194 mkdir workloads

195 cd workloads/

196 vi sing-pod.yaml

197 cat sing-pod.yaml

198 kubectl explain pod

199 kubectl explain pod.apiVersion

200 kubectl explain pod.kind

201 cat sing-pod.yaml

202 kubectl explain pod.spec

203 kubectl explain pod.spec.containers

204 cat sing-pod.yaml

205 kubectl apply -f sing-pod.yaml

206 kubectl get pods

207 kubectl get pods -o wide

208 kubectl apply -f sing-pod.yaml

209 cat sing-pod.yaml

210 kubectl describe pod nginx

211 kubectl apply -f sing-pod.yaml

212 vi multi-cont

213 cat multi-cont

214 cat sing-pod.yaml

215 cat multi-cont

216 vi multi-cont

217 cat sing-pod.yaml

218 cat multi-cont

219 kubectl apply -f multi-cont

220 kubectl get pods

221 kubectl get pods -o wide

222 kubectl describe pod multicontainer-pods

223 kubectl get pods

224 kubectl delete pod nginx

225 kubectl get pods

226 kubectl delete -f multi-cont

227 cat multi-cont

228 history

229 cat multi-cont

230 vi multi-cont

231 kubectl apply -f multi-cont

232 kubectl get pods

233 vi init

234 cat init

235 kubectl apply -f init

236 kubectl get pods

237 kubectl get pods -w

238 cat init

239 kubectl get pods

240 kubectl get pods -o wide

241 kubectl describe pod purple

242 vi res

243 cat res

244 kubectl apply -f res

245 k get pods -o wide

246 alias k=kubectl

247 k get pods -o wide

248 cat res

249 k describe pod rl-pod

250 k get pods

251 k explain pod.spec.initcontainers

252 k explain pod.spec.initc

253 k explain pod.spec.initContainers

254 k explain pod.spec.initContainers | grep -i resources

255 k explain pod.spec.initContainers.resources

256 k explain pod.spec.initContainers.resources --recursive

257 k explain pod.spec.initContainers --recursive

258 k get pods

259 k get pods -A | grep master

260 k get pods

261 k get pods -o wide

262 k delete pod static-web-worker02

263 k get pods -o wide

264 vi multi-cont

265 k describe multicontainers-pod

266 k describe multicontainer-pods

267 k describe pod multicontainer-pods

268 k apply -f multi-cont

269 k get pods

270 k delete pod multicontainer-pods

271 k apply -f multi-cont

272 k describe pod multicontainer-pods

273 cat sing-pod.yaml

274 vi deploy

275 cat sing-pod.yaml

276 cat deploy

277 k get pods -o wide

278 cat deploy

279 k explain deploy

280 k apply -f deploy

281 k get deploy

282 k get deployments

283 k get po

284 k get rs

285 k get replicaset

286 k get po -o wide

287 cat deploy

288 kubectl set image deployment/nginx-deployment nginx=nginx:1.16.1

289 k get deploy

290 k get pods

291 k rollout history deploy/nginx-deployment

292 k rollout history deploy/nginx-deployment --revision=1

293 k rollout history deploy/nginx-deployment --revision=2

294 k get rs

295 k get po

296 k rollout history deploy/nginx-deployment

297 kubectl set image deployment/nginx-deployment nginx=nginx:wwwwwww

298 k rollout history deploy/nginx-deployment

299 k rollout history deploy/nginx-deployment --revision=3

300 k rollout status deploy/nginx-deployment

301 k get deploy

302 k get rs

303 k get pod | grep deplo

304 k describe pod nginx-deployment-7cf457c5d-thcvp

305 k get deploy

306 k rollout history deploy/nginx-deployment

307 k rollout undo deploy/nginx-deployment

308 k rollout history deploy/nginx-deployment

