



## How to add a compute node into a VDS-enabled HCI cluster when Easy Scale fails with an EVC error

[https://kb-stage.netapp.com/Legacy/NetApp\\_HCI/Operating\\_System/How\\_to\\_add\\_a\\_compute\\_node\\_i...](https://kb-stage.netapp.com/Legacy/NetApp_HCI/Operating_System/How_to_add_a_compute_node_i...)

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### Applies to

- HCI 1.6
- HCI 1.7
- EVC enabled in ESX
- CVE-2018-3646 vulnerabilities have been patched on nodes in the cluster
- VDS in use on the ESX cluster

## Description

When attempting to add a net-new or replacement compute node into an HCI cluster, the Easy Scale function of the NetApp Deployment Engine (NDE) fails to add the node and generates the error below:

```
Error Statement: {'task_id': 'task:14', 'error':  
'(vim.fault.EVCAdmissionFailedCPUModelForMode) {\n dynamicType = <unset>,\n dynamicProperty = (vmodl.DynamicProperty) [],\n msg = "The host\'s CPU hardware  
does not support the cluster\'s current Enhanced vMotion Compatibility mode.  
The host CPU lacks features required by that mode."}
```