



# Affinity and Anti-Affinity Rules on VMware vCloud Director

---

- [Affinity and Anti-Affinity Rules on VMware vCloud Director, on page 1](#)

## Affinity and Anti-Affinity Rules on VMware vCloud Director

ESC supports affinity and anti-affinity placement policy for vCD. However, it does not support zone-host placement policy.

The affinity and anti-affinity implementation in ESC depends on the affinity rule (VM-VM affinity rule in vSphere) in the vCloud Director. The example below shows affinity and anti-affinity rules in the vCD VNF deployment datamodel.

```
<deployments>
  <deployment>
    <!-- vApp instance name -->
    <name>dl</name>
    <policies>
      <placement_group>
        <name>dl-placement-affinity-1</name>
        <type>affinity</type>
        <enforcement>strict</enforcement>
        <vm_group>g1</vm_group>
        <vm_group>g2</vm_group>
      </placement_group>
    </policies>
    .....
  </deployment>
</deployments>
```

For vCD deployment, see [Deploying Virtual Network Functions on VMware vCloud Director \(vCD\)](#).