309 k rollout history deploy/nginx-deployment --revision=2

310 k rollout history deploy/nginx-deployment --revision=4

311 k rollout history deploy/nginx-deployment

312 k rollout undo deploy/nginx-deployment --to-revision=1

313 k rollout history deploy/nginx-deployment

314 k rollout history deploy/nginx-deployment --revision=5

315 cat deploy

316 k get deploy

317 kubectl scale deployment/nginx-deployment --replicas=5

318 k get deploy

319 k get rs

320 k get pod | grep depl

321 k exec -it nginx-deployment-66b6c48dd5-t4k6r -- /bin/sh

322 k exec -it nginx-deployment-66b6c48dd5-t4k6r -- env

323 k exec -it nginx-deployment-66b6c48dd5-t4k6r -- ls

324 vi daemon

325 cat daemon

326 k apply -f daemon

327 k get ds

328 k get ds -n kube-system

329 k get pods -o wide | grep fluent

330 k get pods -o wide -A | grep fluent

331 history

332 alias k=kubectl

333 k explain deployment

334 k explain deployment.apiVersion

335 k explain deployment

336 k explain deployment.apiVersion

337 k explain deployment.spec --recursive

338 k explain job

339 k explain job.apiVersion

340 cd workloads/

341 vi jobs

342 cat jobs

343 k apply -f jobs

344 k get jobs

345 k get pods

346 k get ds -A

347 k get pods

348 k explain cronJobs

349 k explain cronJobs.spec

350 wget https://k8s.io/examples/application/job/cronjob.yaml

351 ls

352 cat cronjob.yaml

353 cat jobs

354 cat cronjob.yaml

355 k apply -f cronjob.yaml

356 k explain cronJob.apiVersion

357 vi cronjob.yaml

358 cat cronjob.yaml

359 k apply -f cronjob.yaml

360 k get cronjob

361 k get jobs

362 k get pods | grep helo

363 k get pods | grep hel

364 k get jobs

365 k get pods | grep hel

366 k delete -f cronjob.yaml

367 k get pods | grep hel

368 k get nodes -o wide

369 k get pods

370 k get pods -o wide

371 k get nodes

372 vi env

373 k apply -f env

374 k get pod | grep env

375 k exec -it envar-demo -- env

376 env

377 k exec -it envar-demo -- env

378 k get pod envar-demo

379 cat env

380 vi cm

381 cat cm

382 k apply -f cm

383 k get cm

384 k describe cm game-demo

385 alias k=kubectl

386 k get cm

387 vi cm-env

388 k apply -f cm-env

389 k get pod pod/dapi-test-pod01

390 k get pod dapi-test-pod01

391 k logs dapi-test-pod01

392 vi cm-env

393 k delete -f cm-env

394 rm cm-env

395 vi cm-env

396 k apply -f cm-env

397 k logs dapi-test-pod01

398 cat cm-env

399 k describe cm game-demo

400 vi cm-env2

401 cat cm-env2

402 k apply -f cm-env2

403 k get pods | grep pod02

404 k logs dapi-test-pod02

405 k describe cm game-demo

406 vi sec

407 cat sec

408 k apply -f sec

409 k get secret

410 k describe secret mysecret

411 cat sec

412 vi sec-pod

413 k apply -f sec-pod

414 k log secret-env-pod

415 k logs secret-env-pod

416 k exec -it secret-env-pod -- env

417 k get pods --show-labels

418 alias k=kubectl

419 k get pods --show-labels

420 k get pods -l app=nginx

421 cat workloads/deploy

422 k get pods --show-labels

423 k get pods -l app=nginx

424 k get deploy

425 k get rs

426 k get pods -l app=nginx

427 k get rs --show-labels

428 k get all -l app=nginx

429 cat workloads/deploy

430 k get all -l app=nginx

431 cd workloads/

432 wget https://raw.githubusercontent.com/sparkmbt/sparkmbt/main/kubesample.yaml

