

HOL-2497-02-ISM

Understanding IBM Cloud VMware as a Service

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Lab Overview - HOL-2497-02-ISM - Understanding IBM Cloud VMware as a Service

Lab Description

[2]

This Hands-On Lab will take you through configuring and ordering VMware as a Service in both of its consumption models, Single-tenant and Multi-tenant (depending on your requirements), showcasing the Cloud Director interface for networking, as well as demonstrating how a 3-tier web application deployment can be automated via Cloud Director and Terraform and finally walking through backing up and recovering the same application using a partner service.

Lab Guidance

[3]

Welcome! This lab is available for you to repeat as many times as you want. To start somewhere other than the beginning, use the Table of Contents in the upper right-hand corner of the Lab Manual or click on one of the modules below.

- **Module 1 - Introduction to IBM Cloud VMware as a Service and Configuration (15 minutes) (Basic)** Walks you through the IBM Cloud Portal to configure and order your instance; it explains the two consumption models (single-tenant and multi-tenant); and it explains available storage options.
- **Module 2 - Comparison of Network Configuration between NSX-T and Cloud Director (30 minutes) (Basic)** Explains how to create a network segment, deploy a VM using a template and then modify firewall rules to ensure accessibility.
- **Module 3 - Automating a 3-Tier Application deployment on IBM Cloud VMware as a Service (30 minutes) (Basic)** Explains how to use infrastructure as code with Cloud Director; it explains how to leverage IBM solution examples; and it walks you through the configuration of subnetting, firewalling VMs, and public connectivity.
- **Module 4 - Walk Through a Backup Scenario (30 minutes) (Basic)** Explains how to use backup service (e.g., Veeam) to backup 3-tier application as well as show a recover from backup; it walks you through automated backup job configurations and establish frequency for automated backups; and it demonstrates, using IBM Cloud Object Storage, to offload backup for longer term backup storage.

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This lab manual can be downloaded from the Hands-on Labs document site found here:

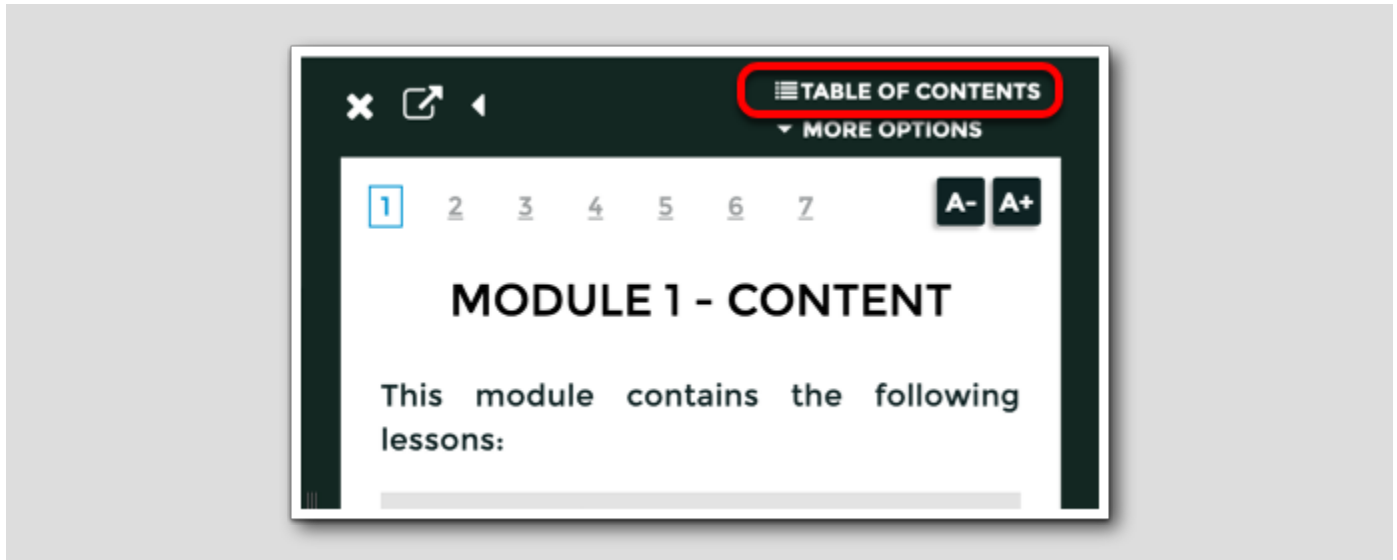
<http://docs.hol.vmware.com>

This lab may be available in other languages. To set your language preference and view a localized manual deployed with your lab, utilize this document to guide you through the process:

<http://docs.hol.vmware.com/announcements/nee-default-language.pdf>

First time using Hands-on Labs?

