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PCI liveupdate subsystem and PCI device

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Live Updating GPU device is a big usage case for the Hypervisor liveupdate project.

The PCI liveupdate subsystem is built on top of the Live Update Orchestrator to manage the PCI device and its depended device for the livedupate.

The PCI device probing needs heavily modification to embrace the device livedupate. The device is already running and have device state left by the previous kernel. The device shouldn't be changed by re-initialization of the device probing in a way that break the device running state.

It is a hard problem.

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