

# ASP.NET Web Api 2 For Mvc

## Chapter 04: Understanding HTTP Web Services

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Q1. Which web service are more complex but are easier to maintain?

- A. Simple
- B. RESTful
- C. both
- D. None of them

Answer: A

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Q2. ASP.NET Web API creates services that deliver data from ASP.NET applications to clients over HTTP requests is known as \_\_\_\_\_

- A. ASP.NET services
- B. HTTP web services
- C. RESTful services
- D. MVC services

Answer: b

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Q3. ASP.NET Web API uses a controller and a model but what it doesn't have?

- A. HTTP
- B. Model Data
- C. Views
- D. None

Answer: C

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Q4. How many types of Web API client are there?

- A. Two
- B. Three
- C. Four
- D. Five

Answer: c

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Q5. Browser -based web application can be broken into -----broad categories.

- A. One
- B. Two
- C. Three
- D. Four

Answer: b

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Q6. An alternative approach is to use a web service to mediate access to the data store from\_\_\_\_\_.

- A. Single application
- B. Multiple application
- C. Both
- D. None of them

Answer: b

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Q7. Which web services support just the features required for the client of a single application?

- A. RESTful
- B. Simple
- C. HTTP

D. REST

Answer: B

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Q8. Which web services are useful for decoupling clients and the web services they consume?

- A. RESTful
- B. Simple
- C. HTTP
- D. REST

Answer: a

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9.Which returns all of the data objects in the model

- A. HTTP
- B. Web services
- C. REST
- D. Collection URL

Answer: D

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10.Which is would return all of the data objects in the model

- A. URL/api/rsvp
- B. API/rsvp/url
- C. RSVP/url/api
- D. None of them

Answer: A

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## Chapter 05: Chapter 05: Creating Media Type Formatters

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**22 July 2019**

Q1. Which package is required for ASP.NET Identity?

- A. Microsoft.AspNet.Webapi
- B. Microsoft.AspNet.Identity.OWIN
- C. Microsoft.Owin.Host.SystemWeb
- D. Microsoft.AspNet.WebApi.Owin

Answer: B, C

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Q2. Which package is used to create a dynamic client-side application?

- A. jquery
- B. bootstrap
- C. jquery
- D. knockoutjs

Answer: D

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Q3. The Database initializers are derived from one of \_\_\_\_\_base classes.

- A. Two
- B. Three
- C. Four
- D. Five

Answer: B

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Q4. Which one is used to dropped and re-created database every time the database context is initialized?

- A. DropCreateDatabaseAlways<T>
- B. DropCreateDatabaseIfModelChanges<T>
- C. CreateDatabaseIfNotExists<T>
- D. None

Answer: A

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Q5. Which one is used to dropped and re-created database when any of the model classes are changed?

- A. DropCreateDatabaseAlways<T>
- B. DropCreateDatabaseIfModelChanges<T>
- C. CreateDatabaseIfNotExists<T>
- D. None

Answer: B

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Q6. Which one is used only if the database does not already exist?

- A. DropCreateDatabaseAlways<T>
- B. DropCreateDatabaseIfModelChanges<T>
- C. CreateDatabaseIfNotExists<T>
- D. None

Answer: C

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Q7. How to populate the database when it is first time created?

- A. by overriding the Seed method of the database initializer class
- B. by overriding the OnModelCreating method of the database context class
- C. by adding code in the constructor of the database context class
- D. Any one of the above

Answer: A

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Q8. Which one is the user management system for ASP.NET applications?

- A. roles
- B. identity
- C. userName
- D. None

Answer: B

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Q9. From which base class role class is derived from?

- A. Identity
- B. UserIdentity
- C. IdentityRole
- D. RoleManager

Answer: C

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Q10. Which one Returns an enumeration of the user objects stored by the Identity system?

- A. Users
- B. Find()
- C. Find(user, pass)
- D. None

Answer: A

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Q11. What is the error code for Unauthorized response?

- A. 400
- B. 401
- C. 402
- D. 404

Answer: B

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## Chapter 07: SportsStore: Creating the Clients

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### 22 August 2019

Q1. Which are only parameters that must be set?

- A. url and verb.
- B. url and data.
- C. data
- D. options

Answer: A

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Q2. Which property specifies the HTTP verb for the request.?

- A. url
- B. verb
- C. data
- D. options

Answer: B

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Q3. If the Ajax request is successful and passed the data from the response which callback function will be invoked?

- A. errorCallback
- B. successCallback
- C. options
- D. verb

Answer: B

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Q4. If the Ajax request is unsuccessful and passed the status code and explanatory text which callback function will be invoked?

- A. errorCallback
- B. successCallback
- C. options
- D. verb

Answer: A

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Q5. Which property is used to set jQuery options for a single Ajax request?

- A. url
- B. verb
- C. data
- D. options

Answer: D

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Q6. Which one is not *The Parameters for the sendRequest Function*?