[4]



Welcome! If this is your first time taking a lab, navigate to the **Appendix** in the Table of Contents to review the interface and features before proceeding.

For returning users, feel free to start your lab by clicking next in the manual.

Module 1 - Introduction to IBM Cloud VMware as a Service & Configuration (15 minutes) Basic

Hands-on Labs Interactive Simulation: Introduction to IBM Cloud VMware as a Service & Configuration

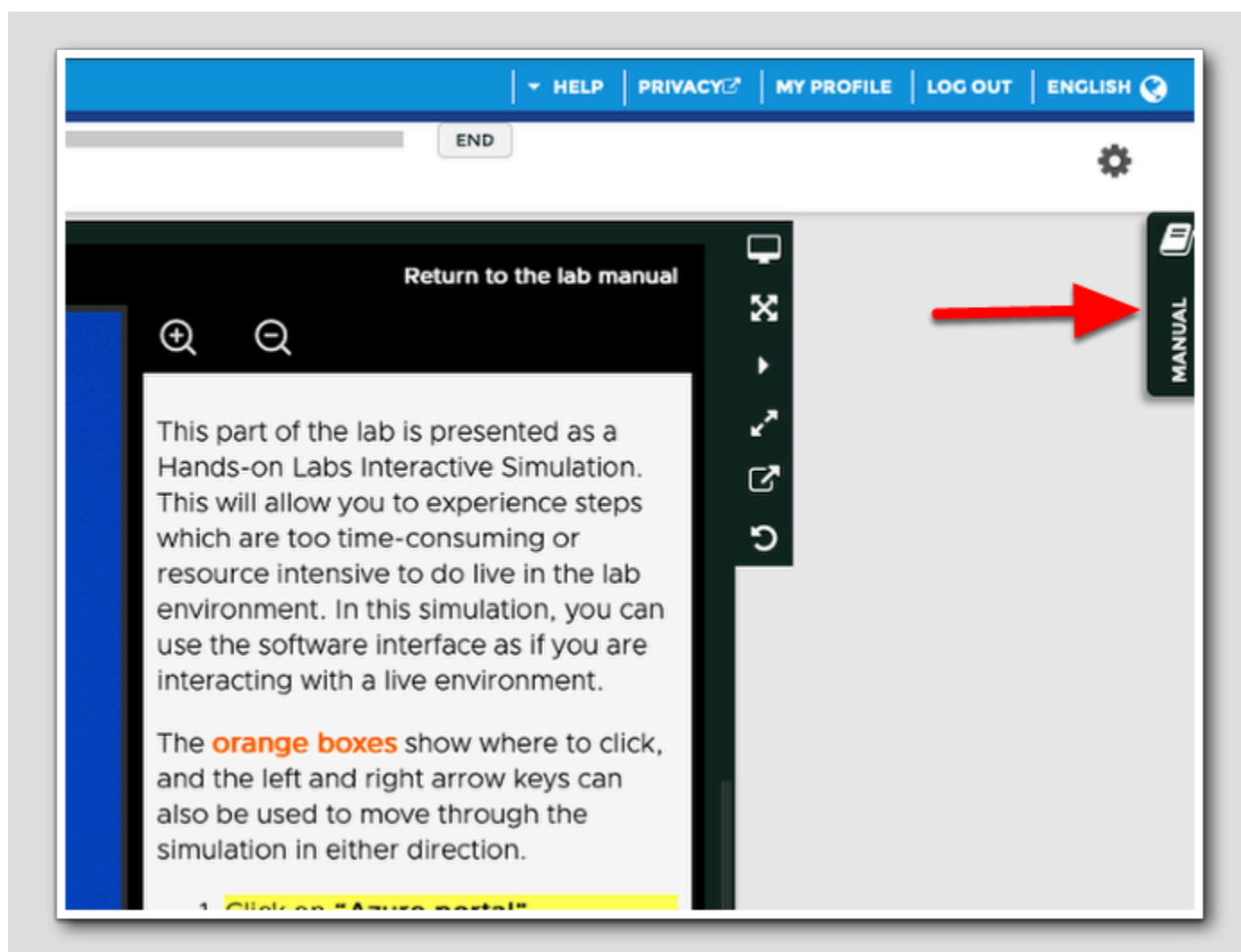
[6]

