Spring Professional Certification

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Certification Important Timeline

Important events for the examinees to know

May 10, 2019

- Pivotal announced that the Spring Professional Exams were available to individual purchase, without the required training.

Dec 10, 2019

- Pivotal was fully acquired by VMWare.

June 30, 2022

- EDU-1202 was retired. The last Spring Certification that has no required training.

June 31, 2022

- 2V0-72.22 was the new exam version and training is required.

Exam Overview

Exam details, price, scoring and requirements

Exam 2V0-72.22 : Spring Professional Develop	
Language English	**Duration** 130 minutes
Number of Questions 60	**Passing Score** 300 (Scaled)
Format Single and Multiple Choice, Proctored	**Price** 250 USD

Passing Score

VMware exams are scaled on a range from 100-500, with the determined raw cut score scaled to a value of 300. Your exam may contain unscored questions in addition to the scored questions, this is a standard testing practice. You will not know which questions are unscored, your exam results will reflect your performance on the scored questions only.

Scoring
How Scaled Scoring Works

"Scaled scoring provides a standard range for test takers and allows direct and fair comparisons of results from one exam form to another, regardless of minor differences between the forms. While each of VMware's determined raw passing scores are scaled to a value of 300, that 300 means something different in the backend for each exam. The scaled score conversion values vary between VMware exams and are calculated based on a mathematical formula that accounts for various factors, the specifics of which cannot be disclosed for **confidentiality reasons**. **The exam contains scored and unscored items.**"

Raw Score

The raw score is the number of points earned on an exam. Your total raw score is equal to the number of points awarded for correct answers out of the total points possible for any given exam.

Scaled Score

The scaled score is the **reported score** on that same exam. Your scaled score is a representation of your raw score that was converted based on a **standardized scale**.

Example

In this example, an exam has a total of 15 items, 10 of which are scored, each worth one raw point.** As a result of **VMware's standard setting process based on the exam content and a number of other factors**, the recommended passing score is 60% (or six out of 10 raw) for this sample exam. The equivalent scaled score of 300 appears in the below sample table.

Scoring

How Scaled Scoring Works

Number of Possible Points 10 raw or 500 scaled	**Passing Score** 6 out of 10 or 300 scaled

Raw Score	Scaled Score	Status
0	100	
1	130	
2	175	
3	205	
4	240	
5	285	
6	300	✓
7	360	✓
8	405	✓
9	450	✓
10	500	✓

Requirements

Requirements to earn the badge and certificate

(Recommended) Gain experience with Application Modernization, VMware Spring, Spring Boot, Spring Framework

(Required) Attend at least ONE of the training courses

(Required) Pass the exam

Exam Topics

Exam topic based on the recently updated exam guide

https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/certification/vmw-spring-professional-develop-exam-guide.pdf

Section 1 – Spring Core

Objective 1.1 Introduction to Spring Framework
Objective 1.2 Java Configuration
Objective 1.3 Properties and Profiles
Objective 1.4 Annotation-Based Configuration and Component Scanning
Objective 1.5 Spring Bean Lifecycle
Objective 1.6 Aspect Oriented Programming

Section 2 – Data Management

Objective 2.1 Introduction to Spring JDBC
Objective 2.2 Transaction Management with Spring
Objective 2.3 Spring Boot and Spring Data for Backing Stores

Section 3 – Spring MVC

Objective 3.1 Web Applications with Spring Boot
Objective 3.2 REST Applications

Section 4 – Testing

Objective 4.1 Testing Spring Applications
Objective 4.2 Advanced Testing with Spring Boot and MockMVC

