|  |  |
| --- | --- |
| Standard cluster without pod-security-policy and without network policy v1.11 | Standard cluster without pod-security-policy and without network policy v1.13 |
| Docker ps | |
| eddy\_truyen@gke-standard-cluster-2-default-pool-729cbcca-4tg4 ~ $ docker ps  CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  a7fcfee18984 e424a4de6033 "/monitor --stackd..." 2 minutes ago Up 2 minutes k8s\_prometheus-to-sd-exporter\_fluentd-gcp-v3.2.0-q28bz\_kube-system\_983e1246-4bd1-11e9-be5c-42010a800167\_0  eb3436730472 f4f80bb31718 "/entrypoint.sh /u..." 2 minutes ago Up 2 minutes k8s\_fluentd-gcp\_fluentd-gcp-v3.2.0-q28bz\_kube-system\_983e1246-4bd1-11e9-be5c-42010a800167\_0  a4eda4ccb465 k8s.gcr.io/pause:3.1 "/pause" 2 minutes ago Up 2 minutes k8s\_POD\_fluentd-gcp-v3.2.0-q28bz\_kube-system\_983e1246-4bd1-11e9-be5c-42010a800167\_0  14aaba650248 6c0dbeaa8d20 "/pod\_nanny --conf..." 2 minutes ago Up 2 minutes k8s\_metrics-server-nanny\_metrics-server-v0.2.1-fd596d746-8jbhd\_kube-system\_912082a4-4bd1-11e9-be5c-42010a800167\_0  991e0b207773 6c0dbeaa8d20 "/pod\_nanny --conf..." 2 minutes ago Up 2 minutes k8s\_heapster-nanny\_heapster-v1.6.0-beta.1-64458bc8c-6xm9b\_kube-system\_92a1ad4c-4bd1-11e9-be5c-42010a800167\_0  4ae9df3e1d41 e424a4de6033 "/monitor --source..." 2 minutes ago Up 2 minutes k8s\_prom-to-sd\_heapster-v1.6.0-beta.1-64458bc8c-6xm9b\_kube-system\_92a1ad4c-4bd1-11e9-be5c-42010a800167\_0  e34c2165e5b1 9801395070f3 "/metrics-server -..." 2 minutes ago Up 2 minutes k8s\_metrics-server\_metrics-server-v0.2.1-fd596d746-8jbhd\_kube-system\_912082a4-4bd1-11e9-be5c-42010a800167\_0  7dc7eb958aa1 71b13764bb08 "/heapster --sourc..." 2 minutes ago Up 2 minutes k8s\_heapster\_heapster-v1.6.0-beta.1-64458bc8c-6xm9b\_kube-system\_92a1ad4c-4bd1-11e9-be5c-42010a800167\_0  dfa6b2235a6c k8s.gcr.io/pause:3.1 "/pause" 2 minutes ago Up 2 minutes k8s\_POD\_heapster-v1.6.0-beta.1-64458bc8c-6xm9b\_kube-system\_92a1ad4c-4bd1-11e9-be5c-42010a800167\_0  c8593dff2e1d k8s.gcr.io/pause:3.1 "/pause" 2 minutes ago Up 2 minutes k8s\_POD\_metrics-server-v0.2.1-fd596d746-8jbhd\_kube-system\_912082a4-4bd1-11e9-be5c-42010a800167\_0  3144105e0b73 258b25f49827 "/bin/sh -c 'exec ..." 3 minutes ago Up 3 minutes k8s\_kube-proxy\_kube-proxy-gke-standard-cluster-2-default-pool-729cbcca-4tg4\_kube-system\_f0ce477174de3e28ffcda6276c7cfe91\_0  156c8fb419f1 k8s.gcr.io/pause:3.1 "/pause" 3 minutes ago Up 3 minutes k8s\_POD\_kube-proxy-gke-standard-cluster-2-default-pool-729cbcca-4tg4\_kube-system\_f0ce477174de3e28ffcda6276c7cfe91\_0 | CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES  ebbd4d9002e2 b57c00a12f6c "/pod\_nanny --config…" 11 minutes ago Up 11 minutes k8s\_heapster-nanny\_heapster-v1.6.1-cf889d599-r45sq\_kube-system\_433e01da-f3f4-11e9-8179-42010a8000af\_0  e6ac3aa4152a 42e4387da83f "/monitor --source=h…" 11 minutes ago Up 11 minutes k8s\_prom-to-sd\_heapster-v1.6.1-cf889d599-r45sq\_kube-system\_433e01da-f3f4-11e9-8179-42010a8000af\_0  0aae9356e9b9 a7614fb58dd3 "/heapster --source=…" 11 minutes ago Up 11 minutes k8s\_heapster\_heapster-v1.6.1-cf889d599-r45sq\_kube-system\_433e01da-f3f4-11e9-8179-42010a8000af\_0  4dc122f1bead k8s.gcr.io/pause:3.1 "/pause" 11 minutes ago Up 11 minutes k8s\_POD\_heapster-v1.6.1-cf889d599-r45sq\_kube-system\_433e01da-f3f4-11e9-8179-42010a8000af\_0  5823de165edd k8s.gcr.io/prometheus-to-sd "/monitor --source=k…" 11 minutes ago Up 11 minutes k8s\_prometheus-to-sd\_kube-dns-79868f54c5-7nszd\_kube-system\_212cd416-f3f4-11e9-8179-42010a8000af\_0  3d534e07a8b6 k8s.gcr.io/k8s-dns-sidecar-amd64 "/sidecar --v=2 --lo…" 11 minutes ago Up 11 minutes k8s\_sidecar\_kube-dns-79868f54c5-7nszd\_kube-system\_212cd416-f3f4-11e9-8179-42010a8000af\_0  1077d45569d8 k8s.gcr.io/k8s-dns-dnsmasq-nanny-amd64 "/dnsmasq-nanny -v=2…" 11 minutes ago Up 11 minutes k8s\_dnsmasq\_kube-dns-79868f54c5-7nszd\_kube-system\_212cd416-f3f4-11e9-8179-42010a8000af\_0  b3014a99d0eb k8s.gcr.io/prometheus-to-sd "/monitor --source=k…" 11 minutes ago Up 11 minutes k8s\_prometheus-to-sd\_prometheus-to-sd-dhnfp\_kube-system\_2a7a7938-f3f4-11e9-8179-42010a8000af\_0  8f44d343b617 k8s.gcr.io/k8s-dns-kube-dns-amd64 "/kube-dns --domain=…" 11 minutes ago Up 11 minutes k8s\_kubedns\_kube-dns-79868f54c5-7nszd\_kube-system\_212cd416-f3f4-11e9-8179-42010a8000af\_0  7b49e7d1d6da 42e4387da83f "/monitor --stackdri…" 11 minutes ago Up 11 minutes k8s\_prometheus-to-sd-exporter\_fluentd-gcp-v3.2.0-8xb4j\_kube-system\_34b5ac3b-f3f4-11e9-8179-42010a8000af\_0  439a243c600a 4270b0a6eeb1 "/entrypoint.sh /usr…" 11 minutes ago Up 11 minutes k8s\_fluentd-gcp\_fluentd-gcp-v3.2.0-8xb4j\_kube-system\_34b5ac3b-f3f4-11e9-8179-42010a8000af\_0  75249afb3c87 k8s.gcr.io/pause:3.1 "/pause" 11 minutes ago Up 11 minutes k8s\_POD\_fluentd-gcp-v3.2.0-8xb4j\_kube-system\_34b5ac3b-f3f4-11e9-8179-42010a8000af\_0  8985b16fceb1 5ec630648120 "/pod\_nanny --config…" 11 minutes ago Up 11 minutes k8s\_metrics-server-nanny\_metrics-server-v0.3.1-57c75779f-ndq2f\_kube-system\_30a73830-f3f4-11e9-8179-42010a8000af\_0  ef554128ec24 61a0c90da56e "/metrics-server --m…" 11 minutes ago Up 11 minutes k8s\_metrics-server\_metrics-server-v0.3.1-57c75779f-ndq2f\_kube-system\_30a73830-f3f4-11e9-8179-42010a8000af\_0  8b994005c00f k8s.gcr.io/pause:3.1 "/pause" 11 minutes ago Up 11 minutes k8s\_POD\_metrics-server-v0.3.1-57c75779f-ndq2f\_kube-system\_30a73830-f3f4-11e9-8179-42010a8000af\_0  019428c2f677 b5af743e5984 "/server" 11 minutes ago Up 11 minutes k8s\_default-http-backend\_l7-default-backend-fd59995cd-7hggf\_kube-system\_21096f1e-f3f4-11e9-8179-42010a8000af\_0  eacddfa42e2a 33813c948942 "/cluster-proportion…" 11 minutes ago Up 11 minutes k8s\_autoscaler\_kube-dns-autoscaler-bb58c6784-82jdm\_kube-system\_2dd5297d-f3f4-11e9-8179-42010a8000af\_0  6383d8d42d04 3dfc22ad2d25 "/scaler.sh --ds-nam…" 11 minutes ago Up 11 minutes