433 cat kubesample.yaml

434 [A

435 cat kubesample.yaml

436 k apply -f kubesample.yaml

437 k get deploy

438 k get pods --show-labels

439 k get pods -l app=kubesample,tier=frontend

440 k get pods -l 'tier in frontend'

441 k get pods -l 'tier in (frontend)'

442 k get pods -l 'tier notin (frontend)'

443 kubectl get pods -l 'tier in (backend), role notin (slave)'

444 k describe pod redis-master-85547b7b9-qv285

445 k get pods --show-labels

446 k get ns

447 k create ns test

448 k apply -f kubesample.yaml -n test

449 k get pods -n test

450 cat res

451 k explain resourceQuota

452 k create ns test2

453 k delete ns test2

454 k get all -n test

455 k delete ns test

456 k get all -n test

457 k api-rescources

458 kubectl api-rescources

459 kubectl api-resources

460 k get pods --show-labels

461 k get pods -l purpose=demonstrate-envars

462 k explain pod.spec --recursive

463 vi ex1

464 k apply -f ex1

465 k api-resources

466 vi ex1

467 k apply -f ex1

468 vi ex1

469 cat ex1

470 vi ex1

471 k apply -f ex1

472 k get deploy

473 k get deploy -w

474 apt-get --help

475 helm

476 sudo snap install helm

477 sudo snap install helm --classic

478 helm version

479 helm repo add bitnami https://charts.bitnami.com/bitnami

480 helm repo update

481 helm search repo bitnami

482 helm install nginx-helm bitnami/nginx

483 k get deploy

484 k describe deploy nginx-helm

485 k get pods

486 k get svc

487 curl http://localhost:30333

488 helm uninstall nginx-helm

489 k get deploy

490 cat kubesample.yaml

491 git clone https://github.com/IBM/helm101.git

492 cd helm101/

493 cd charts/

494 ls

495 k delete -f ../../kubesample.yaml

496 helm install guestbook ./guestbook/

497 k get deploy

498 k get pods

499 k get svc

500 curl http://localhost:31537

501 history

502 mkdir scheduling

503 cd scheduling/

504 vi node-name

505 vi node-selector

506 vi node-aff

507 vi tt

508 vi pod-aff

509 mv pod-aff pod-aff-redis

510 vi pod-aff-web

511 cd ..