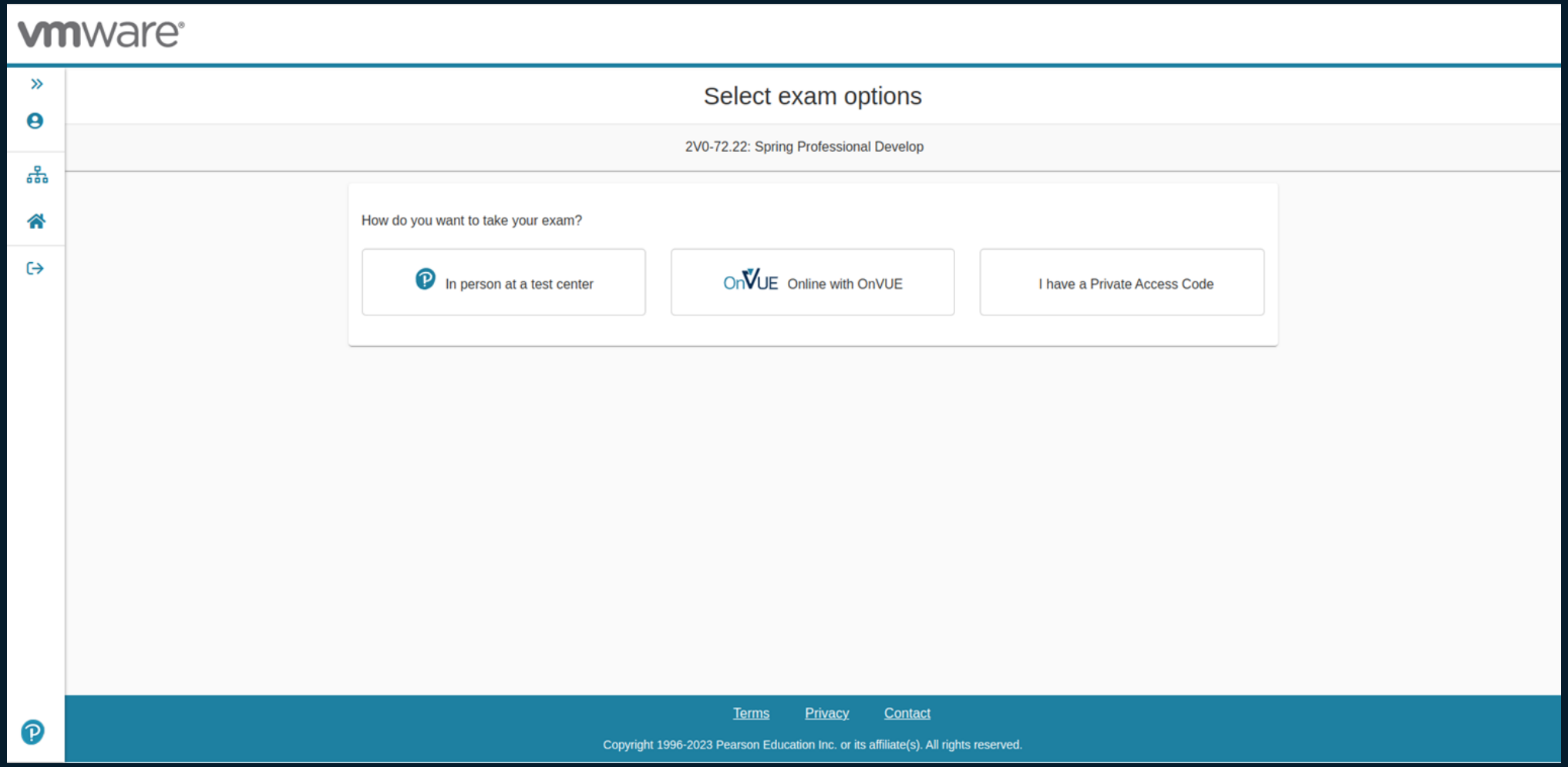
Section 5 – Security

Objective 5.1 Explain basic security concepts
Objective 5.2 Use Spring Security to configure Authentication and Authorization
Objective 5.3 Define Method-level Security

