

# ***Bonfire SAN***

## Superior All Flash Block Performance in Ten Minutes

### A Simple Solution to Block Storage

Bonfire is a simple SAN that runs on stock x86 server class hardware. It is easy to setup and can be customized by system vendors to meet their needs.

It uses ESS and All Flash Arrays to achieve superior disk performance and SSD durability. You can easily configure hardware that will exceed 3 million 4K random write IOPS per storage node.

Because of ESS, your hardware build costs will be much lower than with SSDs used in traditional arrays.

### Flexible Redundancy

- Arrays are protected RAID-5 or RAID-6
- Large arrays of > 24 drives are not only supported, but are efficient
- Multiple system can be combined to create flexible HA targets.

### Supported SAN Fabrics

#### iSCSI

Standard iSCSI target exports are supported including:

- Stock network adapters
- iSER over ROCE
- iSER over iWarp
- Adapter level offload

#### NVMe-OF

You can also export targets using NVMe-OF

- RDMA transport over ROCE
- RDMA transport over iWarp
- TCP transport

#### **WildFire Storage**

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