web browser to access the vSphere UI

Task 1: ESXi Host Networking Configuration

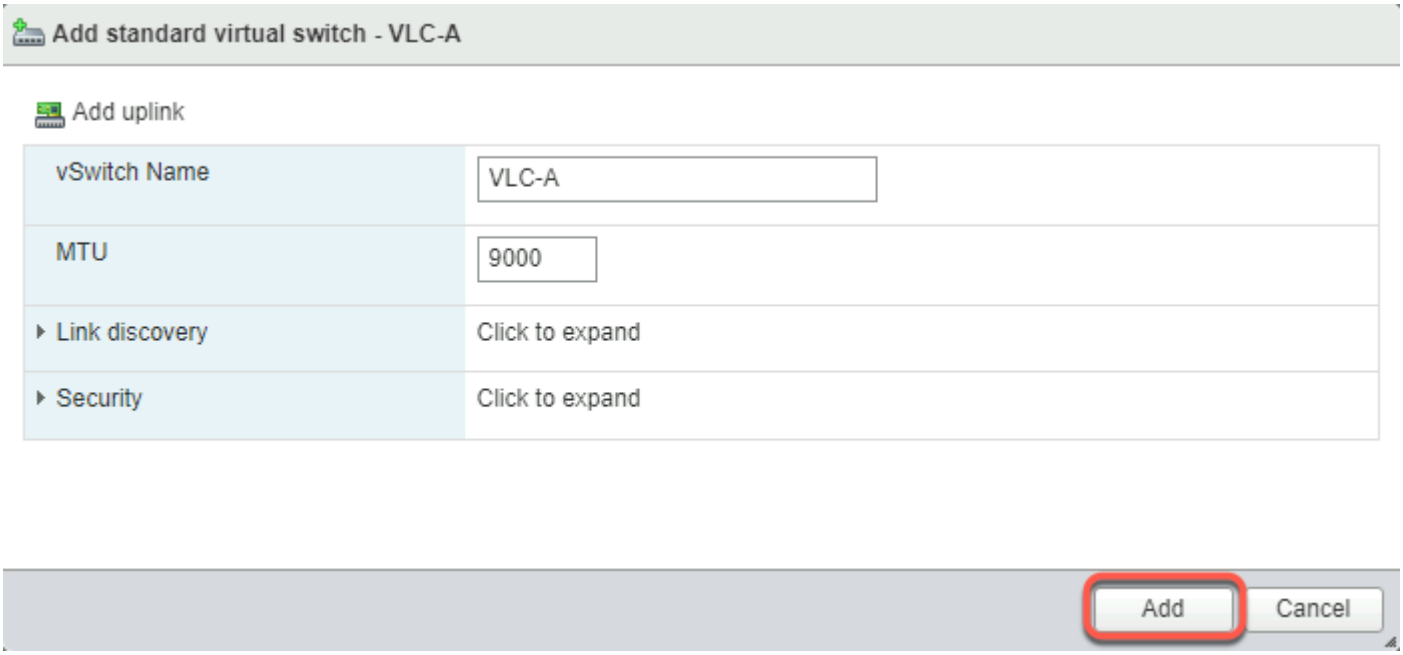
Each Holodeck pod requires a unique vSphere Standard Switch and a corresponding Port Group per site. This task describes the process for configuring a vSwitch called *VLC-A* and a port group called *VLC-A-PG*, which would typically be used for the Site-1 configuration within the pod, and vSwitch VLC-A2 with port group VLC-A2-PG for Site-2. NOTE: *Adding the second switch and port group for Site-2 is recommended even if you do not initially deploy the second site within the pod.*

[Step 1] Configure vSphere Standard Switches for Nested Networking

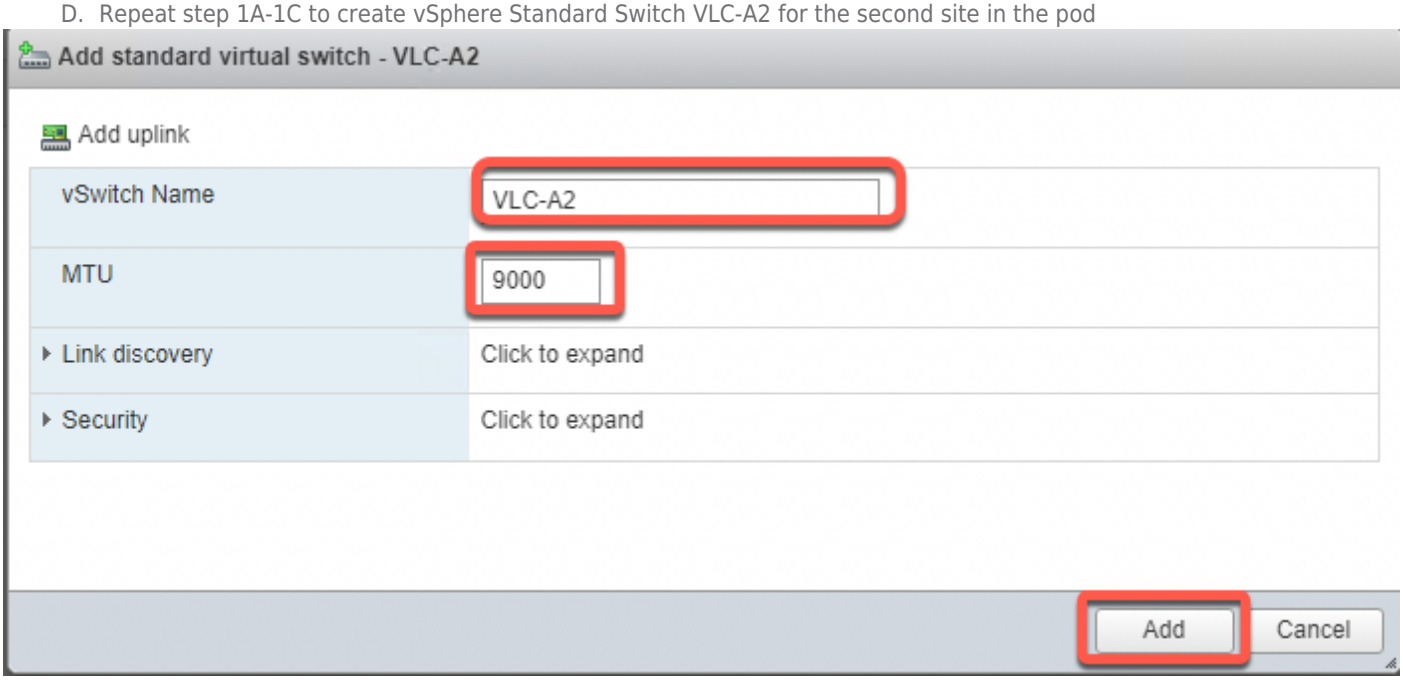
A. Create a standard switch called *VLC-A* and MTU **9000**.
B. Remove the uplink by clicking on the ***X*** on the uplink.