512 alias k=kubectl

513 k get nodes

514 k api-resources | grep node

515 k get pods -A | grep sche

516 k get nodes

517 k describe node worker01

518 cd scheduling/

519 cat node-name

520 k apply -f node-name

521 k get pod node-name-pod -o wide

522 k delete -f node-name

523 vi node-name

524 k apply -f node-name

525 k get pod node-name-pod -o wide

526 k gte nodes

527 k get nodes

528 cat node-selector

529 cat node-name

530 kubectl label node worker01 environment=production

531 k get nodes --show-labels

532 k describe node worker01 | grep envir

533 k label --help

534 k describe node worker01 | grep envir

535 cat node-sc

536 cat node-selector

537 k apply -f node-selector

538 k get pod node-selector-pod -o wide

539 k describe pod node-selector-pod

540 k get nodes -l environment=production

541 k describe node worker01

542 k describe node worker02

543 k describe node worker01

544 history

545 k taint node worker02 type=gpu:NoSchedule

546 k describe node worker02 | grep taint

547 k describe node worker02 | grep -i taint

548 k get pods -o wide | grep worker02

549 cat tt

550 k describe node worker02 | grep -i taint

551 k apply -f tt

552 k get pod test-taint-pod -o wide

553 k get nodes

554 k get nodes --show-lables

555 k get nodes --show-labels

556 k delete -f tt

557 k describe node worker02 | grep -i taint

558 cat tt

559 k apply -f tt

560 k get pods test-taint-pod -o wide

561 k describe pod test-taint-pod

562 k get nodes

563 k get pods -A -o wide

564 k get pods -A -o wide | grep master

565 k describe node master

566 cat ../workloads/ds

567 cat ../workloads/daemon

568 k describe node master | grep Ta

569 cat ../workloads/daemon

570 k get pods -A | grep flent

571 k get pods -A | grep fluent

572 k get pods -A -o wide | grep fluent

573 k describe node master | grep Ta

574 k describe node worker01 | grep Ta

575 k describe node worker02 | grep Ta

576 k taint node worker02 type=gpu:NoSchedule-

577 k describe node worker02 | grep Ta

578 k get nodes --show-labels

579 k label node worker01 environment-

580 k get nodes --show-labels

581 cat node-aff

582 cat node-selector

583 cat node-aff

584 k label node woker01 environment=production,disktype=ssd

585 k label node woker01 environment=production disktype=ssd

586 k label node worker01 environment=production disktype=ssd

587 k get nodes --show-labels

588 k label node worker02 environment=production

589 k get nodes --show-labels

590 cat node-aff

591 k apply -f node-aff

592 k get pods affinity-pod -o wide

593 k describe pod affinity-pod

594 cat node-aff

595 k get nodes --show-labels

596 k get nodes -l environment=production

597 k get pods -l app=store -o wide

598 cat pod-aff-redis

599 k apply -f pod-aff-redis

600 k get pods -l app=store -o wide

601 k get nodes

602 cat pod-aff-web

603 k get pods -l app=web-store -o wide

604 cat pod-aff-web

605 k apply -f pod-aff-web

606 k get pods -l app=web-store -o wide

607 k get pods -l app=web-store, app=store -o wide

608 k get pods -l app=web-store -o wide

609 k get pods -l app=store -o wide

610 cat pod-aff-web

611 k get pods -l app=store -o wide

612 k get pods -l app=web-store -o wide

613 k get nodes --show-labels

614 cat pod-aff-redis

615 cd ..

