

Mapping Volumes

Mapping defines how Mayastor volume will be accessed from the SAN clients. Mayastor being truly unified and network agnostic supports same volume to be mapped over iSCSI, Fibre-Channel or NVMeoF network for block storage service. File system volumes can be shared using NFS (ver 3 or 4) , SMB, AFP.

The following mapping types are supported and is specified using **controller** option of CLI or from the GUI.

controller	Options
iscsi	Any network interface recognized by kernel. More control over specific network by specifying iSCSI portal tag and name.
fc <i>n</i>	Selects the fibre channel target port as specified by the instance number <i>n</i>
nvmet-rdma	Any RDMA transport registered with the kernel. Typically they can be Infiniband, iWARP, or ROCE
nvmet-fc	Uses the NVMeoF transport provider over Fibre-Channel
nvmet-tcp	This uses standard TCP network interface just like iSCSI