

# DiskScale: Storage Virtualization at Scale

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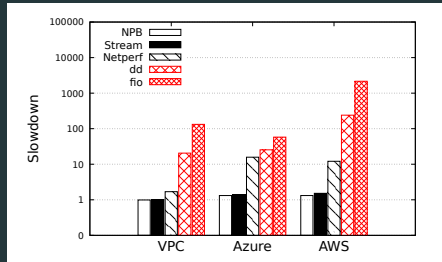


# Introduction / Motivation

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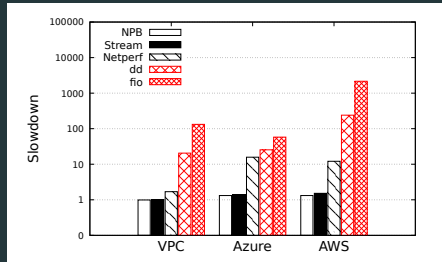
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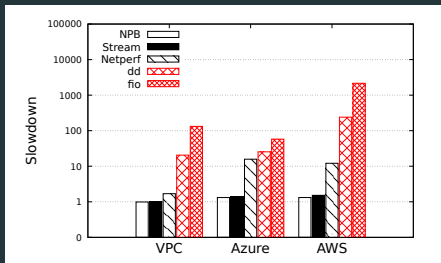
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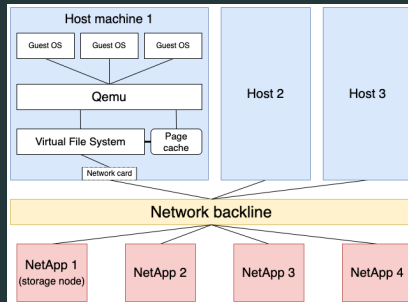
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There are very few papers about virtualized storage benchmarking.

Closest work: Merenstein et al., CNSBench: A Cloud Native Storage Benchmark, in *FAST'21*.

# Main subgoals and why are they challenging

- Tracing. Should be non intrusive: performant and respectful of data privacy contracts.



- Benchmarking. Generate a realistic workload from the traces, without hardware dependency.
- Improving existing systems.