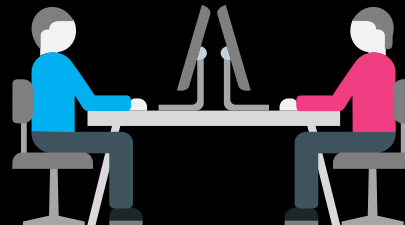


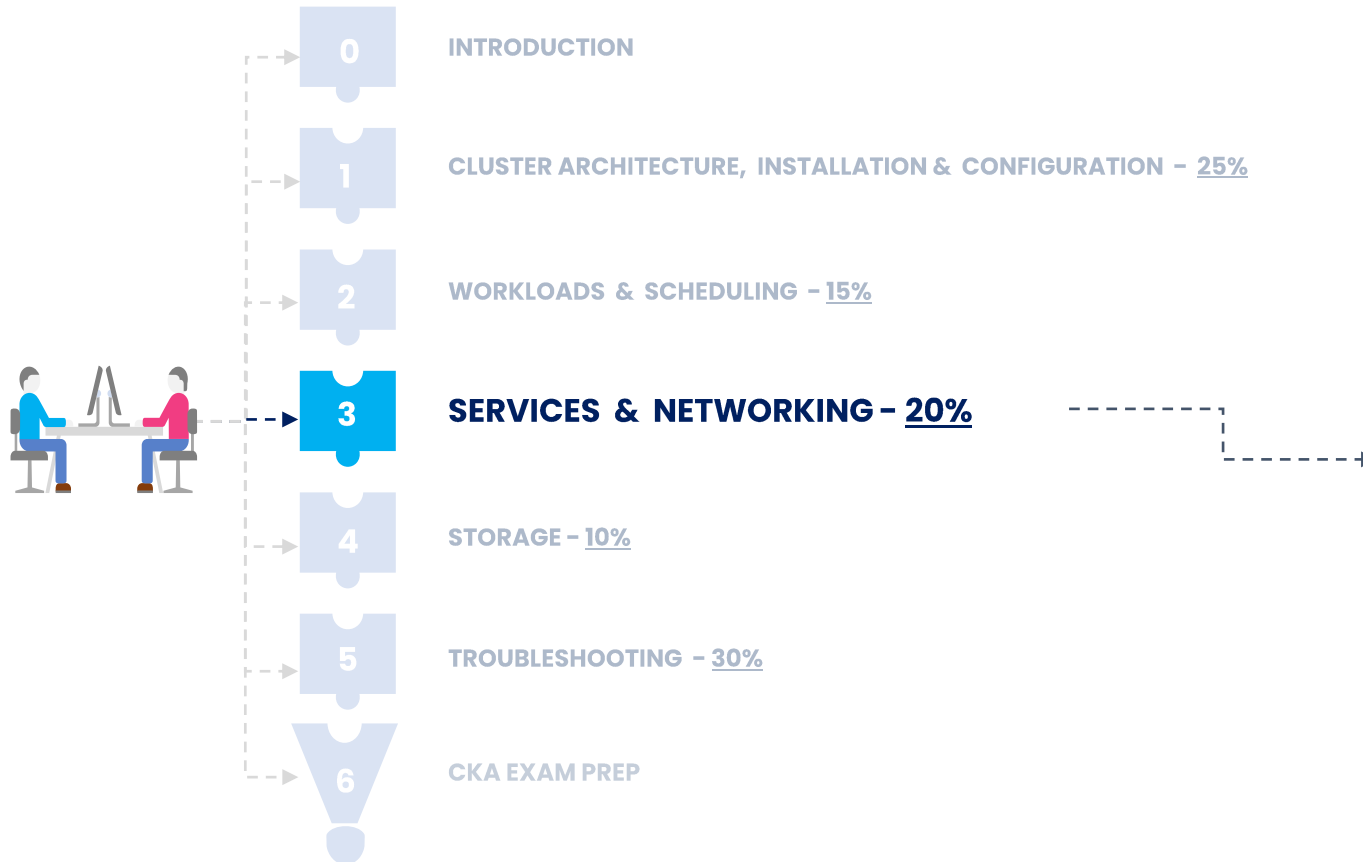


Section-3

Services & Networking

Ultimate CKA™
Certified Kubernetes Administrator





3. SERVICES & NETWORKING (20%)

- a. Basic Network Terminology
- b. Kubernetes Cluster Networking & Ports
- c. CNI: Overview | Choosing CNI | Further Reading
- d. Connectivity between:
 - I. Container-To-Container
 - II. Pod-To-Pod | Pod-To-Service | Internet-To-Service
- e. Services:
 - I. Overview
 - II. Service Types : Cluster IP, NodePort, LoadBalancer
 - III. Kube-Proxy | Further Reading
- f. DNS:
 - a. Overview |
 - b. CoreDNS & KubeDNS | Further Reading
- e. Service Discovery:
 - I. Service Discovery Through Environment Variables
 - II. Service Discovery Through DNS | Demo | Exercise | Further Reading
- f. Endpoint: Overview | YAML | Demo | Exercises | Further Reading
- g. Ingress:
 - I. Ingress Controller
 - II. Ingress Rules
 - III. Ingress Resources
 - IV. Ingress: Demo | Exercise | Further Reading