Section 6 – Spring Boot

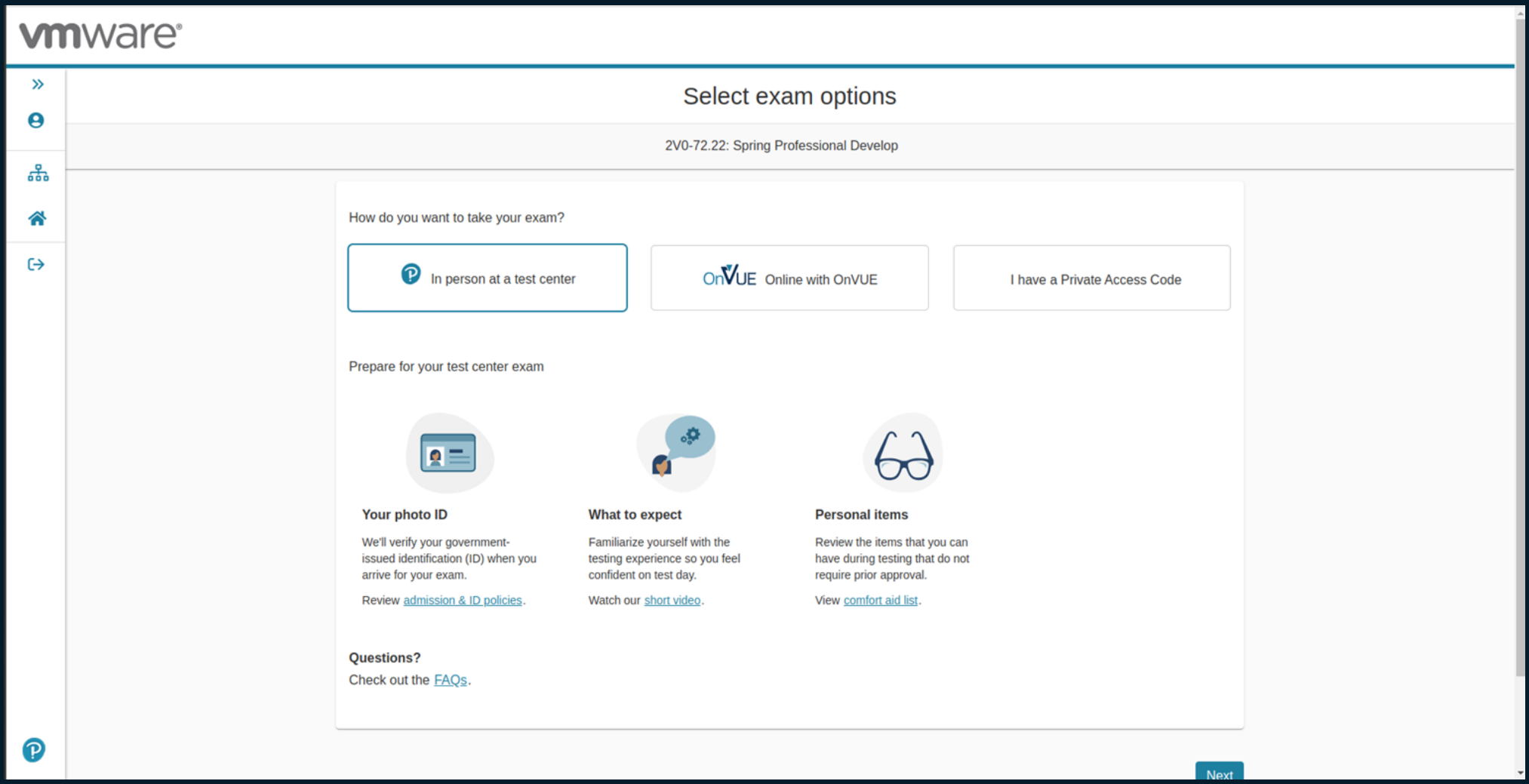
Objective 6.1 Spring Boot Feature Introduction
Objective 6.2 Spring Boot Properties and Autoconfiguration
Objective 6.3 Spring Boot Actuator