k8s\_fluentd-gcp-scaler\_fluentd-gcp-scaler-59b7b75cd7-szv4n\_kube-system\_27f50ac2-f3f4-11e9-8179-42010a8000af\_0  cecfa0dba528 k8s.gcr.io/pause:3.1 "/pause" 12 minutes ago Up 11 minutes k8s\_POD\_kube-dns-autoscaler-bb58c6784-82jdm\_kube-system\_2dd5297d-f3f4-11e9-8179-42010a8000af\_0  9f3a274fa7e1 42e4387da83f "/monitor --stackdri…" 12 minutes ago Up 11 minutes k8s\_prometheus-to-sd-exporter\_event-exporter-v0.2.4-5f88c66fb7-7t99j\_kube-system\_2174ec6c-f3f4-11e9-8179-42010a8000af\_0  dfe0fed40009 e7c317b95d73 "/event-exporter -si…" 12 minutes ago Up 12 minutes k8s\_event-exporter\_event-exporter-v0.2.4-5f88c66fb7-7t99j\_kube-system\_2174ec6c-f3f4-11e9-8179-42010a8000af\_0  80ad52c6ff58 k8s.gcr.io/pause:3.1 "/pause" 12 minutes ago Up 12 minutes k8s\_POD\_prometheus-to-sd-dhnfp\_kube-system\_2a7a7938-f3f4-11e9-8179-42010a8000af\_0  8a1de3306e4c k8s.gcr.io/pause:3.1 "/pause" 12 minutes ago Up 12 minutes k8s\_POD\_fluentd-gcp-scaler-59b7b75cd7-szv4n\_kube-system\_27f50ac2-f3f4-11e9-8179-42010a8000af\_0  c741fc6e5e3b k8s.gcr.io/pause:3.1 "/pause" 12 minutes ago Up 12 minutes k8s\_POD\_event-exporter-v0.2.4-5f88c66fb7-7t99j\_kube-system\_2174ec6c-f3f4-11e9-8179-42010a8000af\_0  d50852c7ebb8 k8s.gcr.io/pause:3.1 "/pause" 12 minutes ago Up 11 minutes k8s\_POD\_l7-default-backend-fd59995cd-7hggf\_kube-system\_21096f1e-f3f4-11e9-8179-42010a8000af\_0  c73a0e3c2660 k8s.gcr.io/pause:3.1 "/pause" 12 minutes ago Up 12 minutes k8s\_POD\_kube-dns-79868f54c5-7nszd\_kube-system\_212cd416-f3f4-11e9-8179-42010a8000af\_0  819538583bcb 8b5e8255b3df "/bin/sh -c 'exec ku…" 12 minutes ago Up 12 minutes k8s\_kube-proxy\_kube-proxy-gke-standard-cluster-1-default-pool-58ff82eb-61q9\_kube-system\_348ee031acc1f61b9ba100cb0eaa1510\_0  9f75eb6d7c59 k8s.gcr.io/pause:3.1 "/pause" 12 minutes ago Up 12 minutes k8s\_POD\_kube-proxy-gke-standard-cluster-1-default-pool-58ff82eb-61q9\_kube-system\_348ee031acc1f61b9ba100cb0eaa1510\_0 |
| Kubent plugin | Kubenet plugin |
| Standard cluster without pod-security-policy and without network policy | Standard cluster with RBAC without pod security policy and without network policy |
| Ps –aux | |
| USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND  root 1 1.0 0.1 104136 7028 ? Ss 13:05 0:03 /usr/lib/systemd/systemd noresume noswap cros\_efi  root 2 0.0 0.0 0 0 ? S 13:05 0:00 [kthreadd]  root 3 0.0 0.0 0 0 ? I 13:05 0:00 [kworker/0:0]  root 4 0.0 0.0 0 0 ? I< 13:05 0:00 [kworker/0:0H]  root 5 0.1 0.0 0 0 ? I 13:05 0:00 [kworker/u2:0]  root 6 0.0 0.0 0 0 ? I< 13:05 0:00 [mm\_percpu\_wq]  root 7 0.0 0.0 0 0 ? S 13:05 0:00 [ksoftirqd/0]  root 8 0.1 0.0 0 0 ? I 13:05 0:00 [rcu\_sched]  root 9 0.0 0.0 0 0 ? I 13:05 0:00 [rcu\_bh]  root 10 0.0 0.0 0 0 ? S 13:05 0:00 [migration/0]  root 11 0.0 0.0 0 0 ? S 13:05 0:00 [watchdog/0]  root 12 0.0 0.0 0 0 ? S 13:05 0:00 [cpuhp/0]  root 13 0.0 0.0 0 0 ? S 13:05 0:00 [kdevtmpfs]  root 14 0.0 0.0 0 0 ? I< 13:05 0:00 [netns]  root 15 0.0 0.0 0 0 ? S 13:05 0:00 [khungtaskd]  root 16 0.0 0.0 0 0 ? S 13:05 0:00 [oom\_reaper]  root 17 0.0 0.0 0 0 ? I< 13:05 0:00 [writeback]  root 18 0.0 0.0 0 0 ? S 13:05 0:00 [kcompactd0]  root 19 0.0 0.0 0 0 ? SN 13:05 0:00 [khugepaged]  root 20 0.0 0.0 0 0 ? I< 13:05 0:00 [crypto]  root 21 0.0 0.0 0 0 ? I< 13:05 0:00 [kintegrityd]  root 22 0.0 0.0 0 0 ? I< 13:05 0:00 [kblockd]  root 23 0.0 0.0 0 0 ? I< 13:05 0:00 [ata\_sff]  root 24 0.0 0.0 0 0 ? I< 13:05 0:00 [watchdogd]  root 25 0.0 0.0 0 0 ? I 13:05 0:00 [kworker/0:1]  root 26 0.0 0.0 0 0 ? S 13:05 0:00 [kauditd]  root 27 0.0 0.0 0 0 ? S 13:05 0:00 [kswapd0]  root 43 0.0 0.0 0 0 ? I< 13:05 0:00 [kthrotld]  root 44 0.0 0.0 0 0 ? I< 13:05 0:00 [acpi\_thermal\_pm]  root 45 0.0 0.0 0 0 ? S 13:05 0:00 [scsi\_eh\_0]  root 46 0.0 0.0 0 0 ? I< 13:05 0:00 [scsi\_tmf\_0]  root 47 0.0 0.0 0 0 ? I 13:05 0:00 [kworker/u2:1]  root 48 0.0 0.0 0 0 ? I< 13:05 0:00 [dm\_bufio\_cache]  root 49 0.0 0.0 0 0 ? I< 13:05 0:00 [ipv6\_addrconf]  root 50 0.0 0.0 0 0 ? I< 13:05 0:00 [kworker/0:1H]  root 51 0.0 0.0 0 0 ? I< 13:05 0:00 [kdmflush]  root 52 0.0 0.0 0 0 ? I< 13:05 0:00 [bioset]  root 53 0.0 0.0 0 0 ? I< 13:05 0:00 [kverityd]  root 54 0.0 0.0 0 0 ? I< 13:05 0:00 [bioset]  root 55 0.0 0.0 0 0 ? I< 13:05 0:00 [ext4-rsv-conver]  root 72 0.0 0.0 0 0 ? I 13:05 0:00 [kworker/u2:2]  root 73 0.0 0.0 0 0 ? I 13:05 0:00 [kworker/0:2]  root 80 0.0 0.0 0 0 ? I 13:05 0:00 [kworker/0:3]  root 83 0.2 0.2 33412 9128 ? Ss 13:05 0:00 /usr/lib/systemd/systemd-journald  root 98 0.0 0.0 12092 3100 ? Ss 13:05 0:00 /usr/lib/systemd/systemd-udevd  root 142 0.0 0.0 0 0 ? S 13:05 0:00 [jbd2/sda8-8]  root 143 0.0 0.0 0 0 ? I< 13:05 0:00 [ext4-rsv-conver]  root 150 0.0 0.0 0 0 ? S 13:05 0:00 [jbd2/sda1-8]  root 151 0.0 0.0 0 0 ? I< 13:05 0:00 [ext4-rsv-conver]  systemd+ 196 0.0 0.0 92716 3324 ? Ssl 13:05 0:00 /usr/lib/systemd/systemd-timesyncd  root 249 0.1 0.0 17036 1948 ? Ss 13:05 0:00 /usr/lib/systemd/systemd-logind  message+ 254 0.4 0.0 18192 3184 ? Ss 13:05 0:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  systemd+ 263 0.0 0.0 27544 3548 ? Ss 13:05 0:00 /usr/lib/systemd/systemd-networkd  systemd+ 306 0.0 0.0 19256 3688 ? Ss 13:05 0:00 /usr/lib/systemd/systemd-resolved  root 312 0.0 0.0 0 0 ? I 13:05 0:00 [kworker/0:4]  root 313 0.0 0.0 8264 2008 ttyS0 Ss+ 13:05 0:00 /sbin/agetty --keep-baud 115200,38400,9600 ttyS0 vt220  root 356 0.0 0.0 15716 3712 ? Ss 13:05 0:00 /usr/sbin/sshd -D -e  root 406 0.0 0.4 31644 16152 ? Ss 13:05 0:00 /usr/bin/python2.7 /usr/lib/python-exec/python2.7/google\_accounts\_daemon  root 407 0.0 0.4 30940 15528 ? Ss 13:05 0:00 /usr/bin/python2.7 /usr/lib/python-exec/python2.7/google\_clock\_skew\_daemon  root 409 0.0 0.4 30948 15440 ? Ss 13:05 0:00 /usr/bin/python2.7 /usr/lib/python-exec/python2.7/google\_ip\_forwarding\_daemon  root 411 0.0 0.3 195948 12840 ? Ssl 13:05 0:00 /usr/sbin/device\_policy\_manager monitor  root 412 0.0 0.2 27668 8540 ? Ss 13:05 0:00 /usr/bin/metrics\_daemon -uploader --nodaemon  root 413 0.0 0.3 