

Pre-exam night homework

Create multiple-choice question topic(s) allocated to you and submit them to your trainer by 9:00 so they can be collated ready for a group practice test:

- 1. Breaking changes in CMS 10
- 2. Breaking changes in CMS 11
- 3. HtmlHelper extension methods
- 4. IContentVersionRepository API
- Language branch APIs
- 6. Access rights APIs
- 7. IConfigurableModule
- 8. LocalizationService API
- 9. Notifications API
- 10. Projects API
- 11. Content Approvals API

- 12. Implementing KPIs for A/B testing
- 13. Episerver Forms: actors, storage, encrypt
- 14. Episerver Forms: elements, dependencies
- 15. Partial routers
- 16. Content providers
- 17. Episerver Find: Unified Search
- 18. Episerver Find: filters
- 19. On-premise deployment
- 20. DXC Service: deployment
- 21. Creating plug-ins (not scheduled jobs)
- 22. Creating add-ons

Question 1

Given the following page property, which blocks can an editor use in MainContentArea? Select the best answer.

- A. BlueBlock, RedBlock
- B. BlueBlock, RedBlock, GreenBlock
- C. BlueBlock
- D. GreenBlock, RedBlock

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Question 2

Which statement renders a ContentArea property for On-Page Editing? Select the best answer.

```
A. @Html.EditorFor(m => m.MainContentArea)
```

- B. @Html.DisplayFor(m => m.MainContentArea)
- C. @Model.MainContentArea
- D. @Html.PropertyFor(m => m.MainContentArea)

Question 3

For each of the following types of content, match the capability using **Episerver Service API**? For example, $A \rightarrow 3$, $B \rightarrow 1$, $C \rightarrow 3$, $D \rightarrow 2$

- A. CMS site (pages, blocks)
- B. Media
- C. Forms submissions
- D. Commerce Product
- 1. Import and export
- 2. Import only
- 3. Full CRUD operations

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Question 4

How can you improve performance of DDS queries? Select the best answer.

- A. Create indexes for the tblBigTable columns that follow the naming pattern StringO1, StringO2, and so on.
- B. Add additional columns to tblBigTable.
- C. Implement a custom content provider for DDS.
- D. Build an Entity Framework Data Model to access the data in DDS.

Question 5

How can you create custom validation in Episerver CMS that would prevent content from being published if the validation rule was broken?

Select all that apply.

- A. Implement IValidate<T> interface for a content type.
- B. Override Validate method of ContentData.
- C. Create class that inherits from ValidationAttribute and apply it to a property.
- D. Handle IContentEvents.PublishingContent event and Set CancelAction to false.
- E. Handle IContentEvents. Published Content event and set Cancel Action to true.

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Question 6

What is the signature of IValidate(T>.Validate() method? Select the best answer.

- A. IEnumerable<ValidationError> Validate(IContent instance)
- B. ValidationError Validate(T instance)
- C. IEnumerable<ValidationError> Validate(T instance)
- D. ValidationError Validate(T instance)

Question 7

Which of these elements can be localized in Episerver CMS? Select all that apply.

- A. Admin view's user interface
- B. Edit view's user interface
- C. Pages like Alloy Meet
- D. Folders like Documents
- E. Page types like ProductPage
- F. Media like an uploaded image

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Question 8

Where is the localization data stored for built-in Episerver localization provider? Select the best answer.

- A. *.resx files
- B. *.rc files
- C. Database
- D. None of the above

Question 9

Which class does NOT implement IContent? Select the best answer.

- A. PageData
- B. BlockData
- C. ImageData
- D. VideoData

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Practice Questions

Question 10

Which properties are available in the ContentType attribute? Select two.

- A. Availability
- B. AvailableInEditMode
- C. IncludeOn
- D. GUID
- E. Prompt
- F. Access

Question 11

Which of the following are true? Select all that apply.

- A. IContentLoader can be used to get the children of a page by passing the page's ContentReference to the GetChildren() method.
- B. IContentLoader can be used to get the parent of a page by passing the page's ContentReference to the GetParent() method.
- C. IContentLoader implements IContentRepository.
- D. IContentLoader will only return content items to which the current user has access.

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Practice Questions

Question 12

Which of the following is true? Select the best answer.

- A. IContentLoader returns read-only versions of content whereas IContentRepository returns content that can be updated.
- B. IContentLoader only has methods to query content whereas IContentRepository only has methods to update content.
- C. IContentLoader only has methods to query content whereas IContentRepository has methods to both query and to update content.
- D. IContentLoader and IContentRepository are both part of a conspiracy by the US government to take over the world.

Question 13

Which cloud service does Episerver Languages add-on use for automatic translation? Select the best answer.

- A. Google Translate
- B. Bing Translate
- C. Episerver Translate
- D. Automatic translation is not supported in Episerver Languages

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Question 14

For which of the following do you need an additional license for an on-premise deployment? Select all that apply.

- A. Episerver Languages
- B. Episerver Find
- C. Episerver Mail
- D. Episerver Social
- E. Google Analytics for Episerver

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Question 15

Which providers are included in Episerver Search by default? Select all that apply.

- A. PagesSearchProvider
- B. FilesSearchProvider
- C. MenuSearchProvider
- D. PicturesSearchProvider
- E. BlocksSearchProvider
- F. TypesSearchProvider

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Practice Questions

Question 16

In the Change Log, which action can you NOT filter for? Select the best answer.