Scheduling the Exam
Exam options

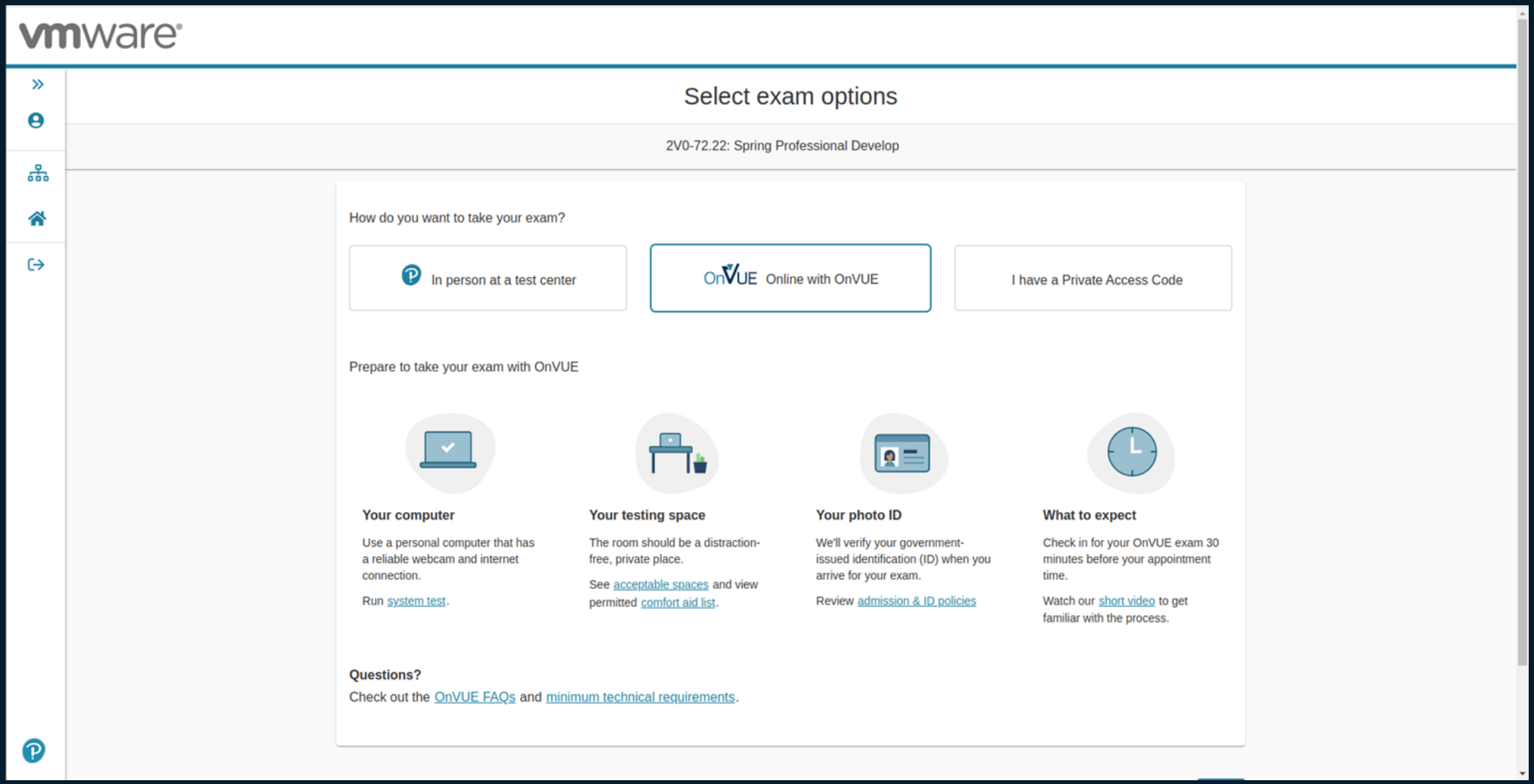


Scheduling the Exam

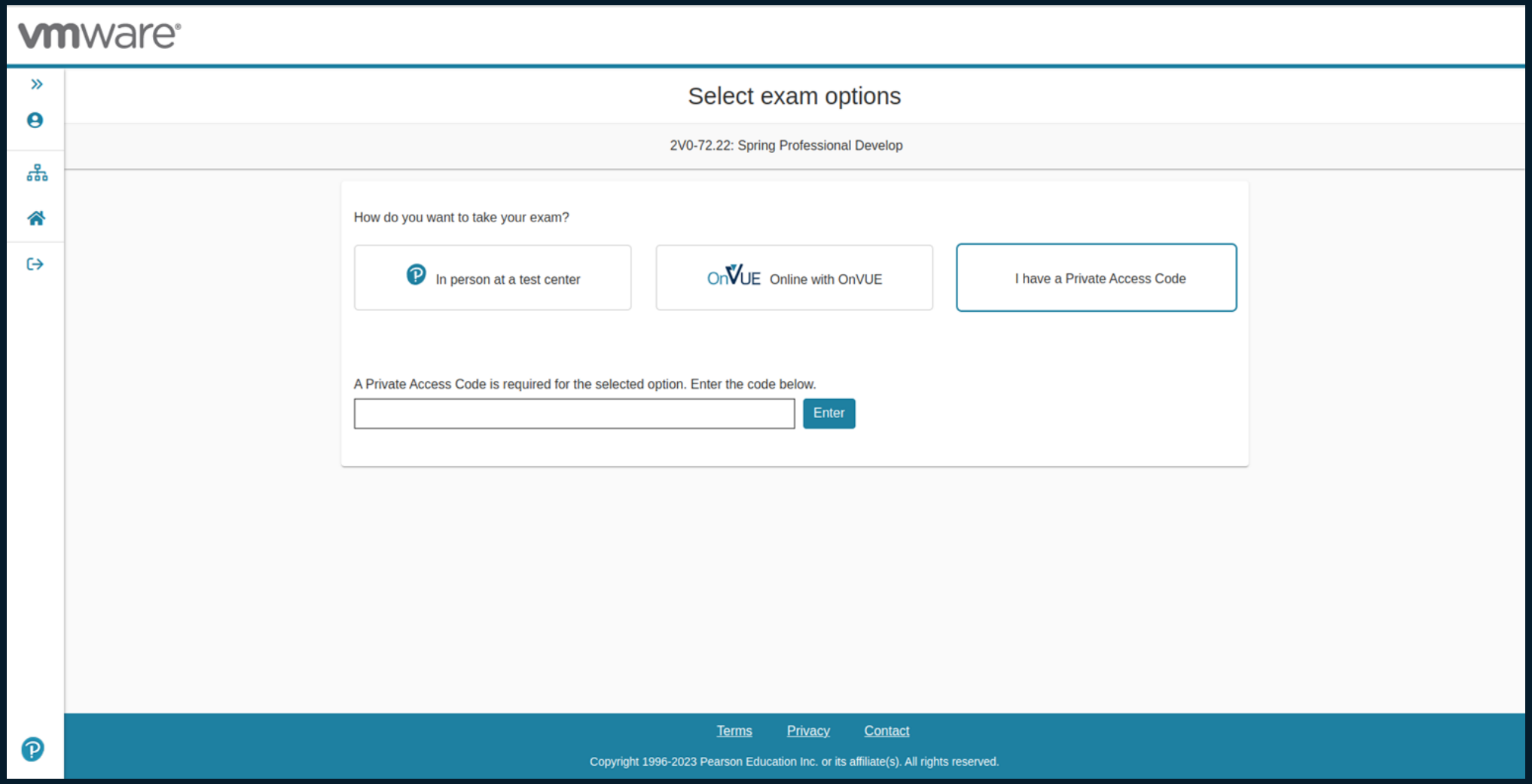
In Person at Test Centers



Scheduling the Exam
Online



Scheduling the Exam
Private Access Code



Online Examination Preparation

Activities before taking the exam

Find a quiet, disruption-free, well-lit space. Please be aware that background light or the sun rising/setting could create visibility issues for the proctor.

You will be required to take four photos of your testing space during the check-in. We recommend using a mobile device.

