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# RESTful Web Services Interview Questions

APRIL 2, 2018 BY [RAMBABU POSA](#) — [LEAVE A COMMENT](#)

We have written a lot on [Restful Web Services](#), today we will look into Restful [web service interview](#) questions and answers.

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## RESTful Web Services Interview Questions

### 1. What is a RESTful Web Service?

2. Why do we need RESTful Web Services?
3. Advantage of RESTful Web Services?
4. Differentiate RESTful Web Services and SOAP-based Web Services?
5. What are different Java-based Frameworks available to develop RESTful Web Services?
6. What are different Scala-based Frameworks available to develop RESTful Web Services?
7. What is a Safe Method in HTTP terminology? What are the available Safe Methods in HTTP to develop RESTful Web Services?
8. What is an Idempotent Method in HTTP terminology? What are the available Idempotent Methods in HTTP to develop RESTful Web Services?
9. Which HTTP Request methods are used to Develop or Support CRUD operations in RESTful Web Services?
10. What are the available techniques to provide Security to RESTful Web Services?
11. What are the main principles of RESTful Web Services?

## **RESTful Web Services Interview Questions and Answers**

### **What is REST? What is a RESTful Web Service?**

REST stands for Representational State Transfer. REST is an architectural style, which is used to develop services using HTTP or HTTPS protocol.

If we develop Web Services using REST architecture, then they are known as RESTful Web Services.

### **Why do we need RESTful Web Services?**

#### **Advantage of RESTful Web Services?**

### **What is the Representation in REST? What are the various Representations available in RESTful Web Services?**

Representation in REST means

The following Representations are available in RESTful Web Services:

- JSON
- XML
- HTML
- Plain Text

### **How or Why RESTful Web Services are more Reliable and Scalable?**

### **What are the major building blocks of RESTful Web Services?**

There are two main building blocks of RESTful Web Services:

- Resource URIs

- HTTP Request Methods

## What is the Transport protocol used by RESTful Web Services?

RESTful Web Service uses HTTP protocol as Transport protocol.

## What is the Role of HTTP Request Methods in RESTful Web Services?

In RESTful Web Services, HTTP Request Methods play very key role. They inform the server on "What to do with the Client Request".

That's it all about "RESTful WebServices Java and [Scala Interview Questions](#) and Answers". We will discuss some more interview questions in my coming posts.

Please drop me a comment if you like my post or have any issues/suggestions.



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**About Rambabu Posa**

Rambabu Posa have 13 years of RICH experience as Sr Agile Lead Java/Scala/BigData/NoSQL Developer. Apart from Java, he is good at Spring4, Hibernate4, MEAN Stack, RESTful WebServices, NoSQL, BigData Hadoop Stack, Cloud, Scala, Groovy Grails, Play Framework, Lagom Framework and ConductR, TDD, BDD,Agile,DevOps and much more. His hobbies are Developing software, Learning new technologies, Love Walking, Reading Books, Watching TV and obviously sharing his knowledge through writing articles on JournalDev.

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