This part of the lab is presented as a Hands-on Labs Interactive Simulation. This will allow you to experience steps which are too time-consuming or resource intensive to do live in the lab environment. In this simulation, you can use the software interface as if you are interacting with a live environment.

Click the button below to start the simulation!

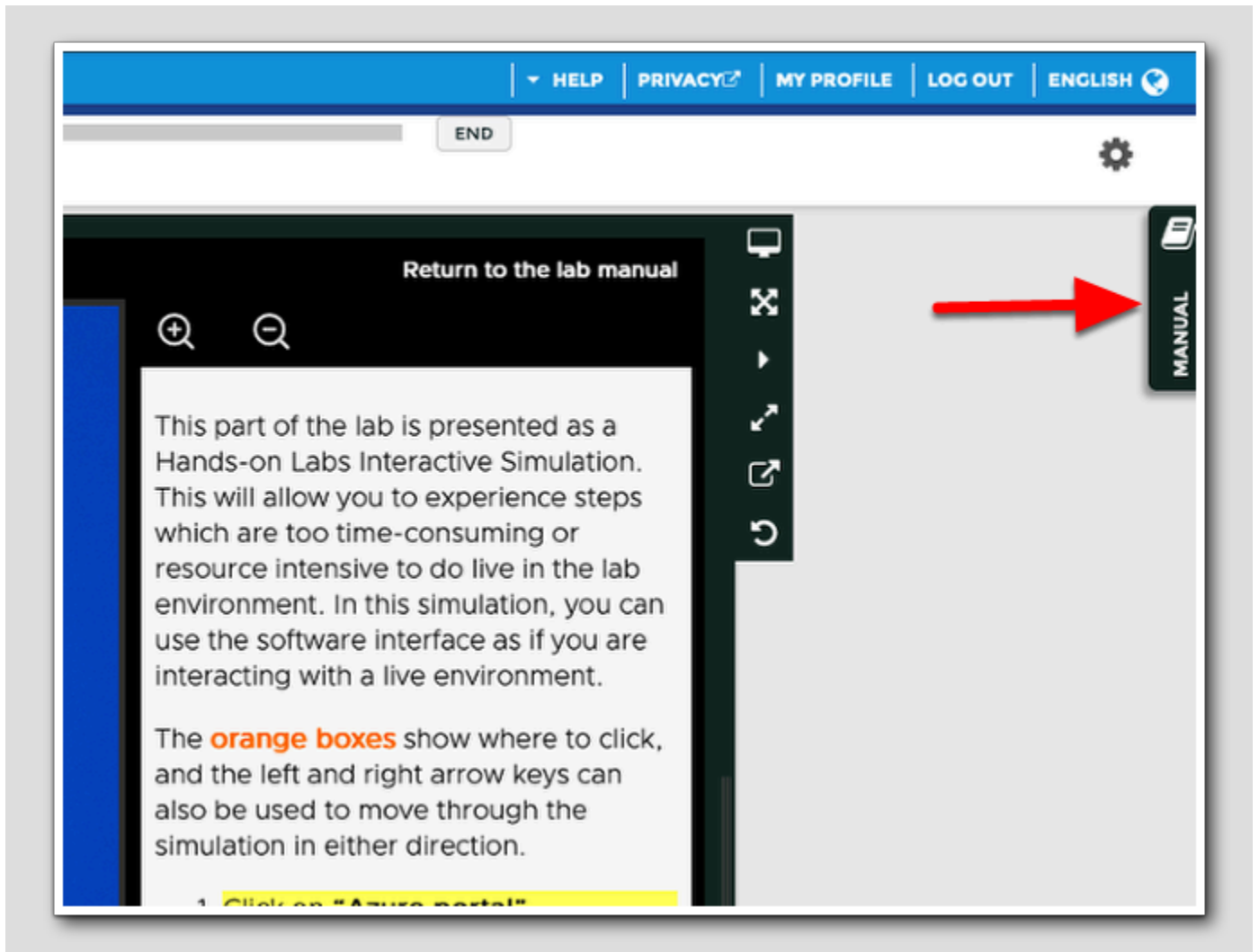
[View the Interactive Simulation](#)