616 cd workloads/

617 vi ex2

618 k apply -f ex2

619 k get pod wegotan-oomer

620 k get pods | grep wegotan-oomer

621 vi ex

622 k describe pod wegotan-oomer-75986dfb47-4q9mq

623 k delete -f ex2

624 vi ex2

625 k apply -f ex2

626 k describe pod wegotan-oomer-75986dfb47-4q9mq

627 k get pods | grep wegotan-oomer

628 k delete -f ex2

629 vi ex2

630 k apply -f ex2

631 k get pods | grep wegotan-oomer

632 hostname

633 ping ip-172-31-20-239

634 man ping

635 kubectl get pods -o wide | grep front

636 kubectl get pods -o wide -n test

637 alias k=kubectl

638 k get nodes

639 k get nodes -o wide

640 ping 172.31.31.237

641 k get nodes -o wide

642 k get pods -o wide

643 k get svc -o wide

644 k get ds -n kube-system

645 k get pods -n kube-proxy | grep proxy

646 k get pods -n kube-system | grep proxy

647 k get pods -n kube-system -o wide | grep proxy

648 k get pods -l app=kubesample

649 k get pods -l app=kube

650 k get pods

651 k get pods | grep deplo

652 cd workloads/ls

653 cd workloads/

654 ls

655 k apply -f kubesample.yaml

656 k get pods

657 k get deploy

658 k get pods -o wide | grep frontend

659 k get svc frontend

660 k get svc

661 k get pods -o wide | grep frontend

662 k get svc frontend

663 cat kubesample.yaml

664 k describe svc frontend

665 k get svc frontend

666 k get pods -o wide | grep frontend

667 k get svc frontend

668 k get ep frotend

669 k get ep frontend

670 k get svc

671 cat kubesample.yaml

672 k get svc frontend

673 curl http://localhost:32444

674 curl http://172.31.20.239:32444

675 cat kubesample.yaml

676 k get svc

677 k get deploy frontend

678 k get svc frontend

679 k get ns

680 k create ns test

681 k get ns

682 vi deploy-svc

683 cat deploy-svc

684 k apply -f deploy-svc

685 k delete -f deploy-svc

686 k apply -f deploy-svc -n test

687 k get deplo -n test

688 k get deploy -n test

689 cat kubesample.yaml

690 k expose deploy/my-nginx -n test

691 k get svc

692 k get svc -n test

693 k describe svc my-nginx

694 k describe svc my-nginx -n test

695 k get ep -n test

696 k get pods -o wide -n test

697 k get svc -n kube-system

698 k get deploy -n tes

699 k get deploy -n test

700 k get svc -n test

701 k get deploy frontend

702 k get svc frontend

703 k get pod | grep fron

704 k exec frontend-667b6d7d5d-7rklv -- nslookup

705 k exec frontend-667b6d7d5d-7rklv -- ping redis

706 k exec frontend-667b6d7d5d-7rklv -- "ping redis"

707 k exec -it frontend-667b6d7d5d-7rklv /bin/sh

708 kubectl run curl --image=radial/busyboxplus:curl -i --tty

709 k get svc

710 netstat

711 k get svc

712 netstat -nltp

713 vi ing-deploy

714 cat ing-deploy

715 k apply -f ing-deploy

716 k get deploy

717 kubectl expose deployment cart --name cart --port 80

718 kubectl expose deployment orders --name orders --port 80 --target-port 8080

719 kubectl expose deployment accounts --name accounts --port 80

720 cat ing-deploy

721 history

722 k describe svc orders

723 k get ep

724 k get svc

725 k describe svc orders

726 cat ing-deploy | grep -i containerpor

727 history

728 kubectl apply -f https://raw.githubusercontent.com/kubernetes/ingress-nginx/main/deploy/static/provider/baremetal/deploy.yaml

729 kubectl get svc -n ingress-nginx ingress-nginx-controller

730 k get svc ingress-nginx-controller -n ingress-nginx

731 vi ing

732 cat in

733 cat ing

734 k apply -f ing

735 k describe ingress ingress-demo

736 k get e[

737 k get ep

738 curl http://localhost:32184/cart

739 vi ing

740 k delete ingress ingress-demo

741 k apply -f ing

742 k describe ingress ingress-demo

743 curl http://localhost:32184/cart

744 curl http://localhost:32184/orders

745 curl http://localhost:32184/accounts

746 k describe ingress ingress-demo

747 history

748 curl http://localhost:32184/accounts

749 curl http://localhost:32184/account

750 curl http://localhost:32184/accou

751 curl http://localhost:32184/account

752 k describe ingress ingress-demo

753 curl http://localhost:32184/accoun

754 curl http://localhost:32184/frontend

755 curl http://localhost:32184/accountssssss

756 curl http://localhost:32184/accounts12345

757 curl http://localhost:32184/account122334343254543

758 curl http://localhost:32184/cart12323343

759 curl http://localhost:32184/cart12323343/

760 cd ..

761 mkdir storage

762 cd storage/

763 vi cm

764 vi sec

765 k get cm

766 k get secret

767 k describe cm game-demo

768 k describe secret mysecret

769 cat cm

770 k explain pod.spec.volumes

771 cat cm

772 k get cm

773 k apply -f cm

774 k get pods | grep conf

775 k exec -it configmap-pod -- /bin/sh

776 cat cm

777 k exec -it configmap-pod -- /bin/sh

778 k describe cm game-demo

779 k exec -it configmap-pod -- /bin/sh

780 cat cm

781 k exec -it configmap-pod -- /bin/sh

782 cat sec

783 k get secret

784 k describe secret mysecret

785 k apply -f sec

786 cat sec

787 k exec -it secret-pod -- /bin/sh

788 k describe secret my-secret

789 k describe secret mysecret

790 cd storage/

791 ls

792 vi emp

793 unzip

794 cd ..

795 cd /tmp/

796 git clone https://github.com/sparkmbt/sparkmbt.git

797 cd st

798 ls

799 cd sto

800 cd sparkmbt/

801 ls

802 unzip Storage.zip

803 ls

804 mv Storage/\* ~/storage/.

