FlowRadar: A Better NetFlow for Data Centers

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- Datacenters need better visibility
 - Transient loops/blackholes
 - Table misconfiguration/corruption
 - Losses with flow info and locations

- FlowRadar provides
 - Per-flow counters for all flows
 - 10ms-level temporal coverage
- Only take 2.36MB for 100K flows

Overhead at the collector

Mirroring

Needs sampling

FlowRadar

NetFlow

Overhead at the switches

Simple operations