- A. Check in
- B. Check out
- C. Delete language
- D. Delete children

Question 17

In A/B testing the test duration is defined using what unit of measurement? Select the best answer.

- A. Seconds
- B. Page Impressions
- C. Hours
- D. Days

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Practice Questions

Question 18

While creating a page type from Admin view, what is the default value of the sort index field? Select the best answer.

- A. 100
- B. 10
- C. 1
- D. -1

Question 19

Which .NET Framework version should be targeted for Episerver development with Episerver CMS 11? Select the best answer.

- A. Latest
- B. 4.7.1
- C. 4.5.2
- D. 4.6.1

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Question 20

Personalisation can be applied to which of the following? Select all that apply.

- A. A page in a ContentArea property
- B. A page in a ContentReference property
- C. A page in the Pages tree in Navigation pane
- D. A block in a ContentReference property
- E. A block in a ContentArea property
- F. An image in a ContentReference property
- G. Some text in an XhtmlString property
- H. An image in an XhtmlString property

Question 21

In a load balanced environment, what Episerver feature can be used to invalid a page in object cache? Select the best answer.

- A. WCF UDP endpoint
- B. WCF TCP endpoint
- C. Remote Events
- D. Azure Service Bus

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Question 22

What is the unofficial recommended maximum number of children for each node? Select the best answer.

- A. 200
- B. 100
- C. None
- D. 1000

Question 23

Which service type do we use for querying a Lucene index? Select the best answer.

- A. IContentLoader
- B. IPageCriteriaQueryService
- C. SearchHandler
- D. SearchClient

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Question 24

What are the benefits of Episerver CMS multi-site setup? Select all that apply.

- A. Share among your websites the same content assets, such as media files and blocks.
- B. Run your websites on the same IIS application as long as you configure the site IIS to respond to multiple host names.
- C. Easily remove websites when they are not needed anymore.
- D. Install websites through XCOPY deployment by copying application files.

Question 25

The customer has a requirement to display on the company's website a list of latest job vacancies. Customer partners have public SOAP services to retrieve information about open job positions. What is the best technology choice to implement required data integration?

Select the best answer.

- A. Content Provider
- B. Scheduled Job
- C. Partial Router
- D. Service API

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Practice Questions

Question 26

With Episerver Forms, which types can you derive from to create a custom Forms element? Select all that apply.

- A. PageData
- B. ElementBlockBase
- C. BlockData
- D. ValidatableElementBlockBase

Question 27

On which components is DXC service based? Select all that apply.

- A. Episerver Search
- B. Microsoft Azure Service Bus
- C. Microsoft Azure Storage Queues
- D. Microsoft Azure SQL Database
- E. Microsoft Azure Storage Blobs
- F. Episerver Find

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Practice Questions

Question 28

If you want to save an item implementing IContent, you need to get an instance of what? Select the best answer.

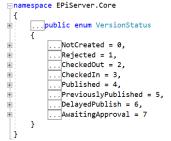
- A. EPiServer.IContentLoader
- B. EPiServer.IContentRepository
- C. Doesn't matter which one you choose, both are valid and work in same manner, as long as you call CreateWriteableClone method after calling the Get<T> method.

Question 29

When a page is created programmatically, what is the Status of the page immediately after creation?

Select the best answer.

- A. Published
- B. AwaitingApproval
- C. NotCreated
- D. CheckedOut



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Practice Questions

Question 30

If a property has an empty value, which means it is not stored in the database, what will it return? Select the best answer.

- A. 0
- B. Empty string
- C. null
- D. false

Question 31

Which membership provider(s) are used to authenticate users when they log in to an Episerver site with this configuration?

PublicKeyToken=b03f5f7f11d50a3a'

Select all that apply.

- A. WindowsMembershipProvider
- B. SqlServerMembershipProvider
- C. MultiplexingMembershipProvider

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Practice Questions

Question 32

You have configured the localization provider as shown in the Web.config. What does the following statement return? Select the best answer.

- A. null
- B. my other string
- C. my string
- D. myotherstring

```
string label = LocalizationService.Current
    .GetString("myotherstring");
```

Question 33

You have written the following statement to save changes to a page programmatically, but the current user doesn't have Publish access right to the content, and the statement throws an exception. Which access level should you use to allow the page to be published? Select the best answer.

- A. FullAccess
- B. Publish
- C. NoAccess
- D. Edit

```
repo.Save(content,
    EPiServer.DataAccess.SaveAction.Publish,
    EPiServer.Security.AccessLevel._____);
```

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Practice Questions

Question 34

Which of the following properties can be set for the [TemplateDescriptor] attribute. Select all that apply.

- A. ModelType
- B. Name
- C. Type
- D. Inherited

Question 35

Which of the following are options of the SaveAction enum that you would use with the IContentRepository Save API in CMS 10? Select all that apply.

- A. Publish
- B. DelayedPublish
- C. CheckOut
- D. Save
- E. Reject

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Practice Questions

Question 36

Which two interfaces must be implemented by a content type to be stored in the content repository and versioned independently?

- A. IContentData
- B. IContentRepository
- C. IContent
- D. IVersionable

Question 37

Which is not a method of IContentLoader? Select the best answer.

