

IBM SAN Volume Controller allocates `provisioning_group_id`, which is an identifier for the provisioning group that is affiliated with the MDisk. A provisioning group is an object that represents a set of managed disks that share physical resources. This is represented differently depending on the back-end storage, as shown in the following examples:

- A9000: The entire subsystem forms one provisioning group.
- Storwize V7000: The storage pool forms a provisioning group, which allows more than one independent provisioning group in a system.
- RAID with compressing drives: An array is a provisioning group that presents physical storage in use much as an external array.

The parameters `physical_capacity` and `physical_free_capacity` belong to the MDisk's provisioning group and indicate the total physical storage capacity and formatted available physical space in the provisioning group that contains this MDisk.

Note: It is not recommended to create multiple storage pools out of a MDisk in a single provisioning group.