You can hide the manual to use more of the screen for the simulation.



NOTE: When you have completed the simulation, click on the Manual tab to open it and continue with the lab.

[vlp:close-panel|manual|Close Instructions Panel]



Module 2 - Deploy a Network, VM and modify firewall rules for connectivity (30 minutes) Basic

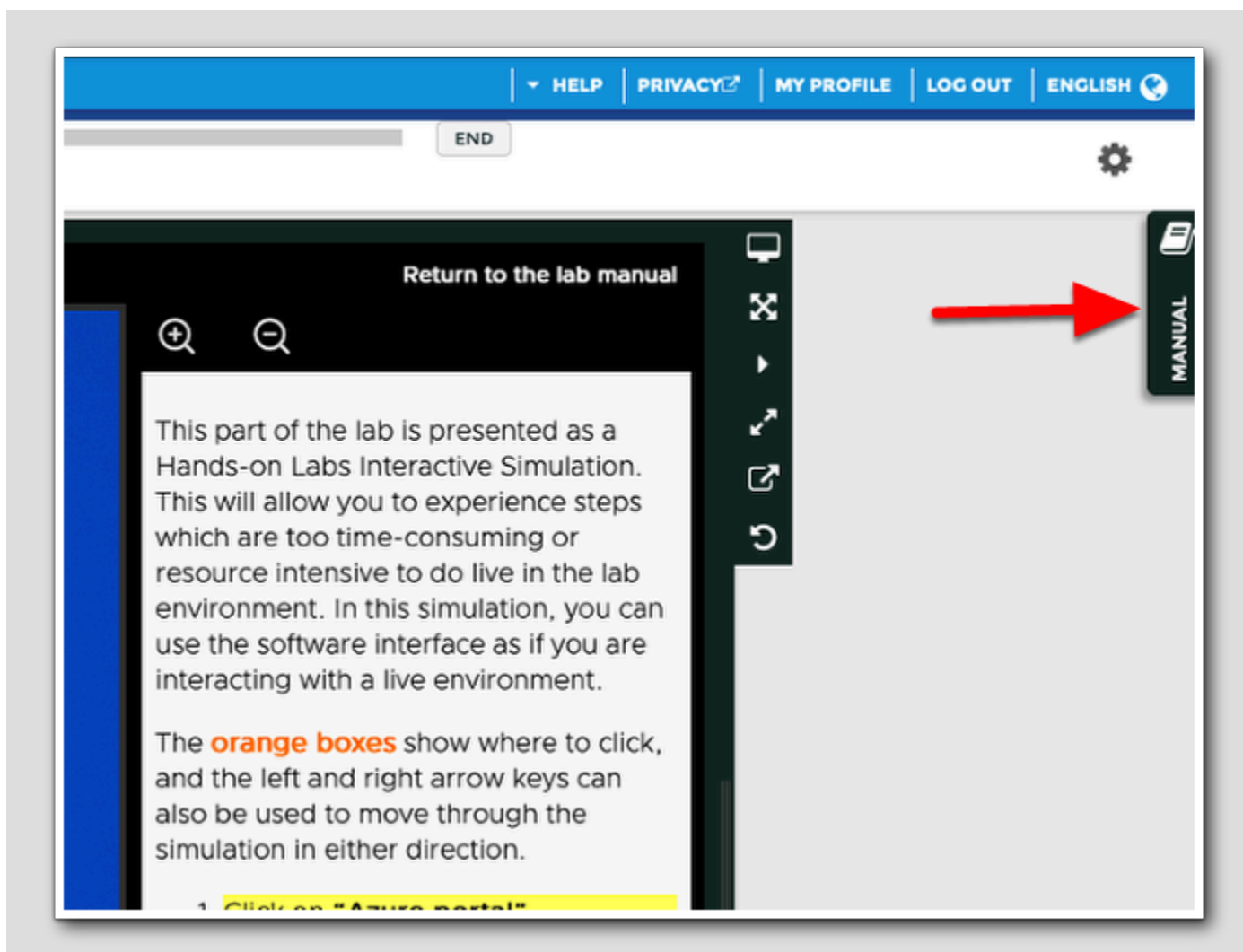
Hands-on Labs Interactive Simulation: Deploy a Network, VM and modify firewall rules for connectivity [8]