You can use one monitor.

Your desk should be clear.

Download required softwares and test your system.

Exam Check-in Process

Check-in process on the day of the exam

Log in to https://home.pearsonvue.com/Vmware

Follow on-screen prompts to complete the check-in process.

Always to keep in mind

Login to your account 30 minutes early to start check-in process and to allow for any trouble shooting.

If you are more than 15 minutes late after your scheduled exam time, you will be unable to begin your exam and you are unlikely to receive a refund.

You may not access unauthorized materials. I.e. mobiles devices, watches and anything not allowed by test sponsor.

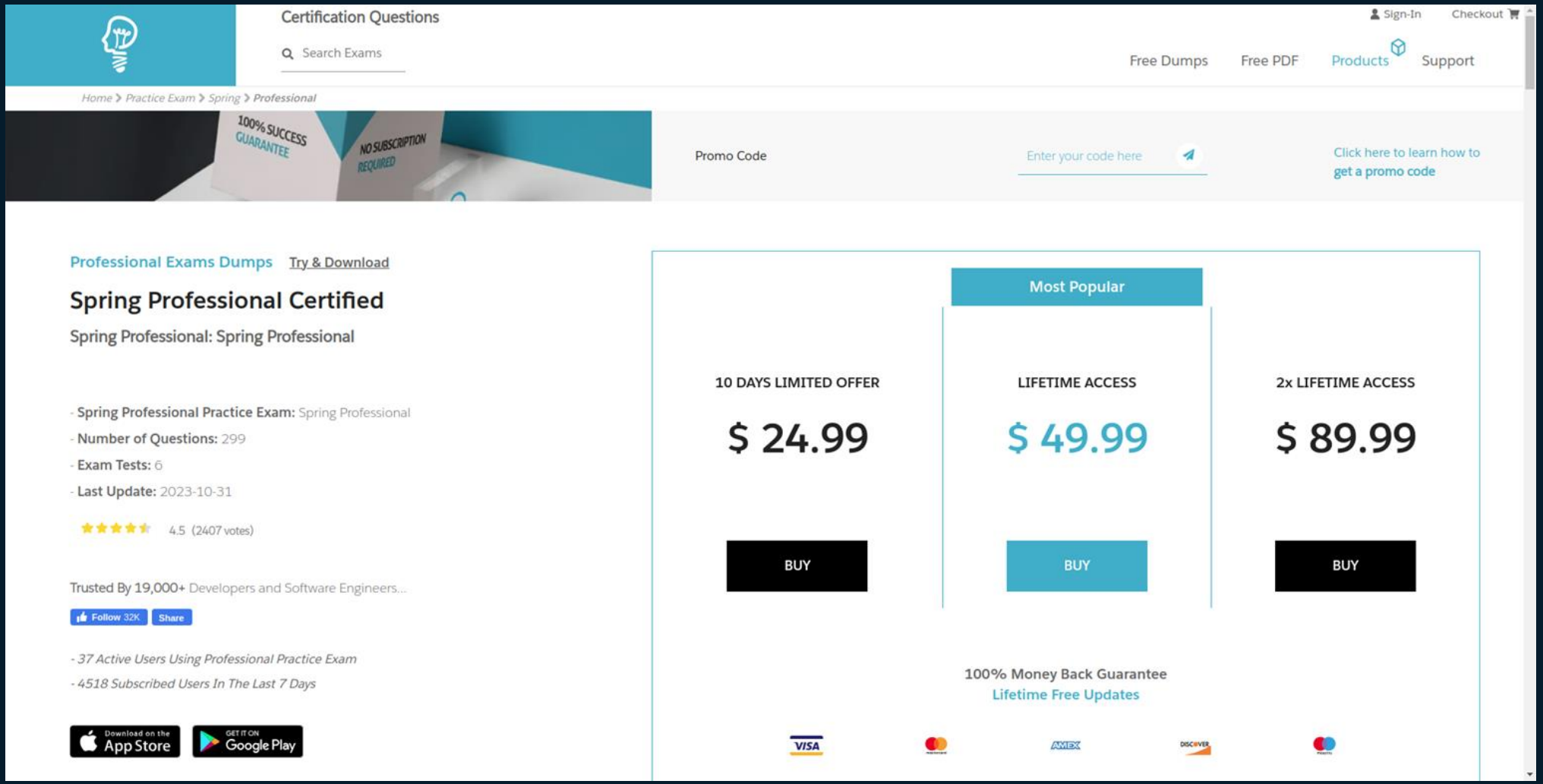
No speaking aloud during the exam and eyes should only by focused on the screen.