- A. GetChildren
- B. GetParent
- C. GetDescendents
- D. GetItems

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Practice Questions

Question 38

A custom content provider can deliver which of the following content types? Select all that apply.

- A. Root Page
- B. Pages
- C. Start Page
- D. Blocks
- E. Media assets
- F. Waste Basket
- G. Folders

Question 39

Full Text Search is supported by which of the following content providers? Select the best answer.

- A. Default Content Provider
- B. Custom Content providers
- C. Remote Page Provider
- D. All of the above

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Practice Questions

Question 40

Which of the following statements about caching are true? Select all that apply.

- A. Object cache and output cache invalidate stored objects using Remote Events.
- B. Object cache stores read-only objects.
- C. Object cache stores objects on the client-side.
- D. Output cache invalidates when content is published.
- E. File caching uses IIS kernel caching to boost performance.

Question 41

Which of the following statements caches the response for 20 minutes, assuming Web.config has a default configuration?

Select the best answer.

- A. [ContentOutputCache(Duration = 1200)]
- B. [ContentOutputCache(Duration = 20)]
- C. [OutputCache(Duration = 1200)]
- D. [ContentOutputCache]

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Question 42

Which of the following statements are true regarding Initialization Modules? Select all that apply.

- A. Contains Initialize and Uninitialize methods
- B. Initialize method is guaranteed to be called only once
- C. If an exception occurs the system gets re-started
- D. If an exception occurs initialization is stopped, retries at next incoming request

Question 43

If a page is scheduled to be published at 10:30 am and the **Publish Delayed Content Versions** scheduled job is running every one hour starting at 09:00 am, when will the page be published? Select the best answer.

- A. 09:00 am
- B. 10:00 am
- C. 10:30 am
- D. 11:00 am
- E. 11:30 am

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Practice Questions

Question 44

When testing a scheduled job, as well as manually starting the job, why should you let the scheduler trigger it as well?

Select the best answer.

- A. To check that the system clock is synchronized.
- B. Jobs triggered manually are ran in the context of the current user, while scheduled jobs don't automatically run under any user context.
- C. Manually triggered jobs are ran on the IIS worker process, while scheduled jobs run under the windows scheduler.
- D. There is no need, jobs triggered manually and automatically are identical.

Question 45

Where should you register your own dependency resolver? Select the best answer.

- A. In the Global.asax
- B. In an OWIN StartUp class
- C. In an initialization module implementing IConfigurableModule
- D. In an initialization module implementing IlnitializationModule

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Practice Questions

Question 46

In a multi-site multi-server deployment scenario, which of the following is correct? Select the best answer.

- A. Each site has its own content database that is kept synchronized using Remote Events.
- B. Load-balancing across multiple servers uses Remote Events to invalidate cached objects.
- C. Load-balancing across multiple servers requires the Episerver CMO add-on.
- D. Each site has its own file share for BLOBs that is kept synchronized using Mirroring.

Question 47

What does the following statement do if contentReference is not a NewsPage? Select the best answer.

var newsPage = loader.Get<IContent>(contentReference) as NewsPage;

- A. Throws an exception.
- B. Returns the Root page.
- C. Returns an instance of the default content type.
- D. Returns null.

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Practice Questions

Question 48

Which of these Web.config elements controls caching for content assets like an image or PDF? Select the best answer.

- A. <system.webServer><staticContent><clientCache>
- B. <staticFile>
- C. <episerver><applicationSettings>
- D. <system.web><caching>

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Question 49

How many mandatory fields are there in the DDS? Select the best answer.

- A. 2
- B. 3
- **C.** 4
- D. 6

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Practice Questions

Question 50

Which attributes can you apply to a class for a content type? Select all that apply.

- A. [ContentType]
- B. [Display]
- C. [Access]
- D. [UIHint]
- E. [ImageUrl]
- F. [AvailableContentTypes]
- G. [GroupDefinitions]

Question 51

Which interface should you implement if you want to create a controller class that would be detected by the CMS template resolver?

Select the best answer.

- A. IController
- B. ITemplate
- C. IRenderTemplate
- D. IRenderController

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Practice Questions

Question 52

If an editor wants to preview a page in various languages, what should the editor do? Select the best answer.

- A. Change the browser settings to various languages, and in the page's toolbar, toggle Preview mode.
- B. In the page's basic information area, use Tools and Language Settings to switch to various languages.
- C. In the page's toolbar, toggle view settings to various languages.
- D. In Admin view, change the master language of the site to various languages.

Question 53

Which of these are not features of Episerver Search? Select all that apply.

- A. Full-text search
- B. Event driven indexing
- C. Dynamic Facets
- D. Static facets
- E. DXC Service compatible

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Practice Questions

Question 54

Which of these statements are true of XForms? Select all that apply.

- A. Client-side validation can be performed.
- B. Server-side validation can be performed.
- C. XForms form definitions implement IContent.
- D. XForms form submissions must be stored in DDS.
- E. XForms implement a W3C standard.

Question 55

Which of these statements are true about Episerver Forms? Select all that apply.

- A. Supports Episerver CMS 9 and higher.
- B. Installed by default.
- C. Allows file uploads.
- D. Supports conditional fields.

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ペ介し Practice Questions

Question 56

Which of the following attributes will affect visitors and can be passed to the "AdditionalViewData" parameter in the following statement instead of "???"

