

VMware: CPU affinity and Memory reservation support: Is This statement is true for all UC&C applications ? (UCCE included ?) "All applications require a 1:1 mapping of VM vCPU cores to physical CPU cores. Cisco Unity VMs also require VMware CPU Affinity. " It seems to be opposite to these informations: "VM CPU affinity is not supported. You don't need to set CPU affinity for the VMs that are running Unified CCE applications on the VMware ESXi on UCS platform" => http://docwiki.cisco.com/wiki/Virtualization_for_Unified_CCE And also this page: "VM CPU affinity is not supported. You do not need to set CPU affinity for the VMs that are running Unified CVP applications on the VMware ESXi on UCS platform" => http://docwiki.cisco.com/wiki/Unified_Customer_Voice_Portal I am also pretty sure that I read that latest ova/ovf will include cpu affinity and memory affinity. Can you please confirm the support of CPU affinity and memory reservation for UCCE/CUCVP. Thanks. Lotfi AMARI.

Cisco Configuration Tool (need link here)

Where is the link to Cisco Configuration Tool?

All VMs require a one to one mapping between virtual hardware and physical hardware - is this correct

Under the No Hardware Oversubscription section with regards to CPU it states *CPU reservations on the VMs are not required, allowed or supported. Use of CPU reservations in lieu of one-vcpu-to-one-physical-CPU-core mapping is not supported. Even if some of the virtual machines have a reservation, the above one-to-one vCPU to physical core rule still applies ? it overrides the reservation. For example, if you have a host with a total of 4 physical cores, and you want to run the CUCM 2500 user OVA (which has 800 MHz reservation and requires 1 vCPU) along with other virtual machines, you still must deploy the VMs with a one to one mapping of vCPU to physical core. If you do not follow this rule, your deployment is unsupported.* However in the Cisco-HCS-Compatibility-Matrix [1] it clearly states *CPU oversubscription is only allowed for specific VMs where reservations are identified within the Compatibility Matrix for Cisco Hosted Collaboration Solution. Otherwise all VMs must map 1 VM vCPU core to 1 physical CPU core.* and that the CUCM 2500 user OVA 1x800 MHz is highlighted as CPU oversubscription being allowed.