34340 13732 ? Ss 13:05 0:00 /usr/sbin/update\_engine --foreground --logtostderr  root 830 4.4 2.2 441440 84384 ? Ssl 13:05 0:12 /usr/bin/dockerd --registry-mirror=https://mirror.gcr.io --host=fd:// -p /var/run/docker.pid --iptables=false --ip-masq=false --log-level=warn --bip=169.254.123.1/24 --registry-mirror=https://mirror.gcr.io --log-driver=json-file --log-opt=max-size=10m --log-opt=max-file=5 --insecure-registry 10.0.0.0/8  root 834 0.2 0.2 825552 9960 ? Ssl 13:05 0:00 docker-containerd -l unix:///var/run/docker/libcontainerd/docker-containerd.sock --metrics-interval=0 --start-timeout 2m --state-dir /var/run/docker/libcontainerd/containerd --shim docker-containerd-shim --runtime docker-runc  root 904 0.2 1.0 326456 41388 ? Ssl 13:05 0:00 /home/kubernetes/bin/node-problem-detector --v=2 --logtostderr --system-log-monitors=/home/kubernetes/node-problem-detector/config/kernel-monitor.json,/home/kubernetes/node-problem-detector/config/docker-monitor.json --custom-plugin-monitors=/home/kubernetes/node-problem-detector/config/kernel-monitor-counter.json,/home/kubernetes/node-problem-detector/config/systemd-monitor-counter.json,/home/kubernetes/node-problem-detector/config/docker-monitor-counter.json --apiserver-override=https://35.222.120.209?inClusterConfig=false&auth=/var/lib/node-problem-detector/kubeconfig --port=20256  root 1002 0.0 0.0 9560 3048 ? Ss 13:05 0:00 bash /home/kubernetes/bin/health-monitor.sh kubelet  root 1004 0.0 0.0 9560 3048 ? Ss 13:05 0:00 bash /home/kubernetes/bin/health-monitor.sh container-runtime  root 1158 3.9 2.6 831968 101420 ? Ssl 13:06 0:07 /home/kubernetes/bin/kubelet --v=2 --cloud-provider=gce --experimental-mounter-path=/home/kubernetes/containerized\_mounter/mounter --experimental-check-node-capabilities-before-mount=true --cert-dir=/var/lib/kubelet/pki/ --cni-bin-dir=/home/kubernetes/bin --allow-privileged=true --kubeconfig=/var/lib/kubelet/kubeconfig --experimental-kernel-memcg-notification=true --max-pods=110 --network-plugin=kubenet --node-labels=beta.kubernetes.io/fluentd-ds-ready=true,cloud.google.com/gke-nodepool=default-pool,cloud.google.com/gke-os-distribution=cos **--volume-plugin-dir=/home/kubernetes/flexvolume** --registry-qps=10 --registry-burst=20 --bootstrap-kubeconfig=/var/lib/kubelet/bootstrap-kubeconfig --node-status-max-images=25 --config /home/kubernetes/kubelet-config.yaml  root 1242 0.0 0.1 16044 4572 ? Ss 13:06 0:00 sshd: gke-c41808bf5c17a24c1dce [priv]  gke-c41+ 1245 0.0 0.0 16176 2900 ? S 13:06 0:00 sshd: gke-c41808bf5c17a24c1dce  root 1266 0.0 0.0 272220 2576 ? Sl 13:07 0:00 docker-containerd-shim c1d04e2074509d1fa749e50486d5031b441112940029dd16ce2487f3e92ffe76 /var/run/docker/libcontainerd/c1d04e2074509d1fa749e50486d5031b441112940029dd16ce2487f3e92ffe76 docker-runc  root 1272 0.0 0.0 0 0 ? I 13:07 0:00 [kworker/u2:3]  root 1286 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 1305 0.0 0.0 272220 3004 ? Sl 13:07 0:00 docker-containerd-shim 5aeb23d125c0a82fc8b99c17e3935a428049a190af50ac6bcd52bd3d9f4dc236 /var/run/docker/libcontainerd/5aeb23d125c0a82fc8b99c17e3935a428049a190af50ac6bcd52bd3d9f4dc236 docker-runc  root 1322 0.3 0.8 230588 32836 ? Ssl 13:07 0:00 kube-proxy --master=https://35.222.120.209 --kubeconfig=/var/lib/kube-proxy/kubeconfig --cluster-cidr=10.12.0.0/14 --resource-container= --oom-score-adj=-998 --v=2 --feature-gates=DynamicKubeletConfig=false,ExperimentalCriticalPodAnnotation=true --iptables-sync-period=1m --iptables-min-sync-period=10s --ipvs-sync-period=1m --ipvs-min-sync-period=10s  root 1327 0.0 0.0 272220 3008 ? Sl 13:07 0:00 docker-containerd-shim 04189f0b8b50e33b246cddbdffdfe71489a6345e2c13da08efbfa6ead54e7f31 /var/run/docker/libcontainerd/04189f0b8b50e33b246cddbdffdfe71489a6345e2c13da08efbfa6ead54e7f31 docker-runc  root 1350 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 1430 0.0 0.0 206684 2908 ? Sl 13:07 0:00 docker-containerd-shim ff431d7fe84655700446d85629c83a3671a8fd893cfea76e0e6a3747b60c5665 /var/run/docker/libcontainerd/ff431d7fe84655700446d85629c83a3671a8fd893cfea76e0e6a3747b60c5665 docker-runc  root 1455 0.0 0.0 272220 2924 ? Sl 13:07 0:00 docker-containerd-shim b01aeae8e6e13673e3b294d769ceeb79ba93f324b881f627c4064dad17fe1061 /var/run/docker/libcontainerd/b01aeae8e6e13673e3b294d769ceeb79ba93f324b881f627c4064dad17fe1061 docker-runc  root 1464 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 1510 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 1535 0.0 0.0 214880 2976 ? Sl 13:07 0:00 docker-containerd-shim ad7d151ba1baa155475044e3aed28a72e6b46be60706394bf30c71c4a06c9021 /var/run/docker/libcontainerd/ad7d151ba1baa155475044e3aed28a72e6b46be60706394bf30c71c4a06c9021 docker-runc  root 1558 0.0 0.0 272220 2988 ? Sl 13:07 0:00 docker-containerd-shim 3c2208ecc90b5c6bae95c88733e443543159c1c1c7f20a54608fc3b9b10aad15 /var/run/docker/libcontainerd/3c2208ecc90b5c6bae95c88733e443543159c1c1c7f20a54608fc3b9b10aad15 docker-runc  root 1584 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 1641 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 1819 0.0 0.0 280416 2840 ? Sl 13:07 0:00 docker-containerd-shim 50a16fdc982ab55505b70f42f950c60172eaccdf0810e84ce4950b3cd5d78574 /var/run/docker/libcontainerd/50a16fdc982ab55505b70f42f950c60172eaccdf0810e84ce4950b3cd5d78574 docker-runc  root 1825 0.0 0.0 272220 2984 ? Sl 13:07 0:00 docker-containerd-shim 7d01b04b458a1f367689ab4a4c7fc527f81ccc213ec3ae74a3c76b4f5b69a35e /var/run/docker/libcontainerd/7d01b04b458a1f367689ab4a4c7fc527f81ccc213ec3ae74a3c76b4f5b69a35e docker-runc  root 1874 0.0 0.0 4292 1488 ? Ss 13:07 0:00 /bin/sh /scaler.sh --ds-name=fluentd-gcp-v3.2.0 --scaling-policy=fluentd-gcp-scaling-policy  nobody 1880 0.1 0.5 32356 20116 ? Ssl 13:07 0:00 /cluster-proportional-autoscaler --namespace=kube-system --configmap=kube-dns-autoscaler --target=Deployment/kube-dns --default-params={"linear":{"coresPerReplica":256,"nodesPerReplica":16,"preventSinglePointFailure":true}} --logtostderr=true --v=2  root 1904 0.0 0.0 206684 2896 ? Sl 13:07 0:00 docker-containerd-shim b13b2cc00787967526b0b9968152be488806780253e2374d1403a015c4d7f815 /var/run/docker/libcontainerd/b13b2cc00787967526b0b9968152be488806780253e2374d1403a015c4d7f815 docker-runc  root 1941 0.2 0.6 39964 25700 ? Ssl 13:07 0:00 /event-exporter -sink-opts=-stackdriver-resource-model=old  root 2007 0.0 0.0 206684 2844 ? Sl 13:07 0:00 docker-containerd-shim 212a3988a27ca5474b40297e6d5f0f5879bab54bdc5f7102542f88df97aa4e6a /var/run/docker/libcontainerd/212a3988a27ca5474b40297e6d5f0f5879bab54bdc5f7102542f88df97aa4e6a docker-runc  nobody 2038 0.1 0.5 33808 21112 ? Ssl 13:07 0:00 /monitor --stackdriver-prefix=container.googleapis.com/internal/addons --api-override=https://monitoring.googleapis.com/ --source=event\_exporter:http://localhost:80?whitelisted=stackdriver\_sink\_received\_entry\_count,stackdriver\_sink\_request\_count,stackdriver\_sink\_successfully\_sent\_entry\_count --pod-id=event-exporter-v0.2.3-85644fcdf-bwhkg --namespace-id=kube-system  root 2184 0.0 0.0 206684 2920 ? Sl 13:07 0:00 docker-containerd-shim b1c97881cd3fa628abf4d2a1f29ad7368fbc7272ce20883bbe801c7cd5b3a40a /var/run/docker/libcontainerd/b1c97881cd3fa628abf4d2a1f29ad7368fbc7272ce20883bbe801c7cd5b3a40a docker-runc  nobody 2210 0.0 0.1 8060 4208 ? Ssl 13:07 0:00 /server  root 2265 0.0 0.0 272220 2908 ? Sl 13:07 0:00 docker-containerd-shim 4548f0f7beac3a3a1579d34d3cdd5d1733d99ad9aeb81620238188df6c3a7f7d /var/run/docker/libcontainerd/4548f0f7beac3a3a1579d34d3cdd5d1733d99ad9aeb81620238188df6c3a7f7d docker-runc  root 2282 0.1 0.6 38228 23636 ? Ssl 13:07 0:00 /kube-dns --domain=cluster.local. --dns-port=10053 --config-dir=/kube-dns-config --v=2  root 2321 0.0 0.0 272220 2960 ? Sl 13:07 0:00 docker-containerd-shim 112b9b5a31fe8371170fd457ed50fe71402c8ac580422942d4415d37e9413301 /var/run/docker/libcontainerd/112b9b5a31fe8371170fd457ed50fe71402c8ac580422942d4415d37e9413301 docker-runc  root 2338 0.0 0.5 32484 20272 ? Ssl 13:07 0:00 /dnsmasq-nanny -v=2 -logtostderr -configDir=/etc/k8s/dns/dnsmasq-nanny -restartDnsmasq=true -- -k --cache-size=1000 --no-negcache --log-facility=- --server=/cluster.local/127.0.0.1#10053 --server=/in-addr.arpa/127.0.0.1#10053 --server=/ip6.arpa/127.0.0.1#10053  root 2352 0.2 0.0 1172 824 ? S 13:07 0:00 /usr/sbin/dnsmasq -k --cache-size=1000 --no-negcache --log-facility=- --server=/cluster.local/127.0.0.1#10053 --server=/in-addr.arpa/127.0.0.1#10053 --server=/ip6.arpa/127.0.0.1#10053  root 2381 0.0 0.0 337756 3012 ? Sl 13:07 0:00 docker-containerd-shim f1353740dc78bd4875bd554e0560d721553d8f731c96172f2694d4593b002037 /var/run/docker/libcontainerd/f1353740dc78bd4875bd554e0560d721553d8f731c96172f2694d4593b002037 docker-runc  nobody 2419 0.1 0.6 36480 25296 ? Ssl 13:07 0:00 /sidecar --v=2 --logtostderr --probe=kubedns,127.0.0.1:10053,kubernetes.default.svc.cluster.local,5,SRV --probe=dnsmasq,127.0.0.1:53,kubernetes.default.svc.cluster.local,5,SRV  root 2468 0.0 0.0 206684 2944 ? Sl 13:07 0:00 docker-containerd-shim 922d0c06e017a943dfb74d0e5dc8ed16c8174877eea421232a6d013bb32d141b /var/run/docker/libcontainerd/922d0c06e017a943dfb74d0e5dc8ed16c8174877eea421232a6d013bb32d141b docker-runc  root 2502 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 2552 0.0 0.0 272220 2908 ? Sl 13:07 0:00 docker-containerd-shim 6403a76ad915fd6851f6d2ca16bd935e5937419fafafb33588127ba9c6c5a368 /var/run/docker/libcontainerd/6403a76ad915fd6851f6d2ca16bd935e5937419fafafb33588127ba9c6c5a368 docker-runc  root 2569 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 2735 0.0 0.0 272220 2900 ? Sl 13:07 0:00 docker-containerd-shim 0a5d6687d55b5d59adb07a7ec9260c44fcae9c954684501d7683c5379325a21b /var/run/docker/libcontainerd/0a5d6687d55b5d59adb07a7ec9260c44fcae9c954684501d7683c5379325a21b docker-runc  root 2736 0.0 0.0 337756 2932 ? Sl 13:07 0:00 docker-containerd-shim 6d224e860498990d7691c749cd9390271c0074026470bd5b318a5d0e125e6b5c /var/run/docker/libcontainerd/6d224e860498990d7691c749cd9390271c0074026470bd5b318a5d0e125e6b5c docker-runc  root 2784 1.0 0.7 46600 29536 ? Ssl 13:07 0:01 /metrics-server --source=kubernetes.summary\_api:''  root 2788 0.0 0.0 272220 2912 ? Sl 13:07 0:00 docker-containerd-shim a0a03697bfa8c55b79f1a076236f6249d6b852bf2ad440615cde57d3bb5cd22f /var/run/docker/libcontainerd/a0a03697bfa8c55b79f1a076236f6249d6b852bf2ad440615cde57d3bb5cd22f docker-runc  nobody 2793 0.2 1.0 60084 38704 ? Ssl 13:07 0:00 /heapster --source=kubernetes.summary\_api:?host\_id\_annotation=container.googleapis.com/instance\_id --sink=stackdriver:?cluster\_name=standard-cluster-3&use\_old\_resources=true&use\_new\_resources=false&min\_interval\_sec=100&batch\_export\_timeout\_sec=110&cluster\_location=us-central1-a  nobody 2823 0.0 0.5 31360 20444 ? Ssl 13:07 0:00 /monitor --source=kubedns:http://localhost:10054?whitelisted=probe\_kubedns\_latency\_ms,probe\_kubedns\_errors,dnsmasq\_misses,dnsmasq\_hits --stackdriver-prefix=container.googleapis.com/internal/addons --api-override=https://monitoring.googleapis.com/ --pod-id=kube-dns-7df4cb66cb-2pcwn --namespace-id=kube-system --v=2  root 2887 0.0 0.0 272220 2900 ? Sl 13:07 0:00 docker-containerd-shim bb36ab611d603f497bca1dbfe439cc5277432183d71b494f0b3c27ca8270d879 /var/run/docker/libcontainerd/bb36ab611d603f497bca1dbfe439cc5277432183d71b494f0b3c27ca8270d879 docker-runc  root 2888 0.0 0.0 206684 2900 ? Sl 13:07 0:00 docker-containerd-shim dfb859b17c0cf225b77088d5f70ae833c756b6995d4f694477d5c2cf2e1c537b /var/run/docker/libcontainerd/dfb859b17c0cf225b77088d5f70ae833c756b6995d4f694477d5c2cf2e1c537b docker-runc  nobody 2918 0.1 0.5 32752 20480 ? Ssl 13:07 0:00 /monitor --source=heapster:http://localhost:8082?whitelisted=stackdriver\_requests\_count,stackdriver\_timeseries\_count --stackdriver-prefix=container.googleapis.com/internal/addons --api-override=https://monitoring.googleapis.com/ --pod-id=heapster-v1.6.0-beta.1-747674ddc4-v62pw --namespace-id=kube-system  root 2925 0.1 0.5 29120 20104 ? Ssl 13:07 0:00 /pod\_nanny --config-dir=/etc/config --cpu=40m --extra-cpu=0.5m --memory=40Mi --extra-memory=4Mi --threshold=5 --deployment=metrics-server-v0.2.1 --container=metrics-server --poll-period=300000 --estimator=exponential  root 2961 0.0 0.0 280416 2912 ? Sl 13:07 0:00 docker-containerd-shim 3e5dd1e7530ba72642fa6e50d98fc9367eab39ff94ed5c619dbd194bd9cf8953 /var/run/docker/libcontainerd/3e5dd1e7530ba72642fa6e50d98fc9367eab39ff94ed5c619dbd194bd9cf8953 docker-runc  root 2978 0.1 0.5 29120 20844 ? Ssl 13:07 0:00 /pod\_nanny --config-dir=/etc/config --cpu=80m --extra-cpu=0.5m --memory=140Mi --extra-memory=4Mi --threshold=5 --deployment=heapster-v1.6.0-beta.1 --container=heapster --poll-period=300000 --estimator=exponential  root 2984 0.0 0.0 272220 3004 ? Sl 13:07 0:00 docker-containerd-shim 606fc30291837c48257dca8b5a3b3d5b7434c53cc7794c5b05bab2a3cc999648 /var/run/docker/libcontainerd/606fc30291837c48257dca8b5a3b3d5b7434c53cc7794c5b05bab2a3cc999648 docker-runc  root 3001 0.0 0.0 1024 4 ? Ss 13:07 0:00 /pause  root 3106 0.0 0.0 272220 2912 ? Sl 13:07 0:00 docker-containerd-shim 7ff1586d8a3bd15647ca9e90c4378220f9ef709fc575e16dadb73c19231d3a57 /var/run/docker/libcontainerd/7ff1586d8a3bd15647ca9e90c4378220f9ef709fc575e16dadb73c19231d3a57 docker-runc  root 3123 0.9 1.5 188352 57556 ? Ssl 13:07 0:01 /opt/google-fluentd/embedded/bin/ruby /usr/sbin/google-fluentd  root 3139 0.0 0.0 272220 2844 ? Sl 13:07 0:00 docker-containerd-shim 7e254b7855cfb31afde579706bc7292fd93957c11f641643b7d5530712044873 /var/run/docker/libcontainerd/7e254b7855cfb31afde579706bc7292fd93957c11f641643b7d5530712044873 docker-runc  nobody 3156 0.1 0.5 33808 20972 ? Ssl 13:07 0:00 /monitor --stackdriver-prefix=container.googleapis.com/internal/addons --api-override=https://monitoring.googleapis.com/ --source=fluentd:http://localhost:24231?whitelisted=stackdriver\_successful\_requests\_count,stackdriver\_failed\_requests\_count,stackdriver\_ingested\_entries\_count,stackdriver\_dropped\_entries\_count --pod-id=fluentd-gcp-v3.2.0-prg59 --namespace-id=kube-system  root 3202 2.9 2.4 386464 92568 ? Sl 13:07 0:03 /opt/google-fluentd/embedded/bin/ruby -Eascii-8bit:ascii-8bit /usr/sbin/google-fluentd --under-supervisor  root 3618 0.0 0.1 16044 4644 ? Ss 13:09 0:00 sshd: eddy\_truyen [priv]  root 3629 0.0 0.0 4200 684 ? S 13:09 0:00 sleep 60  eddy\_tr+ 3631 0.0 0.0 16176 2792 ? S 13:09 0:00 sshd: eddy\_truyen@pts/0  eddy\_tr+ 3632 0.0 0.0 9548 3492 pts/0 Ss 13:09 0:00 -bash  root 3707 0.0 0.0 11532 968 ? S 13:09 0:00 /usr/bin/coreutils --coreutils-prog-shebang=sleep /usr/bin/sleep 10  root 3736 0.0 0.0 11532 1092 ? S 13:09 0:00 /usr/bin/coreutils --coreutils-prog-shebang=sleep /usr/bin/sleep 10  eddy\_tr+ 3737 0.0 0.0 11048 2308 pts/0 R+ 13:09 0:00 ps -aux | USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND  root 1 0.3 0.1 99412 7124 ? Ss 11:13 0:03 /usr/lib/systemd/systemd noresume noswap cros\_efi  root 2 0.0 0.0 0 0 ? S 11:13 0:00 [kthreadd]  root 4 0.0 0.0 0 0 ? I< 11:13 0:00 [kworker/0:0H]  root 6 0.0 0.0 0 0 ? I< 11:13 0:00 [mm\_percpu\_wq]  root 7 0.0 0.0 0 0 ? S 11:13 0:00 [ksoftirqd/0]  root 8 0.0 0.0 0 0 ? I 11:13 0:00 [rcu\_sched]  root 9 0.0 0.0 0 0 ? I 11:13 0:00 [rcu\_bh]  root 10 0.0 0.0 0 0 ? S 11:13 0:00 [migration/0]  root 11 0.0 0.0 0 0 ? S 11:13 0:00 [watchdog/0]  root 12 0.0 0.0 0 0 ? S 11:13 0:00 [cpuhp/0]  root 13 0.0 0.0 0 0 ? S 11:13 0:00 [kdevtmpfs]  root 14 0.0 0.0 0 0 ? I< 11:13 0:00 [netns]  root 15 0.0 0.0 0 0 ? S 11:13 0:00 [khungtaskd]  root 16 0.0 0.0 0 0 ? S 11:13 0:00 [oom\_reaper]  root 17 0.0 0.0 0 0 ? I< 11:13 0:00 [writeback]  root 18 0.0 0.0 0 0 ? S 11:13 0:00 [kcompactd0]  root 19 0.0 0.0 0 0 ? SN 11:13 0:00 [khugepaged]  root 20 0.0 0.0 0 0 ? I< 11:13 0:00 [crypto]  root 21 0.0 0.0 0 0 ? I< 11:13 0:00 [kintegrityd]  root 22 0.0 0.0 0 0 ? I< 11:13 0:00 [kblockd]  root 23 0.0 0.0 0 0 ? I< 11:13 0:00 [ata\_sff]  root 24 0.0 0.0 0 0 ? I< 11:13 0:00 [watchdogd]  root 25 0.0 0.0 0 0 ? I 11:13 0:00 [kworker/0:1]  root 26 0.0 0.0 0 0 ? S 11:13 0:00 [kauditd]  root 27 0.0 0.0 0 0 ? S 11:13 0:00 [kswapd0]  root 44 0.0 0.0 0 0 ? I< 11:13 0:00 [kthrotld]  root 45 0.0 0.0 0 0 ? I< 11:13 0:00 [acpi\_thermal\_pm]  root 46 0.0 0.0 0 0 ? S 11:13 0:00 [scsi\_eh\_0]  root 47 0.0 0.0 0 0 ? I< 11:13 0:00 [scsi\_tmf\_0]  root 49 0.0 0.0 0 0 ? I< 11:13 0:00 [dm\_bufio\_cache]  root 50 0.0 0.0 0 0 ? I< 11:13 0:00 [ipv6\_addrconf]  root 51 0.0 0.0 0 0 ? I 11:13 0:00 [kworker/u2:2]  root 56 0.0 0.0 0 0 ? I< 11:13 0:00 [kworker/0:1H]  root 57 0.0 0.0 0 0 ? I< 11:13 0:00 [kdmflush]  root 58 0.0 0.0 0 0 ? I< 11:13 0:00 [bioset]  root 59 0.0 0.0 0 0 ? I< 11:13 0:00 [kverityd]  root 60 0.0 0.0 0 0 ? I< 11:13 0:00 [bioset]  root 61 0.0 0.0 0 0 ? I< 11:13 0:00 [ext4-rsv-conver]  root 89 0.0 0.2 28356 8960 ? Ss 11:13 0:00 /usr/lib/systemd/systemd-journald  root 120 0.0 0.0 12372 3368 ? Ss 11:13 0:00 /usr/lib/systemd/systemd-udevd  root 170 0.0 0.0 0 0 ? S 11:13 0:00 [jbd2/sda8-8]  root 171 0.0 0.0 0 0 ? I< 11:13 0:00 [ext4-rsv-conver]  root 181 0.0 0.0 0 0 ? S 11:13 0:00 [jbd2/sda1-8]  root 182 0.0 0.0 0 0 ? I< 11:13 0:00 [ext4-rsv-conver]  systemd+ 215 0.0 0.0 91044 3668 ? Ssl 11:13 0:00 /usr/lib/systemd/systemd-timesyncd  root 270 0.1 0.1 12020 3908 ? Ss 11:13 0:00 /usr/lib/systemd/systemd-logind  message+ 277 0.1 0.0 13172 3560 ? Ss 11:13 0:01 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation  systemd+ 306 0.0 0.1 22524 4264 ? Ss 11:13 0:00 /usr/lib/systemd/systemd-networkd  systemd+ 320 0.0 0.0 17584 3632 ? Ss 11:13 0:00 /usr/lib/systemd/systemd-resolved  root 325 0.0 0.9 971824 37200 ? Ssl 11:13 0:00 /usr/bin/containerd  root 328 0.0 0.0 8352 2028 ttyS0 Ss+ 11:13 0:00 /sbin/agetty --keep-baud 115200,38400,9600 ttyS0 vt220  root 338 0.0 0.1 15784 3800 ? Ss 11:13 0:00 /usr/sbin/sshd -D -e  root 