- A. CustomTag
- B. CssClass
- C. id
- D. @class
- E. ChildrenCustomTagName

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Question 57

Which of the following data types are supported out-of-the-box? Select all that apply.

- A. string
- B. ContentReference
- C. float
- D. bool
- E. string[]

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Practice Questions

Question 58

Which of the following methods are not members of the EPiServer.IContentLoader interface? Select all that apply.

- B. IContent GetBySegment(ContentReference parentLink, string urlSegment, LoaderOptions settings);
- C. IEnumerable<IContent> ListDelayedPublish();
- D. T Get<T>(ContentReference contentLink, CultureInfo language) where T : IContentData;

Question 59

Which one of these event handlers is not a member of the EPiServer.Core.IContentEvents interface? Select the best answer.

- A. CheckedInContent
- B. CheckedOutContent
- C. UpdatedContent
- D. DeletedContent
- E. RejectedContent

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Practice Questions

Question 60

Which licensed add-on is included in DXC Service? Select the best answer.

- A. Episerver CMO
- B. Episerver Social
- C. Episerver Relate
- D. Episerver Find

Question 61

If you were creating an Episerver add-on, where would be the primary source of information relating to look and feel?

Select the best answer.

- A. world.episerver.com/cms
- B. world.episerver.com/ux
- C. ux.episerver.com
- D. world.episerver.com/look-and-feel

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Practice Questions

Question 62

What characteristic(s) must a scheduled job have to allow an Administrator to interrupt its execution? Select all that apply.

- A. Check your private flag within the Execute method
- B. Set IsStoppable to true in constructor
- C. Set ScheduledPlugInAttribute's IsStoppable property to true
- D. Inherit directly or indirectly from ScheduledJobBase
- E. Override Stop method to set a private flag

Question 63

What mechanism might prevent a scheduled job from starting? Select the best answer.

- A. enableScheduler set to false in web.config.
- B. It's not active in Admin view.
- C. It's currently executing on another server in a multi-server deployment.
- D. All of above.

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Question 64

To localize a piece of content, what must be done before it can be localized? Select all that apply.

- A. Administrator must enable multiple website languages.
- B. Editor must enable fallback languages on the master language branch.
- C. Administrator must enable globalization.
- D. Content properties must be decorated with CultureSpecific attribute.
- E. Editor must enable replacement languages on the master language branch.
- F. Editor must enable languages on the master language branch of a content item.

Question 65

You have written a page type as shown in the code. When you start the site, some runtime exceptions are thrown. Why?

Select three answers.

- A. You cannot apply CultureSpecific to a block used as a property type.
- B. You cannot apply CultureSpecific to an enum property.
- You cannot apply CultureSpecific to a Url property.
- You cannot apply AllowedTypes to a Url property.

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```
public class PropertyTypesDemoPage : PageData
{
    [CultureSpecific]
    [UIHint(UIHint.Image)]
    [AllowedTypes(typeof(ImageData))]
    public virtual Url ImageLink { get; set; }

    [CultureSpecific]
    public virtual TeaserBlock MainTeaser { get; set; }

    [CultureSpecific]
    public virtual DayOfWeek DayOfWeek { get; set; }

    [CultureSpecific]
    [AllowedTypes(typeof(ProductPage))]
    public PageReference FavoriteProduct { get; set; }
}
```

- E. You cannot apply AllowedTypes to a PageReference property.
- F. You cannot apply UIHint to a Url property.
- G. All CMS-stored properties must be virtual.

Practice Questions

Question 66

Which attributes can be assigned to a string property? Select all that apply.

- A. CultureSpecific
- B. AllowedTypes
- C. ScaffoldColumn
- D. Range

Question 67

You have defined a Heading property as shown. How would you render it in a view so that it can use the correct display template for visitors?

