



## **[Three type of Parity calculations ]**

**Read-peers** reads each disk to calculate the

parity, then performs XOR operations with the new data to calculate the new parity.

**Read modify-write** reads only the current parity from the disk and the old data, then uses that information and the new data to calculate the new parity, reducing the number of read operations to two.

**Full stripe write**

methods, calculates parity directly from the data being written when that data is equal to the stripe size, eliminating the need to read any information from the disk.