

TEKLRN

DOCKER LEVEL 17

1. Runtime metrics
 - Docker stats
2. Control groups
 - Enumerate cgroups
 - Find the cgroup for a given container
3. Metrics from cgroups: memory, CPU, block I/O
4. MEMORY METRICS: MEMORY.STAT
 - CPU metrics: cpuacct.stat
 - BLOCK I/O METRICS
5. Network metrics
 - IPTABLES
 - INTERFACE-LEVEL COUNTERS
6. Tips for high-performance metric collection
 - Collect metrics when a container exits
7. Runtime options with Memory, CPUs, and GPUs
8. Memory
 - Limit a container's access to memory
 - --memory-swap details
9. PREVENT A CONTAINER FROM USING SWAP
10. CPU
 - Configure the default CFS scheduler
 - Configure the realtime scheduler
 - CONFIGURE THE HOST MACHINE'S KERNEL
 - CONFIGURE THE DOCKER DAEMON
 - CONFIGURE INDIVIDUAL CONTAINERS
11. GPU
 - Access an NVIDIA GPU
 - PREREQUISITES
 - INSTALL NVIDIA-CONTAINER-RUNTIME
 - EXPOSE GPUS FOR USE
 - SET NVIDIA CAPABILITIES