```
[UIHint("h3")]
public virtual string Heading { get; set; }
Select all that apply.
A. @Html.EditAttributes(m => m.Heading)
B. @Html.DisplayFor(m => m.Heading)
C. @Model.Heading
D. @Html.PropertyFor(m => m.Heading)
```

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Practice Questions

Question 68

Which one of the following statements about the object cache is false? Select the best answer.

- A. It's based on the ASP.NET Cache
- B. Only read/write objects will be stored
- C. Objects in the Episerver CMS requested from the API are automatically cached
- D. Only read-only objects are stored to enable greater performance
- E. Includes advanced characteristics to improve scalability

Question 69

Once a request for Approval has been made, each piece of content has an instance of ContentApproval associated with it. Which two of the following properties are not properties of ContentApproval?

Select all that apply.

- A. Completed
- B. CompletedBy
- C. CompletedState
- D. CompletedComment
- E. CompletedApproval

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ペル Practice Questions

Question 70

Which of the following are true statements about the A/B testing add-on? Select two.

- A. It's not included by default in the Episerver installation
- B. It requires an additional license
- C. It includes a selection of predefined conversion goals
- D. Winners of the test are always published when automatic publishing is used

Question 71

How would you retrieve direct children pages of a content instance using IContentLoader? Select the best answer.

- A. Loader.GetChildren<IContent>(pageLink)
- B. Loader.GetChildren<PageData>(pageLink)
- C. Loader.GetDescendents<IContent>(pageLink)
- D. Loader.GetOffspring<PageData>(pageLink)

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Question 72

DXC Service utilizes the following backup strategy? Select the best answer.

- A. Assets are protected from accidental deletion by Azure Blob Storage geo redundant replication.
- B. Creates a full SQL Server backup every five minutes.
- C. Creates backups of the Web Apps file content every 24 hours.
- D. Backups the Azure Blob Storage every hour.

Question 73

Which of the following statements is true regarding a Scheduled Job? Select the best answer.

- A. Jobs run in Windows scheduler.
- B. IIS web server must be up and running.
- C. Jobs run independent of IIS worker process.
- D. None of the above.

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Practice Questions

Question 74

Scheduled Jobs triggered manually and automatically are executed in an identical manner. Select the best answer.

- A. True
- B. False

Question 75

Which of the following Episerver add-ons is not supported with DXC Service? Select the best answer.

- A. CMO
- B. Social Reach
- C. Social
- D. Google Analytics
- E. Languages
- F. Find
- G. Forms
- H. A/B Testing

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Practice Questions

Question 76

What statement is true regarding the ContentFolder content type? Select the best answer.

- A. Can be displayed in the page tree and to the visitor
- B. Cannot have access rights
- C. Cannot be versioned
- D. Can be localized

Question 77

When load balancing multiple servers how do you ensure that a scheduled job only runs on one of the servers?

Select the best answer.

- A. Inside the Execute() method of the scheduled job add a flag to let it know that it's already running using the OnStatusChanged() method.
- B. Set the permissions for the scheduled job so only an Admin user from one of the sites can run the scheduled job.
- C. Set the attribute enableScheduler to false on the <applicationSettings> configuration element in the web.config on all servers except the one that will run the scheduled jobs.
- D. Disable the schedule job as soon as it starts up and re-enable once the job has been completed in the overrideable Stop() method.

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Practice Questions

Question 78

How long is the default object cache expiration on the web server set for? Select the best answer.

- A. 0 hours
- B. 1 hour
- C. 12 hours
- D. 24 hours

Question 79

Which statements about the DXC Service are true? Select three.

- A. Logging is available in failover state.
- B. A developer can use a tool like Octopus to deploy directly to the Preproduction environment.
- DXH connectors are pre-built connectors to leading marketing automation and analytics platforms.
- D. Episerver CMS Mirroring is not supported.
- E. The use of a Content Delivery Network (CDN) requires an additional add-on package.
- F. Automatic schema updates must be enabled.

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Practice Questions

Question 80

What is a correct way of applying a tag to a content area? Select the best answer.

```
A. @Model.myProperty(new { Tag = "myTag"})
```

- B. @Html.DisplayFor(x => x.myContentArea, new { Tag = "myTag" })
- C. @Html.PropertyFor(x => x.myContentArea, new { Tag = "myTag" })
- D. @Html.PropertyFor(x => x.myContentArea, "myTag")

Question 81

Given this configuration, when attempting to log in where would the website first check to see if your user existed?

Select the best answer.

- A. Windows User Store
- B. SQL Database
- C. Active Directory
- D. Multiplex User Store

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Question 82

Initialization modules do not allow constructor parameter injection, so you use initialization engine's object instead. If you want to inject a dependency such as IContentLoader, which method would you use in the Initialize method. Select the best answer.

