Книги:

The Kubernetes Book by Nigel Poulton

Kubernetes: Up and Running by Joe Beda, Kelsey Hightower, and Brendan

Mastering Kubernetes: Level up your container orchestration skills with Kubernetes

**Занятие 2: Знакомство с Kubernetes. Основные понятия и архитектура**

Не забудьте настроить автодополнение для используемого shell: [https://kubernetes.io/ru/docs/reference/kubectl/cheatsheet/#kubectl-autocomplete](https://kubernetes.io/ru/docs/reference/kubectl/cheatsheet/%23kubectl-autocomplete)

**Занятие 3: Механика запуска и взаимодействия контейнеров в Kubernetes**

Сперва перед статьей хорошо взглянуть на доку по архитектуре логгинга: <https://kubernetes.io/docs/concepts/cluster-administration/logging/>

Сама статья: <https://sematext.com/guides/kubernetes-logging/>

Дополнительно можно почитать:

<https://medium.com/ekraalhub/centralized-logging-and-monitoring-with-kubernetes-dfe6048fce09>

<https://www.oreilly.com/library/view/centralized-logging-and/9781838558673/>

**Занятие 4 Сетевая подсистема в Kubernetes**

<https://microservices.io/patterns/>

<https://doc.powerdns.com/authoritative/appendices/types.html>

Проблема с DNS:

[docker-alpine/caveats.md at master · gliderlabs/docker-alpine · GitHub](https://github.com/gliderlabs/docker-alpine/blob/master/docs/caveats.md)

[musl libc - Functional differences from glibc (musl-libc.org)](https://wiki.musl-libc.org/functional-differences-from-glibc.html)

[Kubernetes pods /etc/resolv.conf ndots:5 option and why it may negatively affect your application performances (pracucci.com)](https://pracucci.com/kubernetes-dns-resolution-ndots-options-and-why-it-may-affect-application-performances.html)

LoadBalancers:

[Bare-metal considerations - Ingress-Nginx Controller (kubernetes.github.io)](https://kubernetes.github.io/ingress-nginx/deploy/baremetal/)

[otus-platform-snippets/Module-02/Networks at master · express42/otus-platform-snippets · GitHub](https://github.com/express42/otus-platform-snippets/tree/master/Module-02/Networks)

<https://kubernetes.io/ru/docs/tasks/configure-pod-container/configure-liveness-readiness-startup-probes/>

<https://www.digihunch.com/2020/11/ipvs-iptables-and-kube-proxy/>

[Kubernetes Services and Iptables (msazure.club)](https://msazure.club/kubernetes-services-and-iptables/)

[kubernetes/README.md at master · kubernetes/kubernetes · GitHub](https://github.com/kubernetes/kubernetes/blob/master/pkg/proxy/ipvs/README.md)

[kube-proxy in IPVS mode breaks MetalLB IPs · Issue #153 · metallb/metallb (github.com)](https://github.com/metallb/metallb/issues/153)

https://kubernetes.io/blog/2018/07/09/ipvs-based-in-cluster-load-balancing-deep-dive/

[https://github.com/kubernetes/kubernetes/blob/1cb3b5807ec37490b4582f22d991c043cc468195/pkg/proxy/apis/config/types.go#L185](https://github.com/kubernetes/kubernetes/blob/1cb3b5807ec37490b4582f22d991c043cc468195/pkg/proxy/apis/config/types.go" \l "L185)

[https://kubernetes.github.io/ingress-nginx/deploy/#bare-metal](https://kubernetes.github.io/ingress-nginx/deploy/" \l "bare-metal)