How to change a vnet and subnet of a vm.

Created a vm is a vnet and subnet but that address space is overlapping to peering with another address spaces.

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Solution – want to change the vm to a different address space so that safely the vm peering can be done and vm application data will remain same.

One simplest way to that is take the snapshot for the vm os disk and create new vm.

But, if we want to proceed with the existing vm then we need to follow below steps.

1. Directly changing vnet for the vm is never ever possible, because the vm will have dependency with it’s associated networking resource such as NIC, NSG, ip etc..

1. First step to do it is create a different address space in vnet.

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1. In the next step we need to stop the vm for which we want to change the subnet and address space.

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1. Once the vm goes to stop state detach the existing NIC and associate new NIC,

Note- to detah the existing NIC first we need to attach secondary (other) NIC.

Create the new NIC by choosing correct VNET and correct address space subnet (where to move the resource)

Once done detach the existing NIC.

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1. Go to vm nic and attach public IP.

Attach or create NSG for the VM.

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1. Cleanup old NIC and NSG.

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1. Now start the vm. If the agent is down the restart the vm.
2. Now delete overlapping address space from vnet.

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Note- if the configuration failed.

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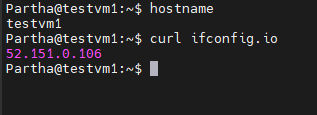
This is due to subnet mau be present on old vnet check and delete the old associated subnet first or can change the address space.

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Retry, it must get successfully done.

1. Connect with vm and test.



1. Now re try the peering.

Choose both side peering.

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Or in alternative way we can change the address space of a vnet by removing it’d subnet and all of the dependency on that subnet.