Department of Computer Engineering

Computer Networks

Homework 3

Dr. Jafari

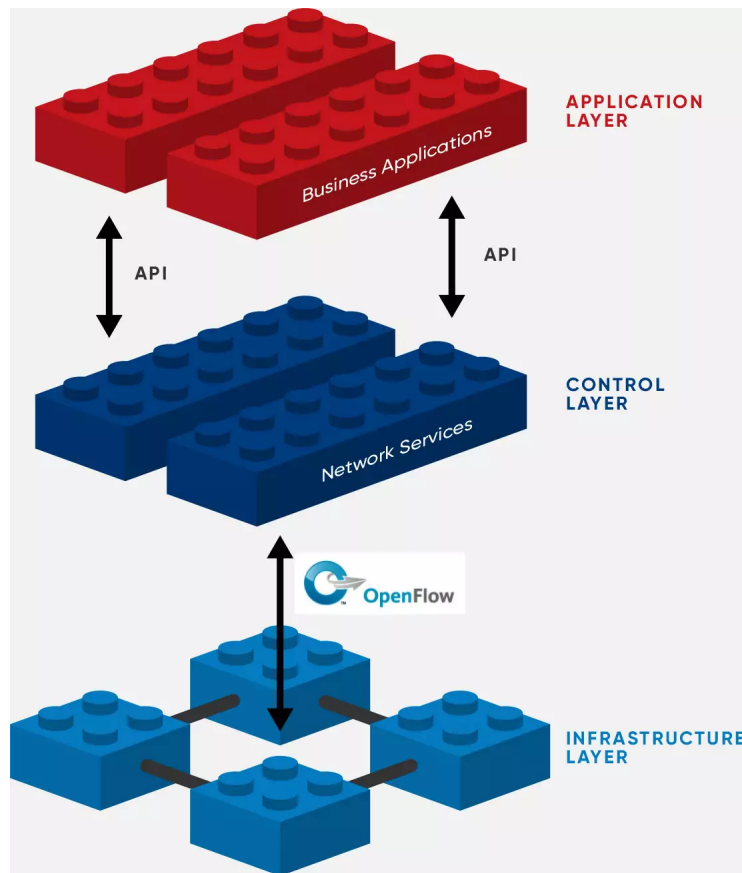Parsa Mohammadian — 98102284

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Contents

Figure 1: SDN Architecture

1

Software-Defined Networking or SDN is a networking architecture that uses software-based controllers or APIs[1] to implement network functions for hardware-based infrastructure.
The architecture of SDN is shown in Figure 1. Since the control layer of network is decoupled from the infrastructure layer, SDN has the following criterias:

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Resources

- https://youtube.com/watch?v=Z5Gi2Bpd82M

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[1]Application Programming Interface

- https://youtube.com/watch?v=Nh2hXUuKXyQ

- https://opennetworking.org/sdn-definition/

2

2.1

2.2

3

3.1

3.2

4

4.1

4.2

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