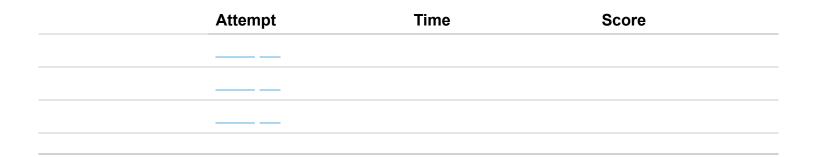
Lab 1.4: E-poll questionnaire

| Due | Points 7 | Questions 7 | Time limit None | |
|----------------------------|----------|-------------|-----------------|--|
| Allowed attempts Unlimited | | | | |

Instructions

Information about lab 1.4 related to this questionnaire can be found at the Labs Part 1 page.

Take the quiz again



(!) Correct answers are hidden.

Score for this attempt: 7 out of 7

Which of the following system calls should be used on a GNU/Linux server handling more than 10000 connections simultaneously:

| Question 2 | 1 / 1 pts |
|--|------------|
| What is the problem with select()? | |
| It's implementation in the kernel is slow. | |
| Serving one connection involves all the open connection on the | ne server. |
| It does not scale well with the number of open connections. | |
| All of the above. | |

| Question 3 | 1 / 1 pts |
|---|-----------|
| What are the issues with epoll? | |
| Not portable | |
| Requires one fd | |
| epoll limits the number of watched sockets per user | |
| All of the above | |

| Question 4 | 1 / 1 pts |
|--|--------------|
| What is the time complexity of serving one connection on a s open connections that is implemented with select()? | erver with N |
| O(1) | |
| O(N) | |
| O(N**2) | |
| None of the above. | |

What is the time complexity of serving one connection on a server with N open connections that is implemented with epoll()? O(N) O(N**2) None of the above.

Question 6 1 / 1 pts

To be notified of events only when a file descriptor changes its status I should use epoll in...

| Edge-triggered mode |
|----------------------|
| Level-triggered mode |
| Either of them |
| None of them |
| |

| Question 7 | 1 / 1 pts |
|--|-------------|
| To avoid automatically reenabling events for a socket after being when using epoll I should use the flag | ng notified |
| EPOLLONESHOT | |
| ○ EPOLLET | |
| ○ EPOLLWAKEUP | |
| None of them | |

Quiz score: 7 out of 7