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Associate Virtual Machines with a Single NUMA Node Using CPU Affinity

You might be able to improve the performance of the applications on a virtual machine by associating it to the CPU numbers on a single NUMA node (manual CPU affinity).

Procedure

- 1 Using a vSphere Client, right-click a virtual machine and select **Edit Settings**.
- 2 In the Virtual Machine Properties dialog box, select the **Resources** tab and select **Advanced CPU**.
- 3 In the Scheduling Affinity panel, set CPU affinity for different NUMA nodes.

Note

You must manually select the boxes for all processors in the NUMA node. CPU affinity is specified on a per-processor, not on a per-node, basis.

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