```
private IContentLoader loader = null;
public void Initialize(InitializationEngine context)
{
    // your code here
}
A. this.loader = context.Locate.Advanced.GetInstance<IContentLoader>();
B. this.loader = context.Advance.Locate.GetInstance<IContentLoader>();
C. this.loader = context.Locate.GetInstance<IContentLoader>();
D. this.loader = context.Advanced.GetInstance<IContentLoader>();
```

Question 83

To execute code every day at midnight, which class would you inherit from? Select the best answer.

- A. ScheduledJob
- B. ScheduledJobBase
- C. TaskItemBase
- D. ScheduledTaskBase

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Question 84

How often is the customer deployed code and configuration backed up in DXC service? Select the best answer.

- A. Every 1 hour
- B. Every 2 hours
- C. Every 12 hours
- D. Every 24 hours

Question 85

Which Episerver Forms Actors are implemented by default? Select all that apply.

- A. CallWebhookAfterSubmissionActor
- B. IPostSubmissionActor
- C. PostSubmissionActorBase
- D. SendEmailAfterSubmissionActor

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ペ介し Practice Questions

Question 86

Which of these is NOT a valid member of CacheTimeoutType? Select the best answer.

- A. Sliding
- B. GetDefaultType()
- C. Undefined
- D. GetOriginalType()
- E. Absolute

Question 87

When installing Episerver Find what changes should be made to the Web.config file? Select the best answer.

- A. None, it works out of the box.
- B. Add an "episerver.find" element with url and index name.
- C. Add a section element with a name and a type attribute.
- D. Both answers B and C.

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Practice Questions

Question 88

In the below code if repoSecurity is of the type IContentSecurityRepository why would the below code not work when trying to assign access rights to the role "editors"?

Select the best answer.

- A. IContentSecurityRepository is deprecated and should be a IContentSecurityDescriptor.
- B. You must call Save() on the permissions instead of the repository.
- C. You must call CreateWritableClone() after getting the permissions.
- D. Access rights cannot be assigned on the Root Page.

Question 89

Which of the following works on DXC Service-hosted websites? Select all that apply.

- A. Episerver Forms
- B. Episerver XForms
- C. Episerver Search
- D. Episerver Find

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Practice Questions

Question 90

Which of the below conversion goals is not built in with Episerver CMS? Select the best answer.

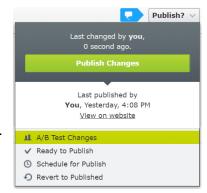
- A. Number of Seconds on Page
- B. Number of Visits to Page
- C. Number of Minutes on Site
- D. Go to Landing Page

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Question 91

Which NuGet package must you install to create an A/B Test? Select the best answer.

- A. EPiServer.Marketing.Testing
- B. EPiServer.ABTesting
- C. EPiServer.Testing.Cms
- D. None, because it's included in the core EPiServer.CMS package.



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Practice Questions

Question 92

Which UrlResolver method is used to translate an object into a partial route? Select the best answer.

- A. GetVirtualPath()
- B. GetVirtualPathForNonContent()
- C. GetUrl()
- D. GetRoute()
- E. GetPartialRoute()

Question 93

Which DXC service PaaS portal feature is not yet available? Select the best answer.

- A. Set maintenance page
- B. Streaming logs
- C. Deployment to production
- D. Scheduled deployments

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ペ介し Practice Questions

Question 94

Say that there is a page under the start page named "About us" in English and "Over ons" in Dutch. With the strict language routing (and no language-host mapping in config) which of the URLs will give a 404? Select all that apply.

- A. http://localhost/about-us
- B. http://localhost/over-ons
- C. http://localhost/en/about-us
- D. http://localhost/nl/over-ons
- E. http://localhost/en/over-ons
- F. http://localhost

Question 95

The User Notification framework in Episerver has several message types. Mark the correct message types.

Select the best answer.

- A. NotificationMessage
- B. DelayedNotificationMessage
- C. FilteredNotificationMessage
- D. DispatchedNotificationMessage
- E. ScheduledNotificationMessage

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Practice Questions

Question 96

What is the lowest supported SQL Database version for DXC Service? Select the best answer.

- A. 11
- B. 12
- C. 13
- D. 14

Question 97

Which of the following is NOT a supported add-on for DXC Service? Select the best answer.

- A. Episerver Search
- B. SEO Manager
- C. Episerver Social Reach
- D. Google analytics for Episerver

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Practice Questions

Question 98

When creating an Episerver Forms form, how do you mark a field as mandatory? Select the best answer.

- A. Create the form in code and implement ValidationAttribute on the field.
- B. Tick the 'Required' checkbox on the form field.
- C. Edit the ASCX file for the component in the protected folder and set the html 'required' property.
- D. Nothing form fields are always required.

Question 99

How do you customise an Episerver Forms form field's CSS style? Select the best answer.

- A. Add a new class to your site CSS that overrides the form field's CSS class
- B. You cannot do this.
- Edit the form field ASCX file in the protected modules folder
- D. Implement a Forms Actor and when the form is rendered override the CSS

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Practice Questions

Question 100

Pick all conditions required for episerver to automatically publish a winner of an A/B test? Select all that apply.

- A. if the test result is statistically significant
- B. if there are three choices for episerver to choose in the test
- C. if Automatic publishing of A/B tests is enabled
- D. if episerver is running in DXC-S

Question 101

Which of these sentences best describes Object Caching? Select the best answer.

- A. When an HTTP response is returned from the server, it can be cached in memory.
- B. Works best with content that changes frequently.
- C. When a requested content item is loaded from the database and stored as a readonly object in memory.
- D. Is recommend for static application files like JavaScript libraries.

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Practice Questions

Question 102

In which versions of Episerver can you use the following code to inject IContentTypeRepository in a scheduled job as shown in the code?

Select all that apply.