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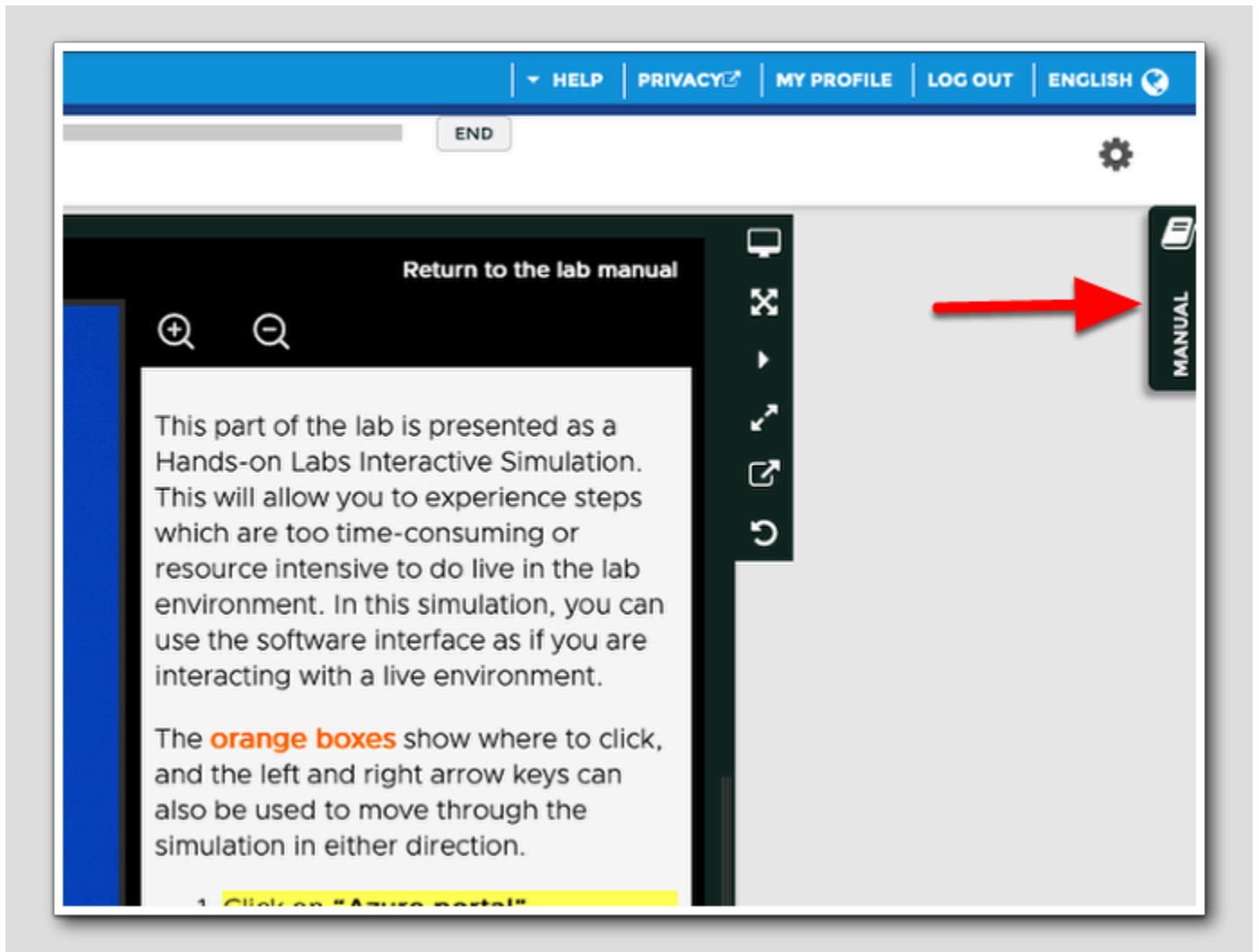
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Module 3 - Automating a 3-Tier Application deployment on IBM Cloud VMware as a Service (30 minutes) Basic

