



RAIDIX ERA 3.4.0 WHAT'S NEW

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NEW FEATURES AND CHANGES

1. Write hole protection

Write hole is a situation where data or syndromes on a RAID are inconsistent and this inconsistency is not detected by the system. In this case, a RAID drive failure may result in data loss.

The situation can occur during asynchronous writes on a syndrom RAID (e.g. RAID 5, RAID 6, RAID 50, etc.) if a system failure (e.g. power failure) has occurred.

ERA now protects data from loss caused by write hole by running recalculation of syndromes after a system failure, thus eliminating inconsistency. The functionality is called "resync" and is enabled by default on all RAIDs where write hole is possible.

2. Device Mapper Multipath support for NVMe devices.

When working with ERA, you can use NVMe devices available via multiple routes with DM Multipathing for load balancing and increased fault tolerance.

3. Using multipath devices in SparePools for auto-replacement.

SparePools now works with multipath devices.

4. Drive I/O errors monitoring.

A large number of errors on a drive is a sign that the drive is about to fail. You can monitor such drives through the system interface or email notifications and replace the drives manually or set up automatic replacement in a timely manner.