- A. url
- B. gotError
- C. data
- D. options

Answer: B

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Q7. Which property is set to true when a request fails and false when a request succeeds?

- A. error
- B. gotError
- C. orders
- D. options

Answer: B

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Q8. Which one will be sent to the web service as a query string for GET requests and in the request body for other verbs?

- A. url
- B. verb
- C. data
- D. options

Answer: C

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Q9. Which one is bad request code?

- A. 500
- B. 300
- C. 400
- D. 200

Answer: C

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Q10. The \_\_\_\_\_ function sets headers for all subsequent Ajax requests?

- A. AjaxHeaders
- B. setAjaxHeaders
- C. setAjax
- D. Ajax

Answer: B

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## Chapter 09: The Anatomy of ASP.NET Web API

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**22 August 2019**

Q1. Which namespace defines types that represent HTTP requests and responses.?

- A. System.Web.Http.Controllers.
- B. System.Net.Http.
- C. ystem.Web.Http.Dependencies
- D. System.Web.Http.Dispatcher

Answer: B

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Q2. Which one is the top-level Web API namespace.?

- A. System.Web.Http.Controllers.
- B. System.Net.Http.
- C. ystem.Web.Http.Dependencies

D. System.Web.Http.Dispatcher

Answer: B

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Q3. Which namespace contains the classes that are used to validate data sent from a client?

- A. System.Web.Http.Controllers.
- B. System.Web.Http.Validation.
- C. System.Web.Http.Dependencies
- D. System.Web.Http.Dispatcher

Answer: B

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Q4. Which *Context Properties* are not Defined by the ApiController Class?

- A. Configuration
- B. ControllerContext
- C. Content
- D. ModelState

Answer: C

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Q5. which namespace contains the *media type formatters*?

- A. System.Web.Http.Controllers.
- B. System.Net.Http.
- C. System.Web.Http.Dependencies
- D. System.Net.Http.Formatting

Answer: D

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Q6. Which namespace contains the filters support?

- A. System.Web.Http.Controllers.
- B. System.Net.Http.
- C. System.Web.Http.Filters
- D. System.Net.Http.Formatting

Answer: C

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Q7. Which namespace contains classes that provide descriptions of model classes?

- A. System.Web.Http.Metadata.
- B. System.Net.Http.
- C. System.Web.Http.Filters
- D. System.Net.Http.Formatting

Answer: A

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Q8. which namespace contains classes responsible for creating objects and values from HTTP requests that can be used by action methods?

- A. System.Web.Http.Metadata.
- B. System.Net.Http.
- C. System.Web.Http.ModelBinding
- D. System.Net.Http.Formatting

Answer: C

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Q9. Which namespace contains the Web API URL routing classes?

- A. System.Web.Http.Metadata.
- B. System.Web.Http.Routing.
- C. System.Web.Http.ModelBinding
- D. System.Net.Http.Formatting

Answer: B

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Q10. Which *Context Properties* are Defined by the *ApiController Class*?

- A. Headers
- B. Properties
- C. Content
- D. ModelState

Answer: D

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Q11. Which *Context Properties* are not Defined by the *HttpRequestMessage Class*?

- A. Headers
- B. Properties
- C. Content
- D. ModelState

Answer: D

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Q12. Which *Context Properties* Defined by the *HttpRequestMessage Class*?

- A. Configuration
- B. ControllerContext
- C. Content
- D. ModelState

Answer: C

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Q13. Which *Context Properties* are not Defined by the *HttpRequestMessage Class*?

- A. Headers
- B. Properties
- C. Content
- D. Principal

Answer: D

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Q14. Which class is used to provide context information about a model class during the data binding process?

- A. HttpRequestContext
- B. HttpControllerDescriptor
- C. ModelBindingContext
- D. HttpAuthenticationContext

Answer: C

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Q15. Which class is used to provide context information about a request?

- A. HttpRequestContext
- B. HttpControllerDescriptor
- C. ModelBindingContext
- D. HttpContext

Answer: D

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Q16. Which class is used to describe an action method and is employed as part of the data binding process?

- A. HttpRequestContext

- B. `HttpControllerDescriptor`
- C. `ModelBindingContext`
- D. `HttpAuthenticationContext`

Answer: A

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Q17. Which class is used to provide context information to global exception handlers?

- A. `ExceptionHandlerContext`
- B. `HttpControllerDescriptor`
- C. `ModelBindingContext`
- D. `HttpAuthenticationContext`

Answer: A

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Q18. Which class is used to provide context information to global exception loggers?

- A. `ExceptionHandlerContext`
- B. `HttpControllerDescriptor`
- C. `ExceptionHandlerContext`
- D. `HttpAuthenticationContext`

Answer: C

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Q19. Where Web API configuration is performed?

- A. `App_Data/WebApiConfig.cs`
- B. `Controller`
- C. `App_Start/WebApiConfig.cs`
- D. `Views`

Answer: C

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Q20. ASP.NET Web API defines a set of\_\_\_\_\_?