```
A. 8.6
```

B. 9.8

C. 10.3

D. 10.8

E. 11.5

Question 103

Which of the following virtual roles are delivered with Episerver CMS? Select all that apply.

- A. CmsAdmins
- B. CmsEditors
- C. PackagingAdmins
- D. SearchAdmins
- E. SearchEditors

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Practice Questions

Question 104

Which of the following is NOT a valid method of IContentRepository? Select the best answer.

- A. Get(T)(ContentReference)
- B. Get(T)(Guid)
- C. GetChildren(T)(ContentReference)
- D. GetChildren(T)(Guid)

Question 105

Which of the following are the minimum requirements for implementing an Initialization Module? Select two answers.

- A. Implement IlnitializableModule
- B. Inherit from InitializableModule
- C. Decorate with [InitializableModule]
- D. Decorate with [IlnitializableModule]

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ペ介し Practice Questions

Question 106

How can you set default values for a property of a content type? Select all that apply.

- A. Provide a value in the get method of the property
- B. Decorate the property with [SetDefaultValue(...)]
- C. Override the SetDefaultValues function
- D. Set the default value for the content type in the admin view

Question 107

What is the best way to control the rendering for an editable property for on-page editing? Select the best answer.

- A. Html.DisplayFor
- B. Html.PropertyFor
- C. Html.RenderEditProperty
- D. Html.EditAttributes

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Practice Questions

Question 108

What is the default cache expiration duration when working inside a scheduled job? Select the best answer.

- A. None
- B. 60 seconds
- C. 5 minutes
- D. 1 hour
- E. 12 hours
- F. 24 hours

Question 109

Which of the following system jobs is scheduled to run weekly by default? Select all that apply.

- A. Remove unrelated content assets
- B. Clear thumbnail properties
- C. Remove permanent editing
- D. Remove abandoned BLOBs

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ペ介し Practice Questions

Question 110

Which of the following are associated with Initialization Modules? Select all that apply.

- A. InitializableModule
- B. ModuleDependency
- C. IlnitializableModule
- D. Ildempotent

Question 111

Which of the following are not included as built in goals / KPIs in the Marketing. Testing nuget add-on? Select the best answer.

- A. Social Share
- B. Go to landing page
- C. Site stickiness
- D. Add to cart

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Practice Questions

Question 112

Which of the following statements, regarding a page with an associated approval sequence, are true? Select the best answer.

- A. Editors can set a scheduled publish date.
- B. The item cannot be published by anyone until it reaches the end of the approval sequence.
- C. Reviewers require Read and Publish rights to the item to approve it.
- D. Editors cannot edit an item that is checked in.

Question 113

Which Html helper extension method renders a content reference as ? Select the best answer.

- A. ContentLink()
- B. ContentUrl()
- C. FriendlyUrl()
- D. DisplayFor()

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ペ介し Practice Questions

Question 114

Which kind of form element dependencies exist in Episerver Forms? Select the best answer.

- A. A step can have a dependency on an element.
- B. An element can have a dependency on an element.
- C. Episerver Forms doesn't support dependencies.
- D. Both steps and elements can have dependencies.

Question 115

You have modified an ACL using:

var acl = currentPage.ACL.CreateWritableClone() as AccessControlList;
// statements to modify the list of entries

What do you need to do to make this ACL apply?

Select the best answer.

- A. The changes are saved automatically, no need to do this manually.
- B. Call the Apply() method on the acl object.
- C. Call the Save() method on the acl object.
- D. Get an instance of the IContentSecurityRepository and call the Apply() method on that.
- E. Get an instance of the IContentSecurityRepository and call the Save() method on that.

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Practice Questions

Question 116

You have multiple sites in a single Episerver CMS instance and the customer wants to be able to use Episerver Find to search through all of them on any site. How do you implement this?

- Select the best answer.
- A. It does this by default.
- B. You have to specify a custom PublicSearchFilter in an initialization module.
- C. You have to do multiple searches, each with a different SiteID in the query.
- This is not possible.

Question 117

Which of the following statements regarding the IContentVersionRepository are true? Select all that apply.

- A. It is specific to Episerver Commerce.
- B. It is a deprecated version of IContentRepository.
- C. It aggressively caches just like IContentLoader.
- D. It is new since Episerver CMS 9.

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Practice Questions

Question 118

Which of the following statements regarding the IPartialRouter<TContent, TRoutedData> are true? Select all that apply.

- A. Partial routers must be registered during the initialization process.
- B. RoutePartial() is used to resolve the route data.
- C. GetPartialVirtualPath() is called every time a URL gets resolved.

Question 119

What are some breaking changes in Episerver CMS 11? Select all that apply.

- A. ThumbnailManager has been moved to EPiServer.Cms.AspNet
- B. TinyMCE has been moved to separate NuGet packages.
- C. The minimum version of the .NET Framework is 4.5.2
- D. CreatePropertyControl has been removed from PropertyData

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Practice Questions

Question 120

Can Episerver Forms and XForms both be installed in the same Episerver CMS website project? Select the best answer.

- A. Yes
- B. No

Question 121

What is *not* needed to enable Episerver Forms encryption? Select the best answer.

- A. Change settings in the Web.config
- B. Change settings to the Forms.config
- C. A secret on Azure KeyVault
- D. Installed NuGet package EPiServer.Forms.Crypto.AzureKeyVault
- E. Session state is enabled

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Practice Questions

Question 122

Which of the following are methods you can use on the ProjectRepository class? Select all that apply.

- A. SaveItems()
- B. Save()
- C. Publish()
- D. Remove()

Question 123

How would you create a plugin for **Admin** view's **Tool Settings** section on the **Config** tab? Select the best answer.

- A. Create a controller class that inherits from PluginBaseController.
- B. Create a class that inherits from GuiPluginBase and decorate it with [PlugIn].
- C. Create a controller class that inherits from Controller and decorate it with [GuiPlugIn].
- D. Create a class that inherits from PluginBase and decorate it with [GiuPlugIn].

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Practice Questions

Question 124

If you want to validate multiple properties with custom logic, what's the best way to do that? Select the best answer.

- A. Implement the IValidate<T> interface.
- B. Override the IsValid() method in the controller.
- C. Implement the IMetadataAware interface.
- D. Create a custom validation attribute inherited from the class ValidationAttribute.

Question 125

If you want to programmatically change the toolbar of the TinyMCE editor, which method of IConfigurableModule would you make the changes?

Select the best answer.

- A. Initialize
- B. ConfigureContainer
- C. Uninitialize
- D. ConfigureModule

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Practice Questions

Question 126

In Episerver CMS 10, a breaking change moved **EPiServer.Shell.dll** to which package? Select the best answer.

- A. EPiServer.CMS.UI.Core
- B. EPiServer.Framework
- C. EPiServer.Core
- D. EPiServer.Shell

Question 127

The AB testing package has one cookie per test the user visits in the format of? Select the best answer.

- A. EPI-KPI-<Content GUID>
- B. EPI-MAR-<string FriendlyName>
- C. EPI-MAR-<Content UserID>
- D. EPI-MAR-<Content GUID>

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ペ介し Practice Questions

Question 128

An instance of a class implementing which interface do you need to create a new language branch for a content item?

Select the best answer.

- A. IContentLoader
- B. IContentRepository
- C. ILocalizationService
- D. ILanguageBranchRepository

Question 129

Where can you initialize a custom content provider? Select the best answer.

- A. Only in the Web.config.
- B. Only in an initialization module.
- C. In an initialization module or in the web.config.
- D. None of the above.

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ペ介し Practice Questions

Question 130

Which notification message type does not exist? Select the best answer.

- A. NotificationMessage
- B. ScheduledNotificationMessage
- C. QueuedNotificationMessage
- D. DelayedNotificationMessage

Question 131

Which feature is supported within Episerver DXC Service? Select the best answer.

- A. Episerver Search
- B. Solr Search Provider
- C. Windows Workflow Foundation
- D. None of the above

Episerver

Practice Questions

Question 132

Which method do you use to start the content approval process? Select the best answer.