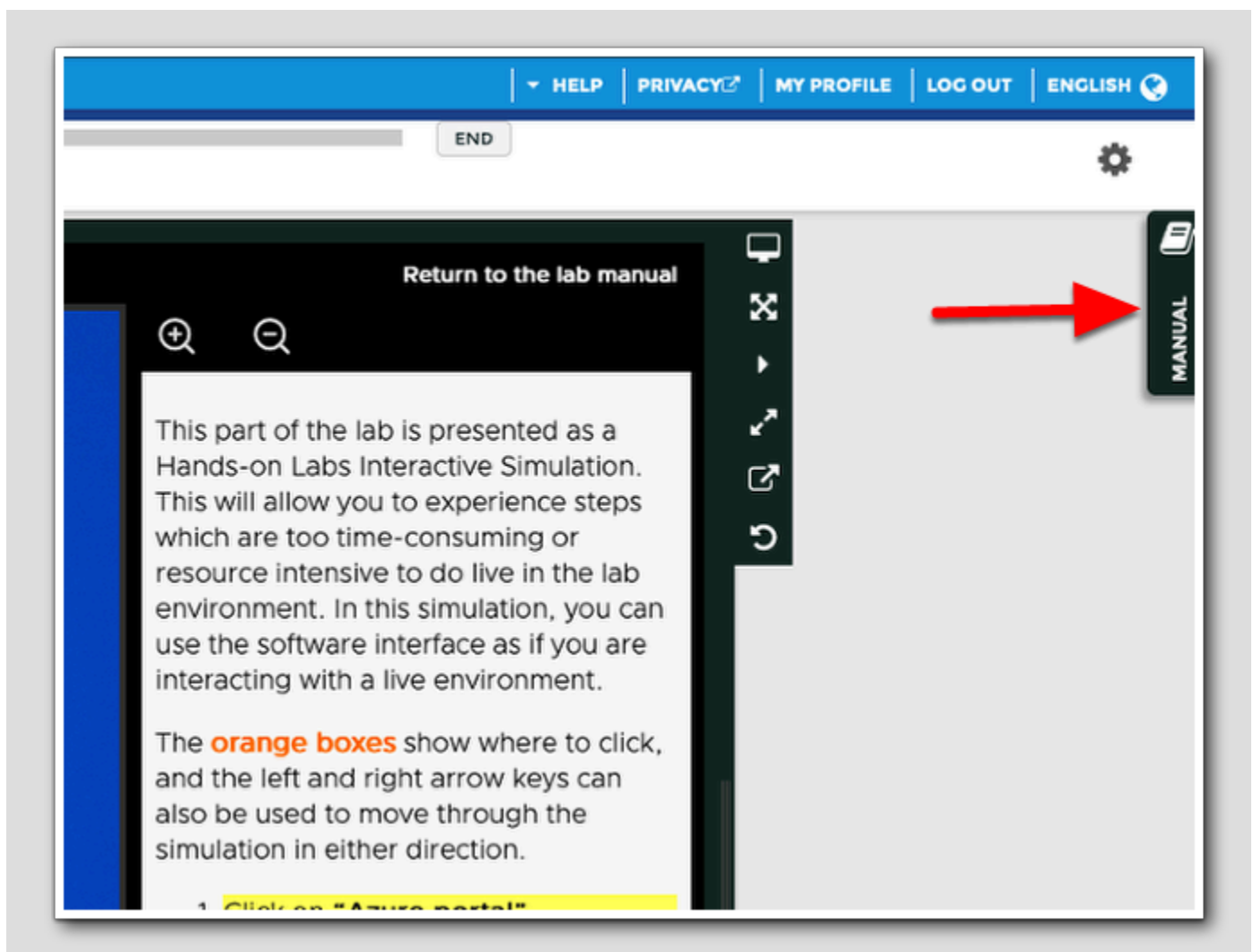
Hands-on Labs Interactive Simulation: Automating a 3-Tier Application deployment on IBM Cloud VMware as a Service ^[10]

