# Spring Questions and Answers – SOAP Web Service

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This set of Java Spring Multiple Choice Questions & Answers (MCQs) focuses on “SOAP Web Service”.

1. A web service contract is described using :-  
a) Web Services Description Language  
b) Web Services Description  
c) All of the mentioned  
d) None of the mentioned  
View Answer

Answer: a

2. There are two approaches to developing a web service, depending on whether you define the contract first or last.  
a) True  
b) False  
View Answer

Answer: a

3. In contrast, the contract-first approach encourages you to think of the service contract first in terms of :-  
a) XML  
b) XML Schema(.xsd)  
c) WSDL  
d) All of the mentioned  
View Answer

Answer: d

4. In some cases, it’s also hard to map an object to XML (e.g., an object graph with cyclic references) because there’s actually an impedance mismatch between an object model and an XML model.  
a) True  
b) False  
View Answer

Answer: a

5. Service exporters that can export a bean as a remote service based on the :-  
a) RMI  
b) Hessian  
c) Burlap  
d) All of the mentioned  
View Answer

Answer: d

6. Spring comes with a service exporter that can export a bean as a SOAP web service.  
a) True  
b) False  
View Answer

Answer: b

7. The standard for deploying web services on the Java EE platform as of Java EE 1.4:-  
a) JAX-RPC  
b) JAX  
c) RPC  
d) None of the mentioned  
View Answer

Answer: a

8. To send objects across the wire, beans need to be encoded using the Java Architecture for XML Binding (JAXB).  
a) True  
b) False  
View Answer

Answer: a

9. If you are deploying into a Java EE 5 (or better) container, you may simply create a bean that is annotated with:-  
a) javax.jws.WebService  
b) javax.jws.WebServiceProvider  
c) all of the mentioned  
d) none of the mentioned  
View Answer

Answer: c  
Explanation: If you are deploying into a Java EE 5 (or better) container, you may simply create a bean that is annotated with javax.jws.WebService or javax.jws.WebServiceProvider and deploy that into a container in your web application.

10. If you are using the JAX-RS Reference Implementation, this intermediary step will involve a tool called wsgen.  
a) True  
b) False  
View Answer

Answer: a

11. Spring provides a factory that can export beans annotated with:-  
a) javax.jws.WebService  
b) javax.jws.WebServiceProvider  
c) all of the mentioned  
d) none of the mentioned  
View Answer

Answer: c

12. Exposing a stand-alone SOAP endpoint using the:-  
a) SimpleJaxWsServiceExporter  
b) JAX-WS  
c) All of the mentioned  
d) None of the mentioned

Answer: c

13. Tomcat doesn’t support JAX-WS by itself.  
a) True  
b) False

Answer: a

14. CXF represents the consolidation of the Celtix and XFire projects, which each had useful SOAP support.  
a) True  
b) False

Answer: a

15. Factory to use our Spring bean as the implementation:-  
a) jaxws:end  
b) jaxws:endpoint  
c) all of the mentioned  
d) none of the mentioned

Answer: b