```
A. IContent content;
IContentRepository contentRepository;
contentRepository.StartContentApproval(content);

B. IContent content;
IContentRepository contentRepository;
contentRepository.Save(content, SaveAction.RequestApproval, AccessLevel.NoAccess);

C. IContent content;
IApprovalRepository approvalRepository;
approvalRepository.Start(content);

D. IContent content;
IApprovalRepository approvalRepository;
approvalRepository.Request(content);
```

Question 133

Which statement are true about add-ons?

Select all that apply.

- A. Add-ons might be plug-ins, scheduled jobs, gadget, content types or templates.
- B. To secure add-ons on a public facing server the ~/modules folder should be deleted.
- C. Add-ons are distributed as nuget packages in the official Episerver nuget feed.
- Only approved partners and licensed 3rd party add-ons may be included in the official Episerver nuget feed.
- E. Add-ons resources are stored in a zip-file.

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With this piece of resource XML, which piece of code should you use to retrieve the label 'Opslaan'? Select the best answer.

```
    A. LocalizationService.Current.GetString("/labels/save");
    B. LocalizationService.Current.GetString("labels/save");
    C. LocalizationService.Current.Translate("/labels/save");
    D. LocalizationService.Current.Translate("labels/save");
```

Question 135

Which statement(s) are true about deploying an Episerver CMS website on-premise? Select all that apply.

- A. Deploying an Episerver site on-premise requires IIS to be installed on that machine.
- B. When deploying an Episerver site on-premise, the updateDatabaseSchema attribute on the web.config <episerver> element has to be set to false.
- C. When running an Episerver CMS website in a load-balanced scenario on-premise, you can only have one site running per IIS instance.
- D. As there is site-specific information available in the configuration files, the website files can not be placed in a shared location.
- E. MSDeploy can be used to automate the process of copying the website's files.

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Practice Answers

		16.	В	36.	C, D	56.	A, B, E	76.	С	96. B	116. B
		17.	D	37.	В	57.	A, B, D	77.	С	97. A	117. None!
Answers		18.	Α	38.	B, D, E, G	58.	A, C	78.	С	98. B	118. A, B
		19.	D	39.	Α	59.	С	79.	C, D, F	99. C	119. A, B, D
1.	С	20.	A, C, E, G, H	40.	A, B, D, E	60.	D	80.	С	100. A, C	120. A
2.	D	21.	С	41.	Α	61.	С	81.	В	101. C	121. A
3.	A, B, E	22.	В	42.	A, D	62.	A, B, D, E	82.	Α	102. C, D, E	122. A, B
4.	$A \rightarrow 1, B \rightarrow 2,$	23.	С	43.	D	63.	D	83.	В	103. All	123. C
	$C \rightarrow 1, D \rightarrow 3$	24.	A, B, C	44.	В	64.	A, C, D, F	84.	D	104. D	124. A
5.	A, C	25.	C (least effort)	45.	С	65.	A, D, G	85.	A, D	105. A, C	125. B
6.	С	26.	B, D	46.	В	66.	A, C	86.	В	106. A, C, D	126. A
7.	A, B, C, E	27.	B, D, E, F	47.	D	67.	B, D	87.	D	107. D	127. D
8.	D (XML files)	28.	В	48.	В	68.	В	88.	С	108. B	128. B
9.	В	29.	С	49.	С	69.	C, E	89.	A, B, D	109. ?	129. C
10). B, D	30.	С	50.	A, C, E, F	70.	A, C	90.	В	110.?	130. C
11	A	31.	Α	51.	С	71.	В	91.	Α	111.?	131. B
12	. C	32.	D	52.	С	72.	С	92.	В	112.?	132. B
13	8. B	33.	С	53.	C, E	73.	В	93.	С	113. A	133. A, C, E
14	B, C, D	34.	A, B, D	54.	A, B, E	74.	В	94.	A, B, E	114. D	134. A
	. A, B, E	35.	A, C, E	55.	A, C, D	75.	Α	95.	?	115. E	135. A, E
Eni	server										