805 cd ~/storage/

806 s

807 ls

808 history

809 cat ../workloads/kubesample.yaml

810 kubectl get ep

811 cat ../workloads/kubesample.yaml

812 cat pod-vol-emptyDir.yaml

813 alias k=kubectl

814 k apply -f pod-vol-emptyDir.yaml

815 k get pods sharevol

816 k get pods sharevol -o wide

817 k exec sharevol -- /bin/sh

818 k exec sharevol -c c1 -- ls /tmp

819 k exec sharevol -c c1 -- ls /tmp/xchange

820 k exec sharevol -c c1 -- touch /tmp/xchange/file-c1

821 k exec sharevol -c c1 -- ls /tmp/xchange

822 k exec sharevol -c c2 -- ls /tmp/

823 k exec sharevol -c c2 -- ls /tmp/data

824 k exec sharevol -c c2 -- touch /tmp/xchange/file-c2

825 k exec sharevol -c c2 -- touch /tmp/data/file-c2

826 k exec sharevol -c c2 -- ls /tmp/data

827 k exec sharevol -c c1 -- ls /tmp/xchnage

828 k exec sharevol -c c1 -- ls /tmp/xchange

829 k exec sharevol -c c2 -- ls /tmp/data

830 cat pod-vol-emptyDir.yaml

831 k exec sharevol -c c2 -- ls /tmp/data

832 k exec sharevol -c c1 -- ls /tmp/xchange

833 k delete pod share vol

834 k delete pod sharevol

835 k apply -f pod-vol-emptyDir.yaml

836 k exec sharevol -c c1 -- ls /tmp/xchange

837 k exec sharevol -c c2 -- ls /tmp/data

838 cat pod-vol-dir.yaml

839 ls /var/log/

840 vi pod-vol-dir.yaml

841 k apply -f pod-vol-dir.yaml

842 k get pod webapp

843 k exec webapp -- ls /log

844 cat pod-vol-dir.yaml

845 k exec webapp -- ls /log

846 k get pod webapp -o wide

847 k exec webapp -- ls /log

848 k exec webapp -- touch /log/simplilearn

849 cat cm

850 cat sec

851 k exec secret-pod -- ls /etc

852 k exec secret-pod -- ls /etc/foo

853 k exec secret-pod -- cat /etc/foo/username

854 k exec secret-pod -- cat /etc/foo/password

855 cat pod-vol-dir.yaml

856 k api-resources

857 k explain pv

858 k explain pv.spec

859 ls

860 cat pv

861 cat pv.yaml

862 k apply -f pv.yaml

863 k get pv

864 cat pvc.yaml

865 k apply -f pvc.yaml

866 k get pvc

867 k get pv

868 cp pvc.yaml pvc-2

869 vi pvc-2

870 k apply -f pvc-2

871 k get pv

872 k get pvc

873 cat pvc.Y

874 cat pvc.yaml

875 cp pvc.yaml pvc-ns

876 vi pvc-ns

877 k apply -f pvc-ns -n test

878 k get pvc

879 k get pvc - ntest

880 k get pvc -n test

881 cat pod-pvc.yaml

882 k explain pod.spec.volumes | grep persistentVolumeClaim

883 cat pv.yaml

884 cat pvc.yaml

885 cat pod--pv

886 cat pod-pvc.yaml

887 k get pvc

888 k get pvc -o wide

889 k apply -f pod-pvc.yaml

890 k get pods task-pv-pod

891 cat pod-pvc.yaml

892 k exec task-pv-pod -- ls /usr/share/nginx/html

893 k exec task-pv-pod -- touch /usr/share/nginx/html/file1

894 k exec task-pv-pod -- touch /usr/share/nginx/html/file2

895 k exec task-pv-pod -- ls /usr/share/nginx/html

896 k get pods task-pv-pod -o wide

897 cat pv.yaml

898 k delete -f pod-pvc.yaml

899 k apply -f pod-pvc.yaml

900 k exec task-pv-pod -- ls /usr/share/nginx/html

901 k get pods task-pv-pod -o wide

