IT ACADEMY

January 2019

VMware IT Academy Program – Optimize and Scale (O&S) Reinstated

Executive Summary:

VMware is committed to Education and supporting our academic community through our VMware IT Academy program. By listening to our community, we ensure that together we develop an academic program that aligns to your students' educational needs.

Goals of the VMware IT Academy:

To better serve the academic community and allow students to gain a broader understanding of how VMware solutions are used to solve business challenges. To provide students a foundational knowledge of VMware Technology and Solutions.

Effective October 12, 2018 we reinstated Optimize and Scale (O&S) for IT Academies into the IT Academy curriculum. **We also reinstated the O&S PSE discounted vouchers.**

To help students on their learning journey we recommend these courses:

- **Introduction to Virtualization, Solutions 1**
- **IT Solutions for Digital Businesses, Solutions 2**
- **Software Defined IT Using VMware, Solutions 3**
- **VMware vSphere: Optimize and Scale**

Introduction to Virtualization, Solutions 1

Learners that have no experience with virtualization can start off with Introduction to Virtualization, Solutions 1.

This is a free 8-hour micro-course developed in partnership with the Network Development Group (NDG). This Introduction to Virtualization course is designed to help academic institutions teach basic virtualization computing concepts to learners. This course may be delivered as instructor-led training or independent study. It is available to anyone. After completing this course learners are qualified to obtain the "Introduction to Virtualization" badge.

IT Solutions for Digital Businesses, Solutions 2

Next in the learning journey is to take IT Solutions for Digital Businesses, Solutions 2.
This is a 40-hour entry-level course designed for MIS, CS and IT students and traces the emergence of virtualization, the modern virtual data center and digital workspaces. A case study (20 hours of supplementary material) is included to prepare students for the VMware Certified Associate – Digital Business Transformation (VCA- DBT).

After completing this course, instructors can order a voucher for their students through the Kivuto webstore. Students can then test for the VCA-DBT certification (1VO-701). Select the correct IT Academy exam on the Pearson-Vue exam registration page.

Software Defined IT Using VMware, Solutions 3 – v6.5

For students who want to deep dive into the vSphere product we offer Software Defined IT Using VMware, Solutions 3. This is an Academic version of ICM with assessments.

In this 40-hour skill-based course, learners will gain an understanding of vSphere: Install, Configure, & Manage. We offer 20 hours of optional materials on vRealize, vSAN, and NSX content. This course prepares students for the vSphere Foundations Exam and is a skill-based course with hands-on labs.

VMware vSphere: Optimize and Scale v6.5

For students who are ready to take their understanding of vSphere to a deeper level and learn how to use advanced features and controls.

This course is designed for experienced VMware vSphere® users. It teaches advanced skills for configuring and maintaining a highly available and scalable virtual infrastructure. Through a mix of lecture and hands-on labs, you will configure and optimize the vSphere features that build a foundation for a truly scalable infrastructure and discuss when and where these features have the greatest effect.

These new courses do not need to be taken in sequence and there are no pre-requisites.

Becoming VCP6-DCV Certified

How can I become VCP-DCV certified?

To receive your VCP-DCV certification from a VMware IT Academy follow these steps.

Step 1) Take one or both courses: vSphere: Install, Configure, Manage and vSphere Optimize and Scale course. Both courses are highly recommended.

Step 2) Pass both the vSphere Foundations exam and the Data Center Virtualization exam available at Pearson. The academic exam PSE voucher will be provided to the student by the IT Academy instructor after completing the Optimize and Scale course. Please make sure the student uses the correct PSE voucher at Pearson as outlined below.

vSphere Foundations exam   **Data Center Virtualization**

IMPORTANT: VMware will NOT certify a candidate if:
A student who attended and took the Optimize and Scale course at an Academy and **did not use** the corresponding PSE exam voucher.

Eligibility

The IT Academy courses are available to secondary, post-secondary academic institutions
and other non-profits who are offering VMware courses in a degreed or diploma program.

Can courses be offered through continuing education or workforce development?
IT Academy courses can be offered through continuing education or workforce development.
However, the **Software Defined IT Using VMware, Solutions 3** course may not be taught in less
than 4 weeks and may not be offered in a Boot-Camp or Seminar-type format. **Introduction to
Virtualization, Solutions 1** and **IT Solutions for Digital Businesses Solutions, 2** courses may be
taught in fewer than 4 weeks and in a Boot-Camp or Seminar-type format. Violation of this policy
may result in a termination of your status as an IT Academy.

What about solely online?
Your organization cannot be an IT Academy if it exclusively delivers online courses.

How long does it take to complete the courses?
It is up to the instructor to teach the courses based on their recommendations and our
requirements.

Introduction to Virtualization, Solutions 1 – 8 hours.

IT Solutions for Digital Business, Solutions 2 – 40 hours plus supplemental case studies.

Defined IT Using VMware, Solutions 3 – 60 hours. The first 40 hours are an academic version of
the vSphere: Install, Configure, Manage course.

VMware vSphere: Optimize and Scale v6.5 – 40 hours**.** This course will teach you advanced skills for
configuring and maintaining a highly available and scalable virtual infrastructure.

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What is the cost per course?
Introduction to Virtualization, Solutions 1 is free to anyone through Network Development Group (NDG)

IT Solutions for Digital Business, Solutions 2 and **Defined IT Using VMware, Solutions 3** will be delivered through Kivuto for an annual Departmental cost of $250. This annual fee is for distributing all software licenses, vouchers, e-texts, labs, teaching resources and support.

