

# Programming ASP.NET Core

## Chapter 10: SportsStore: Progressive Features and Deployment

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Q1. What is a progressive web application (PWA)?

- A. A web application is initially support limited functions and gradually features are added to it
- B. A web application is initially support limited function on older browsers but on modern browsers it supports full functionalities
- C. A web application that is developed using iterative life cycle model
- D. A web application that behaves more like a native application, which means it can continue working when there is no network connectivity, its code and content are cached so it can start immediately, and it can use features such as notifications

Answer: D

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Q2. Which package do you need to install to add Progressive Features to your angular applications?

- A. angular-cli
- B. angular-cache
- C. angular/pwa
- D. RxJS/MemoryCache

Answer: C

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Q3. What does the @angular/pwa package do to your angular applications?

- A. It caches Observable collection that you fetch remote from RESTful services in your angular application
- B. It enables animation during view transitions
- C. It as reactive features to angular applications
- D. It configures the application so that HTML, JavaScript, and CSS files are cached, which will allow the application to be started even when there is no network available

Answer: D

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Q4. Which configuration file specifies which files and data URLs the Angular service worker should cache and how it should update the cached files and data?

- A. src/ngsw-config.json
- B. src/tsconfig.app.json
- C. src/tsconfig.spec.json
- D. src/tslint.json

Answer: A

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Q5. Which section of the ngsw-config file specifies which application data to be cached?

- A. assetGroups
- B. dataGroups

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- C. cacheConfig
  - D. resources

Answer: B

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Q6. Look at the ngsw-config.json section

"dataGroups": [

```
{  
  "name": "...",  
  "urls": [...],  
  "cacheConfig": {  
    "maxSize": 100,  
    "maxAge": "5d"  
  }  
}
```

What does it specify?

- A. the cache will contain data maximum 100MB data and that data will be valid for 5 days
- B. the cache will contain data of 100 objects and that data will be valid for 5 days
- C. the cache data will be valid for a minimum of 5 days and maximum 100 days
- D. the cache will contain data from 100 requests and that data will be valid for 5 days

Answer: D

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Q7. Which of the following do you use to determine the connection status of the application?

- A. the browser's navigator.onLine
- B. the browser's navigator.offLine
- C. the browser's navigator.connection
- D. the browser's navigator.isOnline

Answer: A

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Q8. Which command do you use to build your angular application to be deployed to a remote server?

- A. ng build
- B. ng build --prod
- C. ng build --watch
- D. ng build --aot

Answer: B

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[ng build for development environment

ng build --prod for production environment

ng build --watch if you want regenerates output files when source files change

ng build --aot for Ahead of Time compilation]

Q9. Which configuration file is required if you want to download the additional packages required by the application during deployment?

- A. ts-config.json
- B. config.json
- C. package.json
- D. Deploy-package.json

Answer: D

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