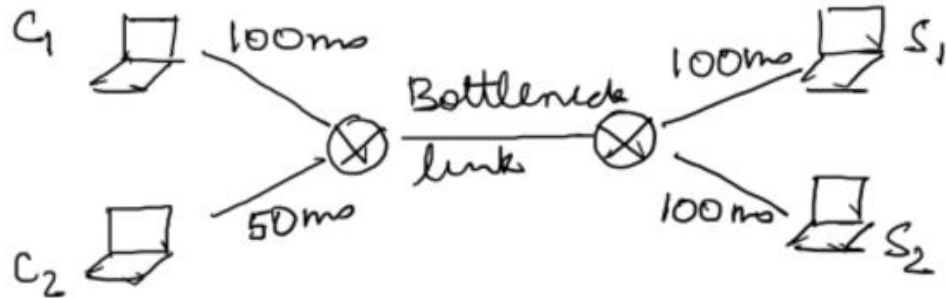


Quiz on Moodle. Password: transport

CCA1

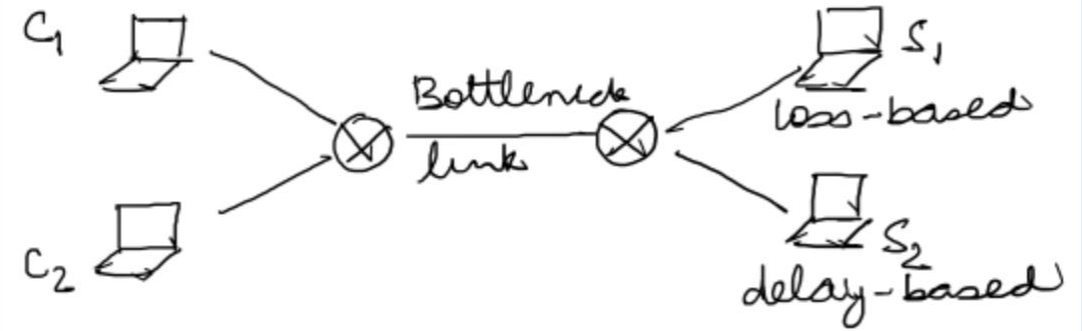


C_1 and C_2 are downloading large files from S_1 and S_2 , respectively.

Case1: S_1 and S_2 use TCP Reno

Case 2: S_1 and S_2 use TCP CUBIC

CCA2



C_1 and C_2 are downloading large files from S_1 and S_2 , respectively.

CCA Performance: Consider a network with an RTT of 100 ms and an MSS of 1000 bytes. Assuming TCP Reno, what is the average throughput if the congestion window varies from 100 MSS to 200 MSS?

Started on	Friday, 24 October 2025, 9:45 AM
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State	Finished
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Completed on	Friday, 24 October 2025, 9:50 AM
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Time taken	4 mins 4 secs
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Grade	0.00 out of 10.00 (0%)
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Question 1

Incorrect

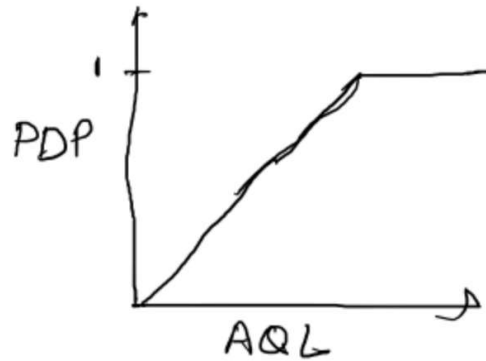
Mark 0.00 out of
2.00

Which of the following figures describe the behavior of a general Random Early Detection AQM strategy?

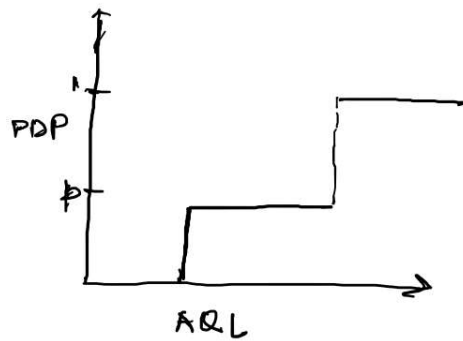
PDP: Packet drop probability

AQL: Average Queue Length

Select one or more:

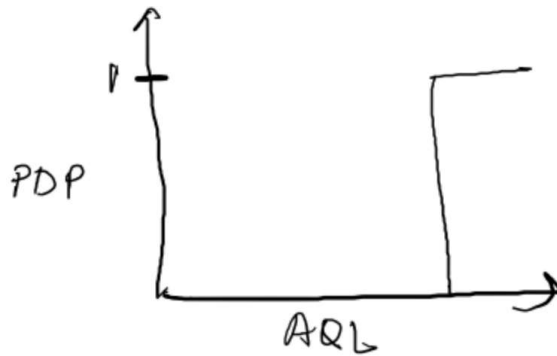


☐ a.

