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## RDMA, File Systems, and DAX

*Wednesday, September 11, 2019 11:00 AM (30 minutes)*

For almost 2 years now the use of RDMA with DAX filesystems has been disabled due to the incompatibilities of RDMA and the file system page handling.

A general consensus has emerged from many conferences and email threads on a path to support RDMA directly to persistent memory which is managed by a filesystem.

This talk will present the work done since LSFmm to support RDMA and FS DAX.

Specifically this work requires exclusive layout lease grants to obtain pins.

Fails truncate operations on file pages which have been given pins. And supports recovery by admins by allowing them to identify offending processes holding these pins.

### **I agree to abide by the anti-harassment policy**

Yes

**Primary author:** Mr WEINY, Ira

**Presenter:** Mr WEINY, Ira

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