

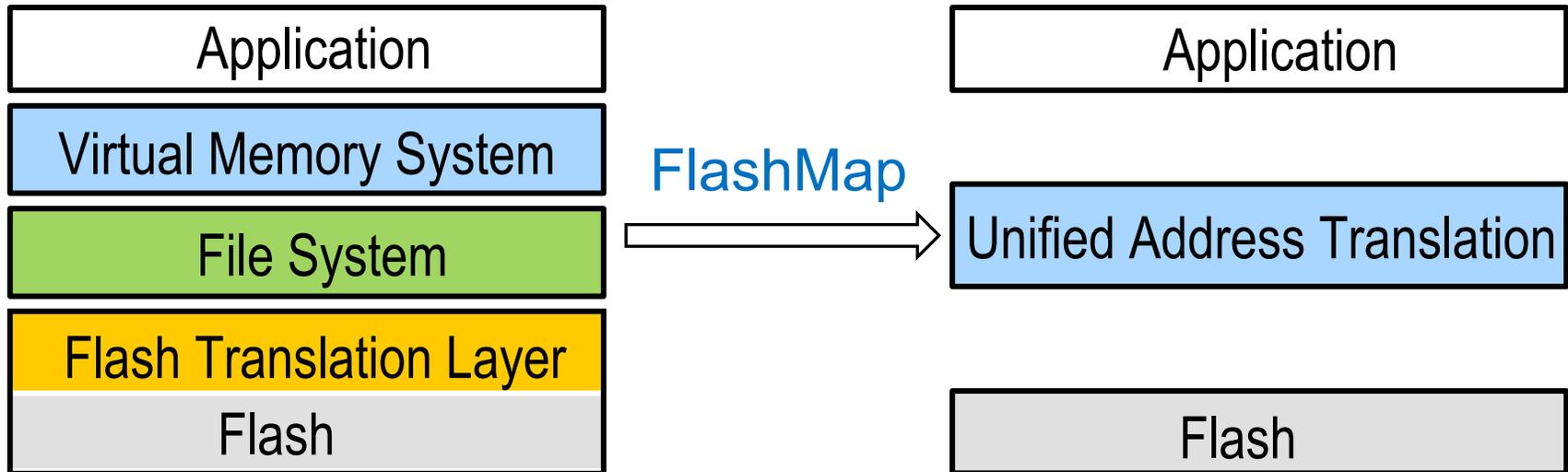
FlashMap: Unified Address Translation for Memory Mapped SSDs

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FlashMap: Unified Address Translation



Address translation: **3**

Boundary check: **2**

Permission check: **2**

1

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= Latency: **15 – 20** microseconds

+ **Storage Overhead for Metadata**

FlashMap: Unified Address Translation

Challenge: Page Tables are per process, FTL is system wide

Performance

