Advanced Networked Systems SS24

Exercise 5: Programmable Networks – B

1 Basic Concepts

Question 1: How does Click simplify the programming of network functions?

Question 2: How does RouteBricks handle the scalability issue in software network functions?

Question 3: What are the typically approach for handling non-partitionable network function states when scaling network functions?

Question 4: How does eBPF bring programmability into the Linux networking stack?

Question 5: Explain the two models of RDMA and how they work.