

1. What is SPA?

**Ans:** Abbreviation for SPA is single page application. SPA is the application in which the whole web page fits in a single page which makes the user comfortable. The webpage doesnot reload and no transfers from onepage to another. And as usually it will be communicating with webserver with help of ajax and javascript stuff.

2. What are the advantages of using SPA?

**Ans:**

- 1) No extra trips to web server.
- 2) More user friendly.
- 3) Performance improvement because of one time load.

3. What are the disadvantages of using SPA?

**Ans:**

- 1) less secured when compared to traditional page applications due to cross site scripting.
- 2) Memory leakage may get occurred.
- 3) Client must enable javascript.

4. What is the use of \$route service?

**Ans:** \$route is used for deep linking the URL's to views and controllers. It tries to map the the Path to existing route definition. \$route service is typically used in communicating with ngView and \$routeParams.

5. What is ngView()?

**Ans:** ngView is used for rendering the HTML templates or views in a specified route. Every time the current route changes, the included view changes with it according to the configuration of the \$route service.

6. What is the use of \$routeProvider Service?

**Ans:** \$routeProvider is used to configure the routes. We use the ngRoute config() to configure the \$routeProvider. The config() takes a function which takes the \$routeProvider as parameter and the routing configuration goes inside the function.

7. What is the syntax for configuring a route using \$routeProvider service?

**Ans:**

```
var mainApp = angular.module("mainApp", ['ngRoute']);
```

```
mainApp.config(['$routeProvider', function ($routeProvider) {  
    $routeProvider  
        .when('route1',{template:"first.html",controller:"myCtrl"})  
        .otherwise({redirectTo: '/defaultRoute'});  
}]);
```

8. What is the purpose of when() in angular routing?

**Ans:** when() provides the navigation by taking the path and a route as parameters, where path is the part of the URL. Route contains two properties template and controller.

9. What does template do?

**Ans:** template is a html view which will get rendered inside the ngView.

10. What is the purpose of controller when routing?

**Ans:** Angular controller main purpose is to passing data to the html view, and is the place where we can write the business logic. In angular routing its purpose is to define which controller is to be used with the HTML template.

11. What is the use of \$routeParams?

**Ans:** \$routeParams service allows you to retrieve the current set of route parameters.

The route parameters are a combination of \$location's search() and path().

\$routeParams are only updated after a route change completes successfully.