General System Design :

1. Do not go in so much details initially (interview will let go in that direction It may back track)
2. Do not draw complicated architecture which was memorized.
3. Don’t make assumption otherwise interview will try to break that.
4. Don’t go to deep dive for particular component until unless interview is need …

**1.Zookeeper for Heartbeat**

**Load balancer**

**Hardware Type(HT) , cloud base, software base**

**Radware(HT) mobiquity econet**

1. **Amazon ELK ( EC2)**
2. [**Incapsula**](http://www.incapsula.com/)
3. **F5 network(hardware base)**
4. **Citirx**

**System design interview preparation**

<https://www.quora.com/How-do-I-answer-design-related-questions-like-design-a-parking-lot-in-an-Amazon-interview-Do-we-need-to-write-code-for-design-questions>

**Step 1 : Requirements clarifications**

**Step 2: System Use-cases:** Try to list at least the top use cases that the system is supposed to design.

**Step 3: Class diagram:** This is the core part

**Step 4: Describe a couple of top use cases:** Try to run a couple of top use cases using the classes defined in the above step.

**Step 5: Code:** This depends upon the interviewer, they might ask you to write the code for a specific component. At a high level define all the required properties, function, interfaces, etc.

<https://www.quora.com/How-do-I-answer-design-related-questions-like-design-a-parking-lot-in-an-Amazon-interview-Do-we-need-to-write-code-for-design-questions>