385 0.0 0.2 412716 10404 ? Ssl 11:13 0:00 /usr/sbin/device\_policy\_manager monitor  root 387 0.0 0.0 0 0 ? I 11:13 0:00 [kworker/0:4]  root 388 0.0 0.2 26144 9004 ? Ss 11:13 0:00 /usr/bin/metrics\_daemon --nodaemon  root 433 0.0 0.5 35456 19684 ? Ss 11:13 0:00 /usr/bin/python2.7 /usr/lib/python-exec/python2.7/google\_accounts\_daemon  root 436 0.0 0.4 34560 18916 ? Ss 11:13 0:00 /usr/bin/python2.7 /usr/lib/python-exec/python2.7/google\_ip\_forwarding\_daemon  root 437 0.0 0.4 34524 18932 ? Ss 11:13 0:00 /usr/bin/python2.7 /usr/lib/python-exec/python2.7/google\_clock\_skew\_daemon  root 962 1.8 2.4 895468 92992 ? Ssl 11:14 0:15 /usr/bin/dockerd --registry-mirror=https://mirror.gcr.io --host=fd:// --containerd=/var/run/containerd/containerd.sock -p /var/run/docker.pid --iptables=false --ip-masq=false --log-level=warn --bip=169.254.123.1/24 --registry-mirror=https://mirror.gcr.io --log-driver=json-file --log-opt=max-size=10m --log-opt=max-file=5 --insecure-registry 10.0.0.0/8  root 1041 0.0 0.7 666852 27096 ? Ssl 11:14 0:00 /home/kubernetes/bin/node-problem-detector --v=2 --logtostderr --system-log-monitors=/home/kubernetes/node-problem-detector/config/kernel-monitor.json,/home/kubernetes/node-problem-detector/config/docker-monitor.json --custom-plugin-monitors=/home/kubernetes/node-problem-detector/config/kernel-monitor-counter.json,/home/kubernetes/node-problem-detector/config/systemd-monitor-counter.json --port=20256 --apiserver-override=https://35.239.172.162?inClusterConfig=false&auth=/var/lib/node-problem-detector/kubeconfig  root 1078 0.0 0.0 9540 3292 ? Ss 11:14 0:00 bash /home/kubernetes/bin/health-monitor.sh kubelet  root 1080 0.0 0.0 9540 3148 ? Ss 11:14 0:00 bash /home/kubernetes/bin/health-monitor.sh container-runtime  root 1252 2.5 2.6 922544 98600 ? Ssl 11:16 0:18 /home/kubernetes/bin/kubelet --v=2 --cloud-provider=gce --experimental-check-node-capabilities-before-mount=true --allow-privileged=true --experimental-mounter-path=/home/kubernetes/containerized\_mounter/mounter --cert-dir=/var/lib/kubelet/pki/ --cni-bin-dir=/home/kubernetes/bin --kubeconfig=/var/lib/kubelet/kubeconfig --experimental-kernel-memcg-notification=true --max-pods=110 --network-plugin=kubenet --node-labels=beta.kubernetes.io/fluentd-ds-ready=true,cloud.google.com/gke-nodepool=default-pool,cloud.google.com/gke-os-distribution=cos --volume-plugin-**dir=/home/kubernetes/flexvolume** --bootstrap-kubeconfig=/var/lib/kubelet/bootstrap-kubeconfig --node-status-max-images=25 --registry-qps=10 --registry-burst=20 --config /home/kubernetes/kubelet-config.yaml --pod-sysctls=net.core.somaxconn=1024,net.ipv4.conf.all.accept\_redirects=0,net.ipv4.conf.all.forwarding=1,net.ipv4.conf.all.route\_localnet=1,net.ipv4.conf.default.forwarding=1,net.ipv4.ip\_forward=1,net.ipv4.tcp\_fin\_timeout=60,net.ipv4.tcp\_keepalive\_intvl=75,net.ipv4.tcp\_keepalive\_probes=9,net.ipv4.tcp\_keepalive\_time=7200,net.ipv4.tcp\_max\_syn\_backlog=128,net.ipv4.tcp\_max\_tw\_buckets=16384,net.ipv4.tcp\_syn\_retries=6,net.ipv4.tcp\_tw\_reuse=0,net.netfilter.nf\_conntrack\_generic\_timeout=600,net.netfilter.nf\_conntrack\_tcp\_timeout\_close\_wait=3600,net.netfilter.nf\_conntrack\_tcp\_timeout\_established=86400  root 1353 0.0 0.1 706492 6552 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/9f75eb6d7c596a497058db189fd3d4120feae7bbf2b326d984de4f24c1364178 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 1360 0.0 0.0 0 0 ? I 11:16 0:00 [kworker/u2:3]  root 1373 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 1401 0.0 0.1 707900 5760 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/819538583bcb519edf5a18cee9151bcbcb5899f8eb58bcf4b1552d41c3b71272 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 1418 0.1 0.8 267720 33304 ? Ssl 11:16 0:01 kube-proxy --master=https://35.239.172.162 --kubeconfig=/var/lib/kube-proxy/kubeconfig --cluster-cidr=10.8.0.0/14 --resource-container= --oom-score-adj=-998 --v=2 --feature-gates=DynamicKubeletConfig=false,NodeLease=false,TaintBasedEvictions=false,RotateKubeletServerCertificate=true,ExperimentalCriticalPodAnnotation=true --iptables-sync-period=1m --iptables-min-sync-period=10s --ipvs-sync-period=1m --ipvs-min-sync-period=10s  root 1552 0.0 0.1 716096 6092 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/c741fc6e5e3b460de85a9ab742cc4a44199f4d4f0e287896f18c28c12da7177e -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 1570 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 1576 0.0 0.1 707900 6508 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/c73a0e3c2660ea5a4d489ca13f6e9b68084a8579ac5eb22905fea28ffcc1b6e9 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 1591 0.0 0.1 714688 6212 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/d50852c7ebb8a21bc0a030d5684bdd95d5a14e1a757668e02772f81e77da89a6 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 1593 0.0 0.1 707900 6216 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/80ad52c6ff58d5d996a25c3bdab66f0cbac709c5f1379b72a17219ff4b4992d8 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 1613 0.0 0.1 707900 7200 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/8a1de3306e4cf9037158fc499cbeea1cf43f9098e9752bf9af22aab7d246d626 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 1636 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 1701 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 1792 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 1805 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 2009 0.0 0.1 714688 5700 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/dfe0fed40009c7e9d0f1a8752efe9818c77192e8cffb2a8f205fe3a1d6c710a6 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 2051 0.0 0.6 39736 26456 ? Ssl 11:16 0:00 /event-exporter -sink-opts=-stackdriver-resource-model=old  root 2167 0.0 0.1 714688 6188 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/9f3a274fa7e14023e5da6dcd8318ecf1bae6bccf57a5c449458376dc7d1687ef -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  nobody 2185 0.0 0.4 32768 18612 ? Ssl 11:16 0:00 /monitor --stackdriver-prefix=container.googleapis.com/internal/addons --api-override=https://monitoring.googleapis.com/ --source=event\_exporter:http://localhost:80?whitelisted=stackdriver\_sink\_received\_entry\_count,stackdriver\_sink\_request\_count,stackdriver\_sink\_successfully\_sent\_entry\_count --pod-id=event-exporter-v0.2.4-5f88c66fb7-7t99j --namespace-id=kube-system  root 2221 0.0 0.1 716096 6196 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/cecfa0dba5282dfee108e66c2951cc4a01ba15aa98cfffd2aeea700a35847371 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 2233 0.0 0.1 714688 6184 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/6383d8d42d040ff35921083b30d769ce0fbf19ff007fcf2a1758a663ecd08958 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 2274 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 2280 0.0 0.0 4280 1428 ? Ss 11:16 0:00 /bin/sh /scaler.sh --ds-name=fluentd-gcp-v3.2.0 --scaling-policy=fluentd-gcp-scaling-policy  root 2349 0.0 0.1 16224 4636 ? Ss 11:16 0:00 sshd: gke-654ea89aa629b49adc4b [priv]  gke-654+ 2360 0.0 0.0 16224 2764 ? S 11:16 0:00 sshd: gke-654ea89aa629b49adc4b  root 2440 0.0 0.1 714688 6120 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/eacddfa42e2ae46c2d9110ee47a6ee3ab2047ea9acbe93f4264f5ca31df26d32 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  nobody 2476 0.0 0.5 32436 20044 ? Ssl 11:16 0:00 /cluster-proportional-autoscaler --namespace=kube-system --configmap=kube-dns-autoscaler --target=Deployment/kube-dns --default-params={"linear":{"coresPerReplica":256,"nodesPerReplica":16,"preventSinglePointFailure":true}} --logtostderr=true --v=2  root 2566 0.0 0.1 714688 5708 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/019428c2f677f0e774aaaff8c9e33fcb74ea278fbe8872e50a284525d4383994 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 2567 0.0 0.1 707900 7144 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/8b994005c00f7ab78e0b0820b0c1edb3c622146541b3d388fcabf5fb3167df91 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 2619 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  nobody 2642 0.0 0.1 8060 4140 ? Ssl 11:16 0:00 /server  root 2791 0.0 0.1 707900 6388 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/ef554128ec247dd27ba4ea6d3876dc2966a67bd0c816a8d9a7922b8105b25e32 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 2809 0.2 0.8 47928 30916 ? Ssl 11:16 0:01 /metrics-server --metric-resolution=30s --kubelet-port=10255 --deprecated-kubelet-completely-insecure=true --kubelet-preferred-address-types=InternalIP,Hostname,InternalDNS,ExternalDNS,ExternalIP  root 2848 0.0 0.1 716096 6364 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/8985b16fceb101db8bedbbf9392fb525989d0dc1f1def369d4dd511d73b2e70b -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 2865 0.0 0.4 27448 17628 ? Ssl 11:16 0:00 /pod\_nanny --config-dir=/etc/config --cpu=40m --extra-cpu=0.5m --memory=35Mi --extra-memory=4Mi --threshold=5 --deployment=metrics-server-v0.3.1 --container=metrics-server --poll-period=300000 --estimator=exponential --minClusterSize=5  root 3003 0.0 0.1 707900 6292 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/75249afb3c875d9051af4988d57e084238e86e5171bbef6d0ba483bf7a38935a -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 3020 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 3049 0.0 0.1 716096 6380 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/439a243c600ad3e4c87938bad781bf0a9f288b7ea967443064d3603885d4ee68 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 3071 0.2 1.6 194788 62408 ? Ssl 11:16 0:01 /opt/google-fluentd/embedded/bin/ruby /usr/sbin/google-fluentd  root 3100 0.0 0.1 716096 6264 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/7b49e7d1d6dadc15a9f30beeeb1da8d0a57d2c787b0213e57edae29c37f99baf -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  nobody 3117 0.0 0.4 32768 18864 ? Ssl 11:16 0:00 /monitor --stackdriver-prefix=container.googleapis.com/internal/addons --api-override=https://monitoring.googleapis.com/ --source=fluentd:http://localhost:24231?whitelisted=stackdriver\_successful\_requests\_count,stackdriver\_failed\_requests\_count,stackdriver\_ingested\_entries\_count,stackdriver\_dropped\_entries\_count --pod-id=fluentd-gcp-v3.2.0-8xb4j --namespace-id=kube-system  root 3183 1.0 2.5 407248 98456 ? Sl 11:16 0:07 /opt/google-fluentd/embedded/bin/ruby -Eascii-8bit:ascii-8bit /usr/sbin/google-fluentd --under-supervisor  root 3187 0.0 0.1 714688 6404 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/8f44d343b617ed024459c8df6c89af8268f5b8f3a1038553c36be04d6ae9e09c -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 3204 0.0 0.6 136084 26268 ? Ssl 11:16 0:00 /kube-dns --domain=cluster.local. --dns-port=10053 --config-dir=/kube-dns-config --v=2  root 3319 0.0 0.1 716096 6280 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/b3014a99d0eb29c0a9d8b5fa305fb0d309ca78d60ea34ae8f0a13e9522639e4d -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  nobody 3340 0.0 0.5 33824 22332 ? Ssl 11:16 0:00 /monitor --source=kube-proxy:http://localhost:10249?whitelisted=sync\_proxy\_rules\_latency\_microseconds&metricsPrefix=container.googleapis.com/internal/addons --source=kubelet:http://localhost:10255?whitelisted=docker\_operations,docker\_operations\_errors,runtime\_operations,runtime\_operations\_errors,runtime\_operations\_latency\_microseconds,pleg\_relist\_latency\_microseconds,pod\_start\_latency\_microseconds,rest\_client\_requests\_total,storage\_operation\_duration\_seconds,storage\_operation\_errors\_total,run\_podsandbox\_duration\_seconds,run\_podsandbox\_errors\_total,storage\_operation\_status\_count --stackdriver-prefix=container.googleapis.com/internal/nodes --api-override=https://monitoring.googleapis.com/  