

# In class exercise 1

1. **What's your name?**

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2. **We have discussed the architectures of web services. Why do we have so many layers?  
Check all that apply.**

*Check all that apply.*

- To increase the security of the system
- To increase the scalability of the system
- To increase the performance of the system
- To enable flexible design in each layer
- Other: \_\_\_\_\_

3. **Which one(s) are true about load balancing?**

*Check all that apply.*

- For security
- For performance
- To optimize resource usage
- It increases the complexity of system design
- Other: \_\_\_\_\_

4. **What's the best use case for content delivery network?**

*Mark only one oval.*

- Flickr (image hosting website)
- Youtube (video streaming service)
- Facebook (social network)
- Amazon (online shopping)