No one else should appear through the webcam during the exam and no one else's voice should be heard.

Review Materials

Books and questions bank

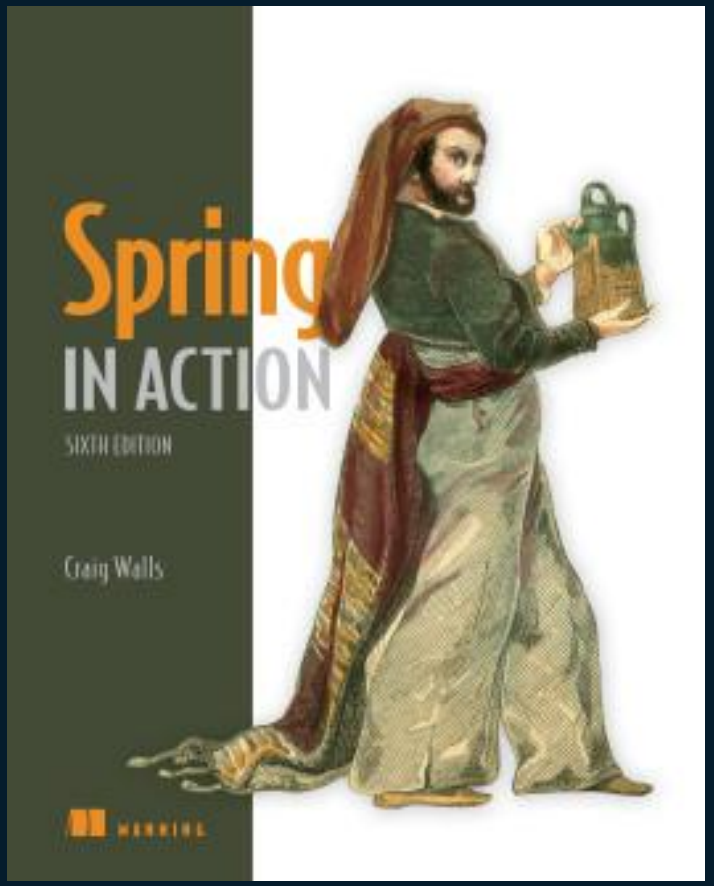
https://www.certification-questions.com/practice-exam/spring/professional



Review Materials

Books and questions bank

https://docs.spring.io/spring-framework/reference/index.html



Tips

Tips from personal experience

Book your exam ahead of time. The deadline will give you additional motivation! hehe

During the exam, always bookmark the item that you are unsure of. Bookmarked items are easy to review.

File a leave a day before taking the exam because an ample amount of rest is important.

Avoid having second thoughts, confidence and a clear mind are the keys to passing the exam.

References

https://springtutorials.com/spring-framework-history/

https://www.vmware.com/learning/certification/spring-pro-develop-exam.html

https://blogs.vmware.com/learning/2022/01/06/vmware-certification-insights-how-scaled-scoring-works/

https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/certification/vmw-spring-certified-professional.pdf

https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/certification/vmw-spring-professional-develop-exam-guide.pdf

https://news.vmware.com/releases/vmware-completes-acquisition-of-pivotal

https://spring.io/blog/2017/05/10/pivotal-announces-spring-curriculum-certification-changes

https://docs.spring.io/spring-framework/reference/index.html

https://www.certification-questions.com/practice-exam/spring/professional

Thank you.

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