What is the course format of the new courses?
The beginner's course **Introduction to Virtualization, Solutions 1**– is online offered through Network Development Group (NDG). It is available to any learner.

IT Solutions for Digital Business, Solutions 2 and Software-Defined IT Using VMware, Solutions 3 are PowerPoint-based courses like the commercial vSphere: ICM and O&S courses. Both are available to any approved VMware IT Academy.

Can an IT Academy offer a vSphere course not developed by VMware?
Yes, an IT Academy can offer their own customized courses utilizing third party books, your labs or other resources but cannot be promoted using the VMware IT Academy Logo.

Can a student attend VMware's Commercial Training for vSphere: ICM and O&S?
Yes, students can order the On-Demand Training course for vSphere: ICM and O&S through MyLearn or attend a class at a VMware Authorized Training Center.

Will students receive a discount for the Commercial Training for vSphere: ICM and O&S?
IT Academy students do not receive a discount on VMware commercial training courses.

Will a student receive "course attendance" credit?
To receive course attendance credit from VMware, take at least one course (ICM or O&S) + pass one exam + using PSE exam voucher at Pearson.

Will an IT Academy course appear in MyLearn or Certification Manager?
No, the IT Academy courses do not appear in MyLearn or Certification Manager.

Kivuto Webstore

Will our IT Academy subscription expire with Kivuto?
Subscriptions expire within one year. Be sure to renew your subscription with Kivuto.

What resources will be available through Kivuto?

Resources currently available	Resources available in 2018
Software Licenses: Fusion Workstation Pro 15 Workstation Player	Same offering – updated as needed
vCenter Server Standard VMware Study Material Discount VCA Data Center Virtualization Labs vSphere Standard and Enterprise Plus	
e-texts for Cloud Foundations, DCV Fundamentals and Workforce Mobility Fundamentals	Same offering
Discount certification vouchers for VCA and VCP	Discount certification vouchers for the new VCA-DBT (Digital Business Transformation) and the vSphere Foundations exam only. **Note**: the individual VCA exams (i.e. VCA-DCV, etc.) retired December 31, 2017.
vSphere: ICM and O&S labs powered by NDG	Yes
Academic courses	Yes

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NDG Labs and other Labs

Are labs still available?

VCA labs are available through NDG.

NDG will continue to offer the vSphere: ICM labs as they are core to the new **Software- Defined IT Using VMware, Solutions 3**. NDG has two lab offerings to support VMware IT Academies: 1) NETLAB+ enables schools to host VMware vSphere ICM and O&S labs. To learn more about NETLAB+ reference the NDG website at https://www.netdevgroup.com. 2) NDG also hosts the vSphere ICM and O&S labs as a service offered to VMware IT Academies. To learn more visit https://ndg.tech/vmware. VMware will still offer the [free Hands on Labs (HOL) www.vmware.com/try-vmware/try-hands-on-](#) labs.html

Will there be new labs for the new courses?

Introduction to Virtualization, Solutions 1–The online course includes 4 labs.

IT Solutions for Digital Business, Solutions 2– No labs are included for this course

Defined IT Using VMware, Solutions 3 – Hands-on labs for the vSphere ICM portion of the course are provided through NDG for academies utilizing the NDG NETLAB+ product or as a hosted lab service offered via NDG at a cost. The 6.5 ICM NDG labs are compatible with the new Solutions 3 course. VMware offers free Hands on labs on various topics. https://labs.hol.vmware.com/HOL/catalogs/catalog/681

Are the labs free or do I have to order all from NDG?

A Lab Setup Guide for Defined IT Using VMware, Solutions 3 is available from NDG. The guide allows IT Academies to setup their own labs using the software and licenses available from the Kivuto webstore. However, there is no support for those wanting to create their own labs. NDG offers support and a lab service for NDG customers using the NETLAB+ product or as a hosted lab service for a fee. To learn more about the labs NDG supports for the VMware IT Academies visit https://ndg.tech/vmware.

Certifications and Vouchers

How do vouchers work and which ones do I need?

Students must ask their instructors for vouchers. They cannot order vouchers themselves. The instructor will order the voucher through the Certification section on their Kivuto webstore. The student will then receive their voucher via email and register with Pearson under VMware IT Academy.

Books and e-texts

Will there be new books available?
Yes. Gilmore Global offers both printed student manual and E-book. The Kivuto webstore also offers e-Books for the new VMware **IT Solutions for Digital Business, Solutions 2**– and **Defined IT Using VMware, Solutions 3**. The e-texts and the printed Student manuals are the same as the Instructor's PPT Slides.

Branding

Can I continue to use the vITA branding?
Yes, you can continue to use the VMware IT Academy logo to teach the new academic courses.

Training and Support

How do I get trained on the new curriculum?
Instructor training options will be communicated via the IT Academy website and upcoming Newsletters. To add yourself or others to the IT Academy Newsletter, email itacademy@vmware.com.

Who do I call for support?
Support questions: itacademy@vmware.com.
Kivuto support: elms-fusion@kivuto.com
NDG support: support@netdevgroup.com
Gilmore Global: vmwareitacademy@gilmore.ca

We strive to keep each of you informed of any changes. Program changes are also posted on our webpage under Existing Academies and Announcements.

For the latest updates please visit our Resource page frequently.

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