

Network Architectures 3329
Spring 2018
03/30/18

Name: _____

Quiz 9-2

Time Limit: 5 minutes

- **Print your name.**
- Close-book policy: You may not use the text, my class notes and/or any notes and study guides you have created. You may use a calculator. You may not use a cell phone or computer.

Problem	Points	Score
1	1	
2	1	
3	1	
4	1	
5	1	
Total:	5	

1. (1 point) IPv6 aims to improve performance as well as add new facility. Which of the following feature(s) is(are) designed for improving performance?
 - A. fixed-length header
 - B. disallow fragmentation
 - C. remove checksum
 - D. all of the above**

2. (1 point) An SDN switch can simulate the behavior of a load balancer by what action(s)?
 - A. forward packet
 - B. send to normal processing pipeline
 - C. modify fields
 - D. all of of the above**

3. (1 point) With SDN, the packet matching fields can contain fields from
 - A. link layer
 - B. network layer
 - C. transport layer
 - D. all of the above**

4. (1 point) Software-defined networking unifies the behavior of
 - A. router
 - B. load balancer
 - C. firewall
 - D. all of the above**

5. (1 point) Forwarding in software-defined networking is more flexible, enabling the following behavior(s) that is(are) impossible with traditional destination-based forwarding.
 - A. firewall
 - B. load balancer**
 - C. NAT
 - D. all of the above