NVIDIA Multi Instance GPU(MIG) on Openstack

NVidia MIG(Multi Instance GPU) GPU 1 core

GPU . GPU
vGPU

vGPU GPU MIG GPU .

: https://www.nvidia.com/ko-kr/technologies/multi-instance-gpu/

MIG

MIG Zed . Zed
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- https://www.openstack.org/software/zed/
- https://releases.openstack.org/zed/highlights.html

MIG Openstack vGPU
Passthrough MIG
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Zed

- https://releases.openstack.org/zed/highlights.html
- https://docs.openstack.org/nova/latest/admin/virtual-gpu.html
- https://humanz.moe/posts/setup-vGPU-on-openstack-v2/

- https://review.opendev.org/c/openstack/cyborg/+/769482/
- https://docs.openstack.org/cyborg/zed/configuration/config-options.html#gpu-devices
- https://forums.developer.nvidia.com/t/mig-with-kvm-vm/190431
- https://lists.openstack.org/pipermail/openstack-discuss/2021-June/023077.html