



# JSON Interview Questions

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## Introduction to JSON Interview Questions and Answers

JSON is referred to as JavaScript object notation (<https://www.educba.com/uses-of->

JavaScript). It is a syntax for exchanging and storing the data. It is language independent data format and an open standard file format. It is mainly based on the Javascript. JSON (<https://www.educba.com/json-interview-questions/>) uses the programming conventions that are being used in another programming like C, C++, C#, Perl, Python etc. There are no complications in parsing and translations. JSON format was originally specified by the Douglas Crockford in early 2000s. JSON is being widely used along with programming, scripting languages or tools.

Now, if you are looking for a job which is related to JSON then you need to prepare for the 2019 JSON Interview Questions. It is true that every interview is different as per the different job profiles. Here, we have prepared the important JSON Interview Questions and Answers which will help you get success in your interview.

In this 2019 JSON Interview Questions article, we shall present 10 most important and frequently used JSON interview questions. These top interview questions are divided into two parts are as follows:

## Part 1 –JSON Interview Questions (Basic)

This first part covers basic JSON Interview Questions and Answers.

### Q1. Do JSON support all the platforms?

**Answer:**

JSON almost supports all the platforms and programming languages because of its text format and most of the technologies mainly work with data transmission between the systems that support JSON format. There are many languages like PHP, Java, javascript etc.

### Q2.How JSON has been built?

**Answer:**

is the basic JSON Interview Questions asked in an interview. JSON is built on two structures that are the collection of name/value pairs and ordered list of values. These are the universal data structures (<https://www.educba.com/software-development/>) like object, array, string, number, and value.

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## Q3.What developers preferred to use JSON over XML?

**Answer:**

The advantages are as below:



JSON is faster and lighter than XML (<https://www.educba.com/xml-interview-questions/>).  
(<https://www.educba.com/software-development/>).

- JSON has typed objects whereas in XML objects are typically less.
- In JSON, there are different object types like integer, string, array etc. whereas in XML there is only one object type that is String only.
- JSON data can be easily available or accessible as JSON object using in JavaScript but in XML data needs to be parsed and allocated to variables using APIs.
- In JSON, retrieving the values is as simple as reading it from the property of the object from the javascript code.

Let us move to the next JSON Interview Questions.

## Q4.Explain the features of JSON?

**Answer:**

JSON has a lot of features to use and advantages over the data interchange formats. It is easy to use and fast in nature. The lightweight of the JSON structure makes it quick to respond. It is mainly compatible with all the languages that are programming languages, browsers and platforms as well. It does not require any extra effort to ensure its compatibility with other platforms. It also supports a wide range of data types and data can be easily fetched.

## Q5.Explain JSON-RPC and its features?

**Answer:**

JSON-RPC is referred to as a simple remote procedure call. It uses a lightweight JSON format. It is similar to XML-RPC but it is not using the XML format. It uses the java



implementation JSON-RPC protocol. There are some features of the same like asynchronous communications, transparently maps Java Objects to javascript objects. It is [\(https://www.educba.com/home/software-development/\)](https://www.educba.com/home/software-development/) protocol. It calls dynamically server side java methods from JavaScript DHTML web applications [\(https://www.educba.com/how-to-build-web-applications-using-mongodb/\)](https://www.educba.com/how-to-build-web-applications-using-mongodb/). There is no page reloading happen for the same. It supports all the browsers like internet explorer, Mozilla firefox, safari, opera, and it uses the J2EE security model [\(https://www.educba.com/j2ee-interview-questions/\)](https://www.educba.com/j2ee-interview-questions/) with session specific exporting of objects.

## Part 2 – JSON Interview Questions (Advanced)

Let us now have a look at the advanced JSON Interview Questions.

### Q6.What are the limitations and uses of JSON?

**Answer:**

It has its own limitations:

It is not suitable for handling very large and complex data. When the data gets complex with several nested and hierarchical structures, it becomes complex for human readability. JSON does not support the comments. It does not support to handle the multimedia formats like image or rich text format.

There are many uses of JSON like it is mainly used for APIs and web service to transfer the data. It can be used in the combination with most of the modern programming languages. It can be used with javascript applications like websites or browser plugins. The most important use of JSON for transmitting the serialized data over a network connection between the systems. It can be used to read data from the web server and display data in the web pages.



## Explain Newtonsoft in JSON?

(<https://www.educba.com/software-development/>)

**Answer:**

(<https://www.educba.com/dot-net-interview-questions/>)

Newtonsoft is referred to as the framework which is mainly used in the .net framework for performing the operations with JSON. It is also called as Json.net. There are a lot of features using Newtonsoft like it enables the user to parse, create, modify and query the JSON using its internal framework. It is simple and easy to use. It enables the user to serialize and de serialize any object with JSON serializer. It is faster than other serializers. It supports the conversion from XML to JSON and vice versa. Its syntax is simple and provides an easier way to query the JSON. It is a free and open source. To convert the data into JSON structure, a creation of an object is required to store data and once the object has been created then we can store the variables and keys in an object. After storing data in the object then we can serialize that data that is how serialization is done and de-serialization is reverse of it.

Let us move to the next JSON Interview Questions.

## Q8.What is JSONP?

**Answer:**

JSONP is referred to as JSON padding. It can be defined as the process used by the javascript programs to call the data from the server that is available in the domain and it is different than the client. It is the method that is used to bypass the cross-domain policies in the web browser. It can be said in this way as to deal with browser restrictions when sending the JSON responses from the different domains of the client. It allows sharing the data with the same origin policy of system and environment.



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### Q9.Explain the syntax rules for JSON?

#### Answer:

This is the most popular JSON Interview Questions asked in an interview. In JSON, data is being arranged in Key value pair. In this left side represents the key and right side represents the value and these both things are separated by the colon. The data is mainly separated with help of using a comma. In JSON, curly braces define the objects and arrays are defined inside the JSON object by using the square brackets.

### Q10.Explain the JSON files?

#### Answer:

The JSON file has an extension as '.json' and MIME type for JSON text is "application/Json". JSON files can be edited or viewed with any text editor with notepad++ or notepad.



## Recommended Articles

(<https://www.educba.com/software-development/>)

This has been a guide to the list of JSON Interview Questions and Answers so that the

candidate can crackdown these JSON Interview Questions easily. Here in this post, we

have studied top JSON Interview Questions which are often asked in interviews. You may also look at the following articles to learn more –

1. [Java EE Interview Question \(https://www.educba.com/java-ee-interview-questions/\)](https://www.educba.com/java-ee-interview-questions/)
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