



Pivotal.

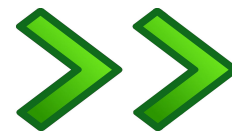
Finishing Up

What's Next

What's Next



- Congratulations, we've finished the course
- What to do next?
 - Certification
 - Other courses
 - Resources
 - Evaluation
- Check-out optional sections on JMS and JMX



Certification



- Computer-based exam
 - 50 multiple-choice questions
 - 90 minutes
 - Passing score: 76% (38 questions answered successfully)
- Preparation
 - Download *Spring Professional* certification guide
 - There may be slight differences between guide and course
 - Review all the slides
 - Redo the labs

- Sample question
 - Statements
 - a. An application context holds Spring beans
 - b. An application context manages bean scope
 - c. Spring provides many types of application context
 - Pick the correct response:
 - 1. Only a. is correct
 - 2. Both a. and c. are correct
 - 3. All are correct
 - 4. None are correct

Certification: Logistics

Voucher is
valid for 3 months
– *use it or lose it!*

- Where?
 - Online at PSI (Innovative Exams)
 - <https://www.examslocal.com>
- How?
 - When you are ready: buy an exam voucher
 - Register/sign-in and book an exam using the voucher
 - <http://it.psionline.com/exam-faqs/pivotal-faq>
 - Take the test from *any* location
- For more information, email
 - education@pivotal.io

Other courses

- Many courses available
 - Spring Boot Developer
 - Spring Cloud Developer
 - RabbitMQ Training
 - Pivotal Cloud Foundry Developer
 - Pivotal Cloud Foundry Operator
 - Greenplum, Gemfire, ...
- See <https://pivotal.io/training>



Spring Cloud Developer (3 days)



- Course topics:
 - What are Microservices?
 - Architecting a microservices solution
 - Cloud infrastructure services and Netflix OSS
 - Service Configuration
 - Service Registration
 - Load-balancing and fault tolerance
 - Circuit Breakers
 - Distributed Trace
 - Security using OAuth

RabbitMQ Training



- Course topics:
 - Introduction to Messaging, AMQP and RabbitMQ
 - Installing RabbitMQ
 - Developing with RabbitMQ
 - Publishing and consuming messages
 - Routing, exchanges, queues
 - Using Spring AMQP
 - Common messaging patterns
 - Configuration features
 - Clustering, high availability, plugins
 - Performance and Security



Pivotal Cloud Foundry Developer



CLOUDFOUNDRY

- 3 day course covering
 - Application deployment to Cloud Foundry
 - Deployment using *cf* tool or an IDE
 - Using the PCF Application Manager
 - Cloud Foundry Concepts
 - Logging, Continuous Integration, Monitoring
 - Accessing and defining Services
 - Using and customizing Buildpacks
 - Design considerations: “12 Factor”
 - JVM application specifics, using Spring Cloud

Pivotal Cloud Foundry Operator



CLOUDFOUNDRY

- 4 day course covering
 - Application deployment to Cloud Foundry
 - Logging, scaling, services
 - “Day 1 Operations”
 - Installation of PCF Ops Manager and Elastic Runtime
 - Configuring users, roles, and quotas
 - Capturing and reading logs
 - “Day 2 Operations”
 - Backing up and restoring an installation
 - Using BOSH
 - Upgrading Ops Manager and tiles.

- Premium and Developer support offerings:
 - <http://www.pivotal.io/support/offerings>
 - <http://www.pivotal.io/support/oss>
 - Both Pivotal App Suite *and* Open Source products
- Support Portal: <https://support.pivotal.io>
 - Community forums, Knowledge Base, Product documents



Pivotal Consulting

- Custom consulting engagement?
 - Contact us to arrange it
 - <http://www.pivotal.io/contact/spring-support>
 - Even if you don't have a support contract!
- Pivotal Labs
 - Agile development experts
 - Mentoring: design, development and product management
 - <http://www.pivotal.io/agile>
 - <http://pivotalabs.com>



- The Spring reference documentation
 - <http://spring.io/docs>
 - <http://projects.spring.io/spring-boot>
 - <http://projects.spring.io/spring-data>
 - <http://projects.spring.io/spring-security>
 - <http://projects.spring.io/spring-cloud>
- The official technical blog
 - <http://spring.io/blog>
- Stack Overflow – Active Spring Forums
 - <http://stackoverflow.com>

Resources (2)



- You can register issues on our Jira repository
 - <https://jira.spring.io>
- The source code is available here
 - <https://github.com/spring-projects/spring-framework>

Thank You!



- We hope you enjoyed the course
- Your course is registered with the Pivotal Academy
 - Please fill out the *evaluation form*
 - Once you've done, login to *Pivotal Academy*
 - You can download your Attendance Certificate

Don't forget the optional sections