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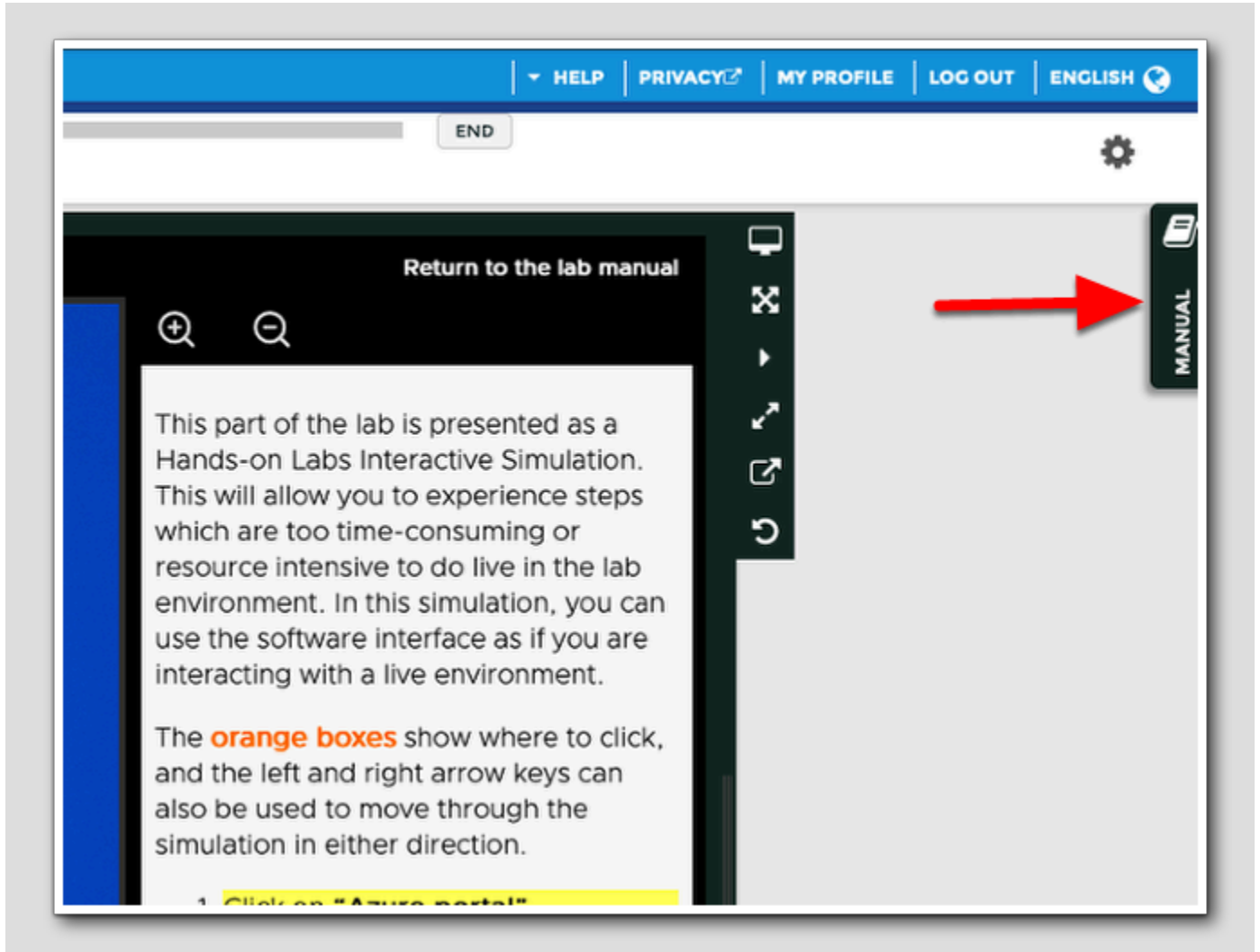
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Module 4 - Walk Through a Backup Scenario (30 minutes) Basic

