

# ASP.NET – INTERVIEW QUESTIONS

A free ASP.NET interview questions by,

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## ACKNOWLEDGEMENT

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1) What is Json.net ?

The abbreviation of JSON is JavaScript Object Notation .It is a open source, text-based data exchange format and high-performance JSON framework for .NET.

2) What are the features of Json.net?

The features of Json.net are

- 1)Json is converted to and from XML.
- 2) It is faster than built-in JSON serializers in .Net.
- 3) It supports .Net Framework 2.0/3.5/4.0, Silverlight, Windows Phone and Windows 8 Metro.
- 4) JSON serializer is flexible for converting between .NET objects and JSON.

3) What is the ideal size of a cookie?

4kb is the "official" maximum size of a cookie.

4) What are the drawbacks of collections in .net?

Some of the drawbacks of collections in .net are:

- 1. The performance of collections in .NET will be low as they store each and every member as an object.
- 2. The incorrect parsing throws runtime "Invalid Cast" exception.

5) What is ELMAH ?

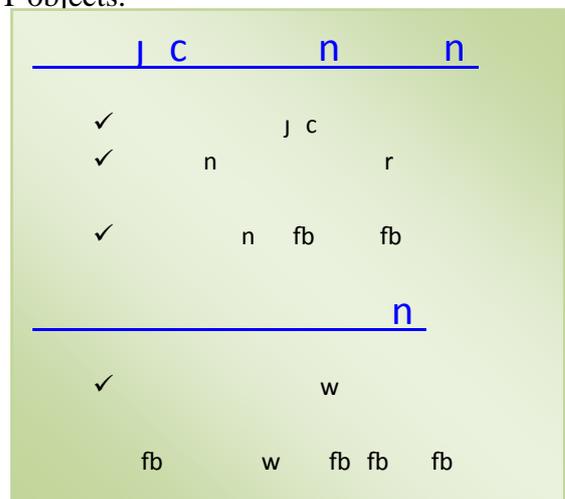
The abbreviation of ELMAH is Error Logging Modules and Handlers .It is an application-wide error logging facility. ELMAH is added to a running .NET web application, or even all .NET web applications dynamically without the need for re-compilation or re-deployment.

6) What is meant by CCW ?

The CCW is COM Callable Wrapper. The wrapper i.e CCW is created by CLR, to enable theCOM components which are used to access .NET objects.

7) What is meant by MIME ?

The abbreviation of MIME is Multipurpose Internet Mail Extensions. To include various types of contents in a single message MIME is used and it is a standard form.This MIME extends the Simple Mail Transfer Protocol (SMTP) format of mail messages, or include multiple content.It can be of textual or non-textual.Images, audio, or text in different character sets can be included in these messages.



### 8) What is meant by Scalability?

Scalability is the ability of a system, network or process to add capacity to maintain the web applications which serves large number of users or large amounts of data. If the performance of the system is improved after adding hardware, proportionally to the capacity added, then it is said to be a scalable system.

### 9) What are the advantages of using Dependency Injection?

Some of the advantages of using Dependency Injection.

- 1) By using Dependency Injection, loosely coupled systems can be developed.
- 2) It is easy to swap in a different implementation of a component, As long as the component implements the interface type,
- 3) It also allows the objects to be mocked with in the Unit Tests.

### 10) What is a Flat File?

The Flat File is the name that is given to text which can be read or written only sequentially. It is also known as the collection of data stored that can be accessed sequentially. The example of flat file is Microsoft Excel Sheet .

### 11) How is the ASP.NET worker process impersonated ?

The identity element's impersonation attribute in the application's Web.config file should be set, to use impersonation to run the ASP.NET worker process as a user other than ASPNET.

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**12) What do you mean by IIS Metabase ?**

The metabase which is a structure is used for storing Internet Information Server (IIS) configuration settings .This metabase is specific to Internet Information Server version 4.0 but it also performs some of the same functions as the Windows system registry.Some new keys and values are added for flexible control of IIS.

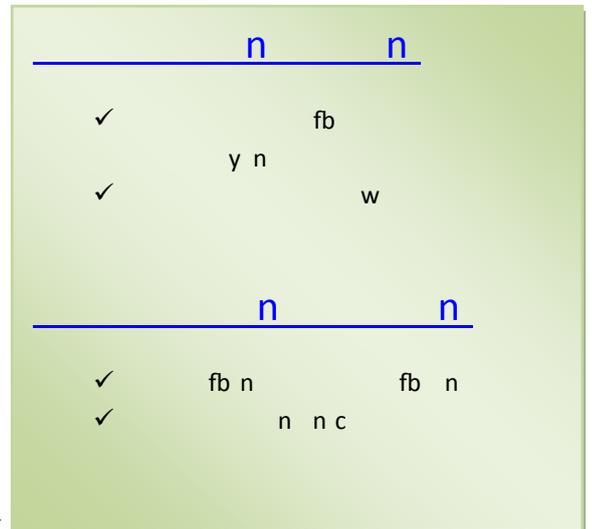
**13) What are the two types of control skins?**

The two types of control skins are

- 1)Named Skins
- 2)Default Skins

**14) What is the main role of Entity Client Data Provider ?**

The very important role of the Entity Client Data Provider is converting Entity SQL queries into SQL query which is understood by underlying database. Entity Client Data Provider communicates with ADO.Net data provider that in turn sends or retrieves data from the database.



**15) What are the 3 things that are contained in Entity Data Model?**

The 3 things that are contained in Entity Data Model are

- 1)Conceptual Model
- 2)Storage model
- 3)Mapping model