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## **NVMe hotplug**

As i get some questions about it in recent times: With a normal SATA/SAS disk you can simply unplug a disk without warning and preparation. NVMe are different. For all practical purposes they are PCI devices. And they want to be handled as such. Unplugging a NVMe drive without using the proper procedure is pretty much like yanking out a PCI card without preparation. So when you want to remove a NVMe disk you have to use the hotplug command in Solaris. To cite the documentation: # hotplug list -lc Connection State Description Path \_\_\_\_\_ pcie13 ENABLED PCIe-Native /pci@7a,0/pci8086,2f08@3/pci111d,80b5@4 # hotplug poweroff pcie13 # hotplug list -lc Connection State Description Path PRESENT PCIe-Native /pci@7a,0/pci8086,2f08@3/pci111d,80b5@4 pcie13 On a Oracle server a "OK to remove" light will turn on. Now it should appear as empty. # hotplug list -lc Connection State Description Path ----pcie13 EMPTY PCIe-Native /pci@7a,0/pci8086,2f08@3/pci111d,80b5@4 For replacement, wait 10 seconds after removal. Then insert the new NVMe drive. You have to enable it before using it. #hotplug enable pcie13 # hotplug list -lc Connection State Description Path \_\_\_\_\_ Enabled PCIe-Native /pci@7a,0/pci8086,2f08@3/pci111d,80b5@4 pcie13

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