Spring Professional Exam Tutorial v5.0

Question 15

Question 15 - What does component-scanning do?

▶ Component Scanning

Process in which Spring is scanning Classpath in search for classes annotated with stereotypes annotations (@Component, @Repository, @Service, @Controller, …) and based on those creates beans definitions.

▶ Simple component scanning within Configuration package and all subpackages

```
@ComponentScan
public class ApplicationConfiguration {
}
```

▶ Advanced Component Scanning Rules

```
@ComponentScan(
        basePackages = "com.spring.professional.exam.tutorial.module01.question15.advanced.beans",
        includeFilters = @ComponentScan.Filter(type = FilterType.REGEX, pattern = ".*Bean"),
        excludeFilters = @ComponentScan.Filter(type = FilterType.REGEX, pattern = ".*(Controller|Service).*")
)
public class ApplicationConfiguration {
}
```