root 3514 0.0 0.1 716096 6188 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/1077d45569d8cdaa5e0cbbcdb8da4eed8928255a7c9816cc4d4298469decfc78 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 3535 0.0 0.4 128968 18472 ? Ssl 11:16 0:00 /dnsmasq-nanny -v=2 -logtostderr -configDir=/etc/k8s/dns/dnsmasq-nanny -restartDnsmasq=true -- -k --cache-size=1000 --no-negcache --log-facility=- --server=/cluster.local/127.0.0.1#10053 --server=/in-addr.arpa/127.0.0.1#10053 --server=/ip6.arpa/127.0.0.1#10053  root 3564 0.0 0.0 13040 2084 ? S 11:16 0:00 /usr/sbin/dnsmasq -k --cache-size=1000 --no-negcache --log-facility=- --server=/cluster.local/127.0.0.1#10053 --server=/in-addr.arpa/127.0.0.1#10053 --server=/ip6.arpa/127.0.0.1#10053  root 3652 0.0 0.1 716096 6012 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/3d534e07a8b6c8a9677bb42543eea888e3932a0f4d256e78e276d62f83755e8a -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  nobody 3670 0.0 0.6 130360 24680 ? Ssl 11:16 0:00 /sidecar --v=2 --logtostderr --probe=kubedns,127.0.0.1:10053,kubernetes.default.svc.cluster.local,5,SRV --probe=dnsmasq,127.0.0.1:53,kubernetes.default.svc.cluster.local,5,SRV  root 3706 0.0 0.1 707900 6636 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/5823de165edd37b04d720f0f7cfb761f71d1ca496448f6e159f0618bcd6fe32b -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  nobody 3724 0.0 0.5 32768 19620 ? Ssl 11:16 0:00 /monitor --source=kubedns:http://localhost:10054?whitelisted=probe\_kubedns\_latency\_ms,probe\_kubedns\_errors,dnsmasq\_misses,dnsmasq\_hits --stackdriver-prefix=container.googleapis.com/internal/addons --api-override=https://monitoring.googleapis.com/ --pod-id=kube-dns-79868f54c5-7nszd --namespace-id=kube-system --v=2  root 3860 0.0 0.1 707900 6340 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/4dc122f1bead1dd63fbfb58abcd652b8134afa192d710e61aba4e7743d8d52c0 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 3879 0.0 0.0 1024 4 ? Ss 11:16 0:00 /pause  root 3963 0.0 0.1 707900 6364 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/0aae9356e9b99447d85bf674e77740f90671697a704d77b8895c494e9814fa18 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  nobody 3980 0.0 1.1 62856 42380 ? Ssl 11:16 0:00 /heapster --source=kubernetes.summary\_api:?host\_id\_annotation=container.googleapis.com/instance\_id --sink=stackdriver:?cluster\_name=standard-cluster-1&use\_old\_resources=true&use\_new\_resources=false&min\_interval\_sec=100&batch\_export\_timeout\_sec=110&cluster\_location=us-central1-a  root 4012 0.0 0.1 716096 6076 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/e6ac3aa4152af818dde54e01f69c4465c6dcae49f0080b714e5aad550979342d -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  nobody 4032 0.0 0.5 32768 20524 ? Ssl 11:16 0:00 /monitor --source=heapster:http://localhost:8082?whitelisted=stackdriver\_requests\_count,stackdriver\_timeseries\_count --stackdriver-prefix=container.googleapis.com/internal/addons --api-override=https://monitoring.googleapis.com/ --pod-id=heapster-v1.6.1-cf889d599-r45sq --namespace-id=kube-system  root 4061 0.0 0.1 707900 6276 ? Sl 11:16 0:00 containerd-shim -namespace moby -workdir /var/lib/containerd/io.containerd.runtime.v1.linux/moby/ebbd4d9002e2152f96e75f94d46e3fd0f90bf719be523022c7a3619379ff9432 -address /run/containerd/containerd.sock -containerd-binary /usr/bin/containerd -runtime-root /var/run/docker/runtime-runc  root 4080 0.0 0.5 30480 19344 ? Ssl 11:16 0:00 /pod\_nanny --config-dir=/etc/config --cpu=10m --extra-cpu=0.5m --memory=100Mi --extra-memory=4Mi --threshold=5 --deployment=heapster-v1.6.1 --container=heapster --poll-period=300000 --estimator=exponential --minClusterSize=5  root 5636 0.0 0.1 16220 4804 ? Ss 11:23 0:00 sshd: eddy\_truyen [priv]  eddy\_tr+ 5642 0.0 0.0 16220 2700 ? S 11:23 0:00 sshd: eddy\_truyen@pts/0  eddy\_tr+ 5643 0.0 0.0 9532 3564 pts/0 Ss 11:23 0:00 -bash  root 6560 0.0 0.0 4188 652 ? S 11:27 0:00 sleep 60  root 6779 0.0 0.0 11612 1172 ? S 11:28 0:00 /usr/bin/coreutils --coreutils-prog-shebang=sleep /usr/bin/sleep 10  root 6797 0.0 0.0 11612 1176 ? S 11:28 0:00 /usr/bin/coreutils --coreutils-prog-shebang=sleep /usr/bin/sleep 10  eddy\_tr+ 6798 0.0 0.0 11132 2376 pts/0 R+ 11:28 0:00 ps -aux |
| apiVersion: kubelet.config.k8s.io/v1beta1  authentication:  anonymous:  enabled: false  webhook:  enabled: false  x509:  clientCAFile: /etc/srv/kubernetes/pki/ca-certificates.crt  authorization:  mode: Webhook  cgroupRoot: /  clusterDNS:  - 10.11.240.10  clusterDomain: cluster.local  enableDebuggingHandlers: true  evictionHard:  memory.available: 100Mi  nodefs.available: 10%  nodefs.inodesFree: 5%  featureGates:  DynamicKubeletConfig: false  ExperimentalCriticalPodAnnotation: true  kind: KubeletConfiguration  kubeReserved:  cpu: 60m  ephemeral-storage: 41Gi  memory: 960Mi  readOnlyPort: 10255  staticPodPath: /etc/kubernetes/manifests | apiVersion: kubelet.config.k8s.io/v1beta1  authentication:  anonymous:  enabled: false  webhook:  enabled: true  x509:  clientCAFile: /etc/srv/kubernetes/pki/ca-certificates.crt  authorization:  mode: Webhook  cgroupRoot: /  clusterDNS:  - 10.12.0.10  clusterDomain: cluster.local  configMapAndSecretChangeDetectionStrategy: Cache  enableDebuggingHandlers: true  evictionHard:  memory.available: 100Mi  nodefs.available: 10%  nodefs.inodesFree: 5%  featureGates:  **DynamicKubeletConfig: false**  **ExperimentalCriticalPodAnnotation: true**  **NodeLease: false**  **RotateKubeletServerCertificate: true**  **TaintBasedEvictions: false**  kind: KubeletConfiguration  kubeReserved:  cpu: 60m  ephemeral-storage: 41Gi  memory: 960Mi  readOnlyPort: 10255  serverTLSBootstrap: true  staticPodPath: /etc/kubernetes/manifests  Kubeproxy --feature-gates=DynamicKubeletConfig=false,NodeLease=false,TaintBasedEvictions=false,RotateKubeletServerCertificate=true,ExperimentalCriticalPodAnnotation=true |