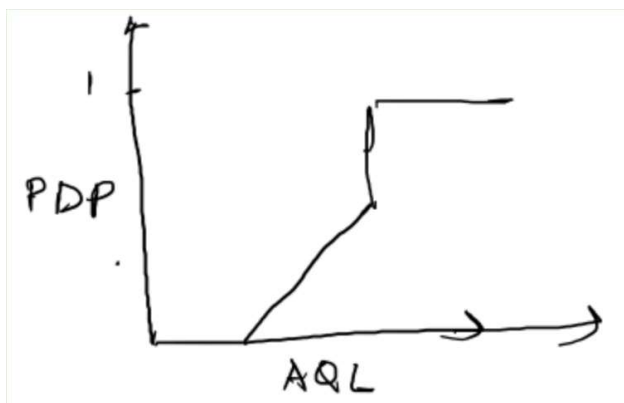


☒ b.

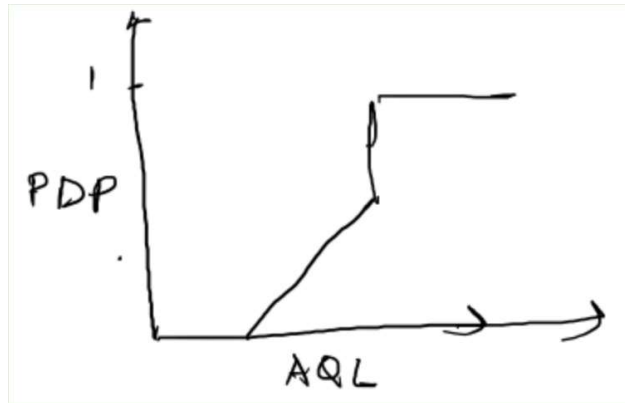
✗



☐ c.



☐ d.



The correct answer is:

Question 2

Incorrect

Mark 0.00 out of 2.00

CCA1: Which of the following statements is true?

Select one or more:

- ☐ a. Bottleneck bandwidth will be shared fairly in both cases
- ☐ b. Bottleneck bandwidth will be shared more fairly in case 2 compared to case 1
- ☒ c. Bottleneck bandwidth will be shared unfairly (to the same extent) in both cases ✗
- ☐ d. Bottleneck bandwidth will be shared more fairly in case 1 compared to case 2

The correct answer is: Bottleneck bandwidth will be shared more fairly in case 2 compared to case 1

Question 3

Incorrect

Mark 0.00 out of 2.00

CCA2: Which of the following statements are correct

Select one or more:

- ☐ a. None of the above
- ☐ b. C1 will observe greater throughput than C2
- ☒ c. C1 will observe similar throughput as C2 ✗
- ☐ d. C2 will observe greater throughput than C1

The correct answer is: C1 will observe greater throughput than C2

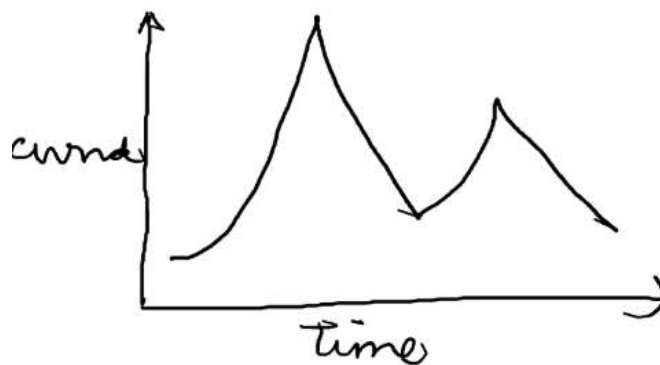
Question 4

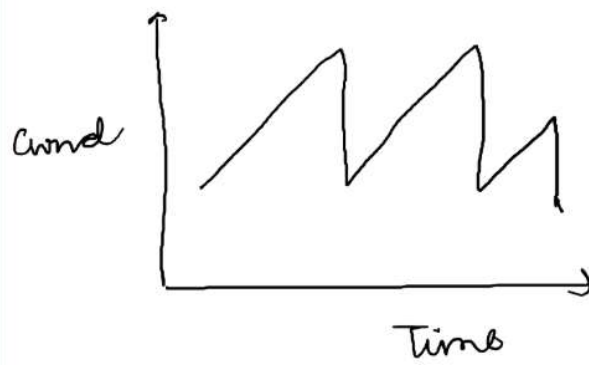
Incorrect

Mark 0.00 out of
2.00

Which among the following window update mechanism will be likely selected for TCP congestion control?

Select one or more:





The correct answer is:

Question 5

Incorrect

Mark 0.00 out of
2.00

CCA Performance: See the slide. Mention the throughput in Mbps

Answer: ❌

The correct answer is: 12

◀ Quiz 6

Jump to... ▼

Quiz8 ▶