- A. classes
- B. `Controller`
- C. interfaces
- D. interfaces and classes

Answer: C

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Q21. Web services are defined through\_\_\_\_\_?

- A. classes
- B. `Controllers`
- C. interfaces
- D. `Views`

Answer: B

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## Chapter 12: Creating Media Type Formatters

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Q1. What are responsible for serializing model data so that it can be sent to the client?

- A. `dataType`
- B. Media type formatters



- C. Content type formatters
- D. Json type formatters

Answer: B

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Q2. Which one can take an active role in content negotiation?

- A. Media type formatters
- B. Accept headers
- C. Content type headers
- D. MIME types

Answer: A

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Q3. The MediaTypeFormatter class defines a \_\_\_\_\_collection, which is used by the content Negotiator.

- A. ContentTypes
- B. MediaTypes
- C. SupportedMediaTypes
- D. None

Answer: C

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Q4. The constructor argument for the MediaTypeHeaderValue class is a \_\_\_\_\_type?

- A. JSON
- B. XML
- C. MIME
- D. Object

Answer: C

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Q5. The MediaTypeFormatter class defines a \_\_\_\_\_collection, which is used by the content Negotiator.

- A. Mime
- B. SupportedMediaTypes
- C. Headers
- D. AcceptedResult

Answer: B

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Q6. How many methods a custom media type formatter must implement?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B

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CanReadType and CanWriteType]

Q7. Which method is used as part of the model binding process?

- A. ReadType
- B. WriteType
- C. CanReadType
- D. CanWriteType

Answer: C

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Q8. Which method is called by the content negotiator to see whether the formatter is able to serialize a specific type?

- A. ReadType

- B. WriteType
- C. CanReadType
- D. CanWriteType

Answer: D

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Q9. Which one provides information about the network transport?

- A. Type
- B. Object
- C. Stream
- D. TransportContext

Answer: TransportContext

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Q10. Which method Inserts a formatter at the specified index?

- A. Add()
- B. Insert()
- C. Add(formatter)
- D. Insert(index, formatter)

Answer: D

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Q11. How to target custom formatters in Ajax requests?

- A. by setting Content-type header
- B. By setting MIME header
- C. by setting the Accept header
- D. None of the above

Answer: C

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Q12. How many jQuery Ajax settings are required to configure the Accept heading?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B

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dataType and accept]

Q13. Which one Adds a new header to the response with the specified value?

- A. Add()
- B. Add(value)
- C. Add(header, value)
- D. Insert(value)

Answer: C

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## Chapter 13: Using the Built-in Media Formatters

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Q1. Web API includes a set of \_\_\_\_ built-in media formatters.

- A. Two
- B. Three
- C. Four

D. Five

Answer: C

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Q2. Which formats the built-in media type formatters are responsible for serializing data?

- A. the JSON Formats
- B. the XML Formats
- C. Both
- D. None

Answer: C

Q3. Which Built-in Media Type Formatters Returns an instance of the XmlMediaTypeFormatter class, which serializes data into the XML format?

- A. FormUrlEncodedFormatter
- B. XmlFormatter
- C. JsonFormatter
- D. None

Answer: B

Q4. Which Built-in Media Type Formatters Returns an instance of the JsonMediaTypeFormatter class, which serializes data into the JSON format?

- A. FormUrlEncodedFormatter
- B. XmlFormatter
- C. JsonFormatter
- D. None

Answer: C

Q5. Which Built-in Media Type Formatters Returns an instance of the FormUrlEncodedMediaTypeFormatter class, which is used to parse form data in the model binding process?

- A. FormUrlEncodedFormatter
- B. XmlFormatter
- C. JsonFormatter
- D. None

Answer: A

Q6. Which is Not Acceptable status code?

- A. 400
- B. 402
- C. 404
- D. 406

Answer: D

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Q7. Which JsonMediaTypeFormatter Configuration Methods set to true, the JSON will be indented, making it easier to read?

- A. Indent
- B. MaxDepth
- C. UseDataContractJsonSerializer
- D. SerializerSettings

Answer: A

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Q8. Which JsonMediaTypeFormatter Configuration Methods set to true, the DataContractJsonSerializer, rather than the Json.Net package, will be used to produce JSON data.?

- A. Indent
- B. MaxDepth
- C. UseDataContractJsonSerializer

D. `SerializerSettings`

Answer: C

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Q9. Which `JsonMediaTypeFormatter` Configuration Methods Gets or sets the `JsonSerializerSettings` object used to configure serialization?

- A. `Indent`
- B. `MaxDepth`
- C. `UseDataContractJsonSerializer`
- D. `SerializerSettings`

Answer: D

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Q10. Which `JsonMediaTypeFormatter` Configuration Methods Creates a `JsonSerializerSettings` object configured with the defaults used by the media type formatter?

- A. `Indent`
- B. `MaxDepth`
- C. `CreateDefaultSerializerSettings()`
- D. `SerializerSettings`

Answer: C

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