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♦ Q01-Q28: Top 50+ EE Java interview questions & answers

Posted on February 23, 2015 by Arulkumaran Kumaraswamipillai

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If you are an interviewee — You have no control over what "Java EE interview questions" will be asked in Java job interviews, but there are a few JEE interview questions that are very frequently asked in job interviews, and it really pays to prepare for those questions. Here are a few such Java EE (i.e. JEE) interview questions. Brushing up on these answers will boost your success rate in EE Java job interviews.

Top 50+ Java Interview Questions Links:

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EE Java interview Questions and Answers **Q29 – Q53** and core Java development **50+ Core Java interview questions & answers**

Q1. Can you describe the high level architecture of the application that you had worked on recently? or Can you give a 100 feet bird's eye view of the application you were involved in as a developer or designer?

A1. The focus is on **judging your experience** in Java/JEE. The following links will be a good starting point.

JEE high level architectures and overview

- Can you discuss some of the high level JEE architectures you are experienced with?
- What is Java EE? What are JEE technologies and services?
- MVC0, MVC1, MVC2, MVP, MVVM, and MVW web design patterns Java examples?

JEE design patterns

- JEE Design Patterns
- Web patterns

Q2. How would you go about deciding between **SOAP based web service** and **RESTful** web service?

A2. Web services are very popular and widely used to integrate disparate systems. It is imperative to understand the pros, and cons between each approach. Recently, I was asked this question — Pros and cons of SOAP vs. RESTful web services. This question can be rephrased as — when will you favor RESTful web service over SOAP based web service? or vice versa. Web service job interview questions are very popular, and it is a must to prepare.

40+ Java Web Services Interview Questions & Answers

16 Technical Key Areas

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Q3. What are some of the best practices regarding SDLC? Have you worked in an agile development environment? Did you use test driven development and continuous integration?
A3. [18 Agile Development interview Q&A for Java developers](#)

Q4. How will you go about fixing memory leaks in Java EE applications?
A4. Again, a very common problem, and a thorough answer will go a long way in securing your next Java EE job.

- [Monitoring/Profiling Java EE applications interview Q&A](#).
- [Java EE memory management interview Q&A](#)

Q5. How will you go about fixing performance issues in Java EE applications?
A5. Yet to work for an organization that did not face any performnace issues, and often you see job advertisements requring JEE developers to work highly scalable real time applications.

- [Top 10 causes of performance issues in Java EE applications](#)
- [Monitoring/Profiling Java EE applications interview Q&A](#).
- [11 tips to writing low latency real-time applications in Java](#).
- [Scalability interview Q&A](#).

Q6: How will you go about detecting and fixing thread-safety issues in Java?
A6: Debugging concurrency issues and fixing any **thread starvation, dead lock**, and **contention** requires skills and experience to identify and reproduce these hard to resolve issues. Here are some techniques to detect concurrency issues.

- [Java Concurrency interview Q&A](#)

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How good are your .....?

- Debugging Java thread-safety, multi-threading, or concurrency issues tutorial

Either you work on **client side** JavaScript based frameworks like Angular JS or Java based **server side** frameworks like JSF, you need to first get good handle on the **web basics**.

Answers to **Q07 – Q18** are covered in post 12 JEE web basics every Java web developer must know

Q07. HTTP is a stateless protocol, so how do you maintain state? How do you store user data between requests?

Q08. Are states bad? if yes, why?

Q09. What is the structure of an HTTP request and response?

Q10. What is your understanding of HTTP URLs, HTTP Verbs, and HTTP status codes?

Q11. What is your understanding of the following terms of forward, redirect (aka sendRedirect), and post-back?

Q12. What is exactly an Ajax request?

Q13. What do you understand by client side and server side templating?

Q14. What are the pros and cons of server side versus client side templating?

Q15. Can Ajax make cross domain requests?

Q16. How do you optimize a website's assets?

Q17. Can you list some of the web development best practices?

Q18. What is a DOM, and how do you manipulate a DOM?

If you don't have a good handle on JavaScript, then read the following links on JavaScript for Java developers questions and naswers

- JavaScript Vs Java interview Q&A
- JavaScript common mistakes interview Q&A

Answers to **Q19 – Q22** [HTTP basics on headers, MIME types, & cookies for Java developers](#)

Q19. What happens when you open up a browser and type a URL to request a Web page or RESTFul web service data?

Q20. What are HTTP headers? Why do you need them?

Q21. What is an HTTP-Only cookie?

Q22. How will you go about debugging the data sent from the server on the client-side like header info, cookies, resources sent, debugging CSS, JavaScript, etc?

Answers to **Q23 – Q28** [6 Java RESTful Web services Interview Q&A you must know](#)

Q23. What is RESTful Web service, and why is it favored over SOAP Web service?

Q24. What is the RESTFul Web Service URI conventions? Can you discuss verbs and nouns and singular Vs plural resources?

Q25. What are the various implementations of JAX-RS available to choose from in Java?

Q26. How would you go about implemnting the RESTful Web service using the framework of your choice?

Q27. What happens if RestFul resources are accessed concurrently by multiple clients?

Q28. What are some of the annotations used in JAX-RS?

Now a days you will be hard pressed to find enterprise applications that don't use RESTful web services. You can search this site or Google for RESTful tutorials.

JSON (JavaScript Object Notation) is a lightweight, text-based, language-netral like XML, but less verbose than XML data exchange format. So, you can expect a question or two on JSON.

- [JSON interview questions and answers for Java developers](#)

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