Hands-on Labs Interactive Simulation: Walk Through a Backup Scenario

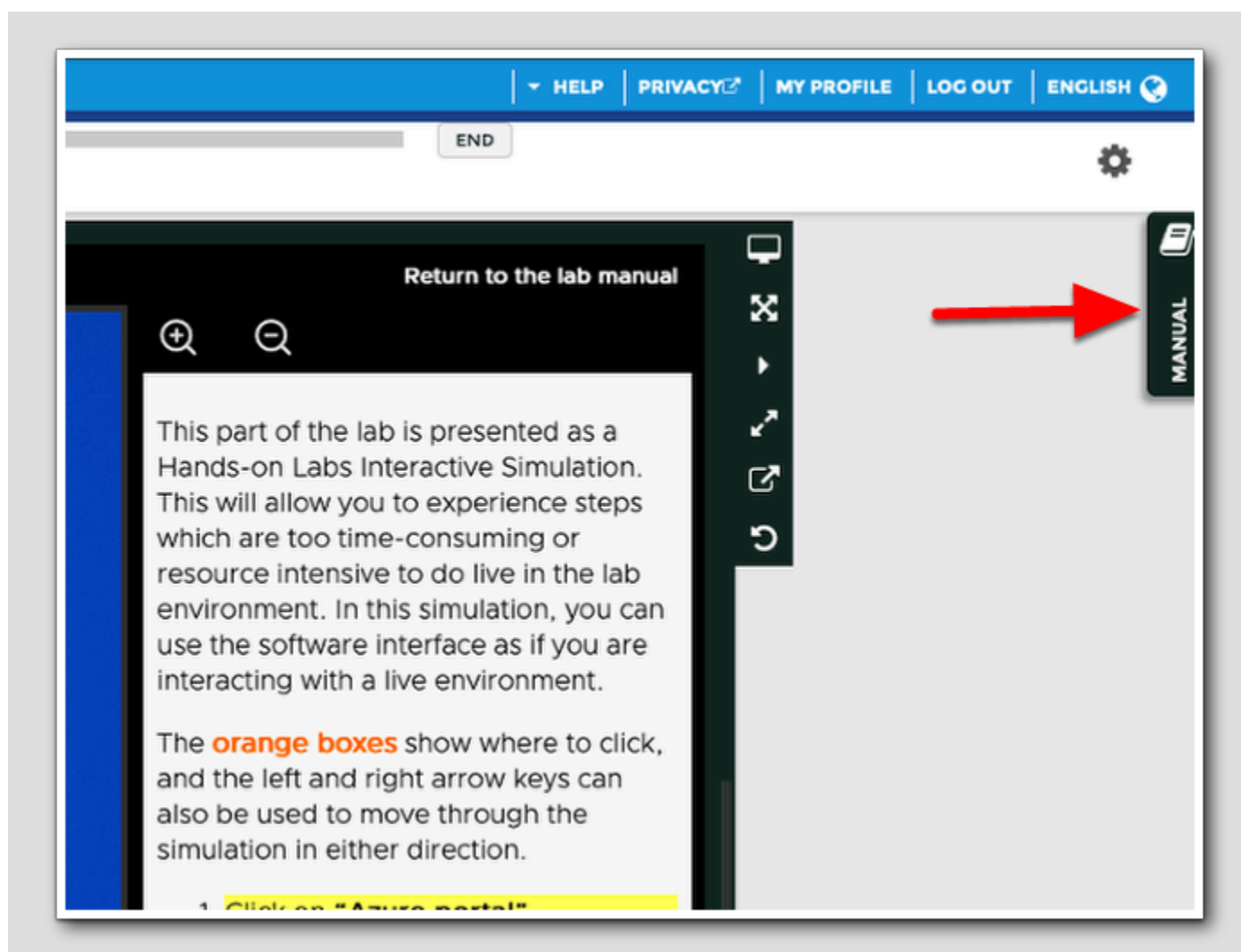
[12]

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[vlp:close-panel|manual|Close Instructions Panel]