902 cat pv.yaml

903 k delete -f pod-pvc.yaml

904 vi pod-pvc.yaml

905 k apply -f pod-pvc.yaml

906 k get pods task-pv-pod -o wide

907 k exec task-pv-pod -- ls /usr/share/nginx/html

908 cat pv.yaml

909 k explain pv.spec

910 k explain pv.spec.cinder

911 k explain pv.spec

912 k explain pv.spec.awsElasticBlockStore

913 cat pv-rwm.yaml

914 cat pv.yaml

915 kubectl apply -f pv-rwm.yaml

916 k get pv

917 k get pvc

918 k describe pvc task-pv-claim-01

919 cat pvc-2

920 k get pv

921 k get pvc

922 cat pvc.yaml

923 cat pvc-rwm.yaml

924 kubectl apply -f pvc-rwm.yaml

925 k get pv

926 k get pcx

927 k get pvc

928 k get pvc -n test

929 cat pod-pvc-rwm.yaml

930 k apply -f pod-pvc-rwm.yaml

931 k get pods sharevol-rwm -o wide

932 k exec sharevol-rwm -c c1 -- ls /tmp

933 k exec sharevol-rwm -c c1 -- ls /tmp/xchange

934 k exec sharevol-rwm -c c1 -- touch /tmp/xchange/file-cont1

935 k exec sharevol-rwm -c c2 -- ls /tmp/data

936 k exec sharevol-rwm -c c2 -- touch /tmp/data/file-cont2

937 k exec sharevol-rwm -c c2 -- ls /tmp/data

938 cat pv-rwm.yaml

939 k get nodes -o wide

940 k delete -f pod-pvc-rwm.yaml

941 k apply -f pod-pvc-rwm.yaml

942 k get nodes -o wide

943 k get pods sharevol-rwm -o wide

944 k exec sharevol-rwm -c c2 -- ls /tmp/data

945 k exec sharevol-rwm -c c1 -- ls /tmp/xchange

946 history

k explain quota.spec

977 k explain quota.spec.hard

978 k explain quota.spec.hard --recurrsive

979 k explain quota.spec.hard --recursive

980 k explain quota.spec.hard --recursive | grep pods

981 alias k=kubectl

982 kget svc -n alpha

983 k get svc -n alpha

984 k get ep -n alpha

985 k describe svc mysql-service -n alpha

986 k describe pod mysql -n alpha

987 k describe pod mysql -n alpha | grep Port

988 k describe svc mysql-service -n alpha

989 k delete -f ex2

990 cd troubleshooting/

991 k delete -f ex2

992 vi ex2

993 k apply -f ex2

994 k get all -n alpha

995 curl http://localhost:30081

996 k delete -f ex2

997 diff rm2 rm3

998 diff ex2 ex3

999 cat ex2

1000 k apply -f ex3

1001 curl http://localhost:30081

1002 k delete -f ex3

1003 vi ex3

1004 k apply -f ex3

1005 curl http://localhost:30081

1006 k get ns

1007 kubectl create role developer --verb=create --verb=get --verb=list --verb=update --verb=delete --resource=pods -n test

1008 k get roles -n test

1009 k describe role developer -n test

1010 kubectl create rolebinding developer-binding-swami --role=developer --user=swami -n test

1011 k describe rolebinding -n test

1012 k get pods -n test

1013 k get pods -n test --as swami

1014 k get nodes -n test --as swami

1015 k get cm -n test --as swami

1016 kubectl create clusterrole nodes-admin --verb=get,list,watch,create,delete --resource=nodes

1017 kubectl create clusterrolebinding nodes-admin-binding-swami --clusterrole=nodes-admin --user=swami

1018 k get nodes --as swami