C. Verify the settings and click ***Add***

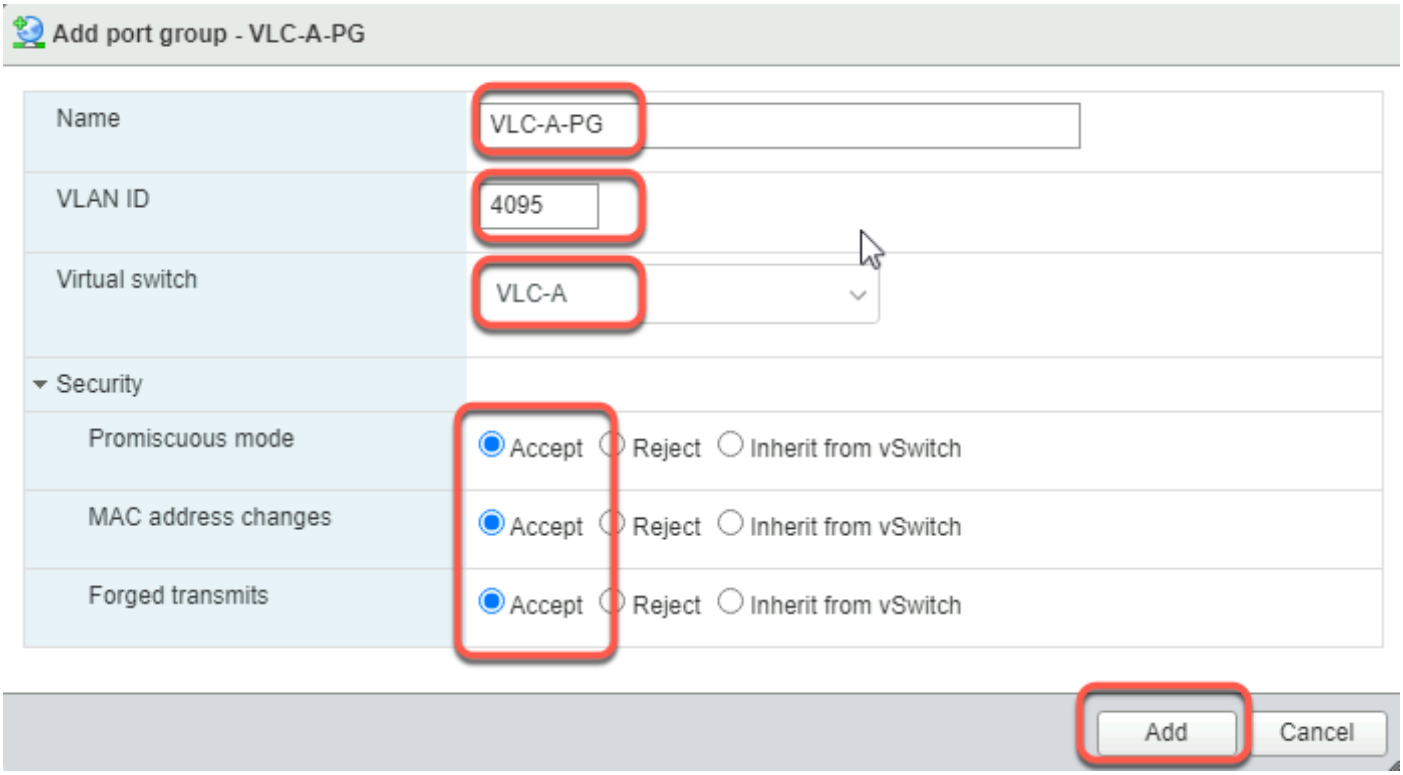


D. Repeat step 1A-1C to create vSphere Standard Switch VLC-A2 for the second site in the pod



[Step 2] Configure VLC Port Groups

A. Add a new Port Group
B. Name the Port Group *VLC-A-PG*
C. Set VLAN ID to *4095*
D. Set virtual switch to VLC-A
E. Open security and set all to accept
F. Click ***Add***



G. Repeat step 2A-2F for Port Group VLC-A2-PG on Virtual Switch VLC-A2 to support future addition of Site 2 to this pod