## **2) Lab3-2: Web Application Scanners and Vulnerability Identification and Remediation (50-point)**

- From the lab guide, select Enumeration (we assume you are already logged in)

- When the lab module’s exercise opens, click Start

- Follow instruction and make sure you understand and go through all the provided information.

Lab **Submission**

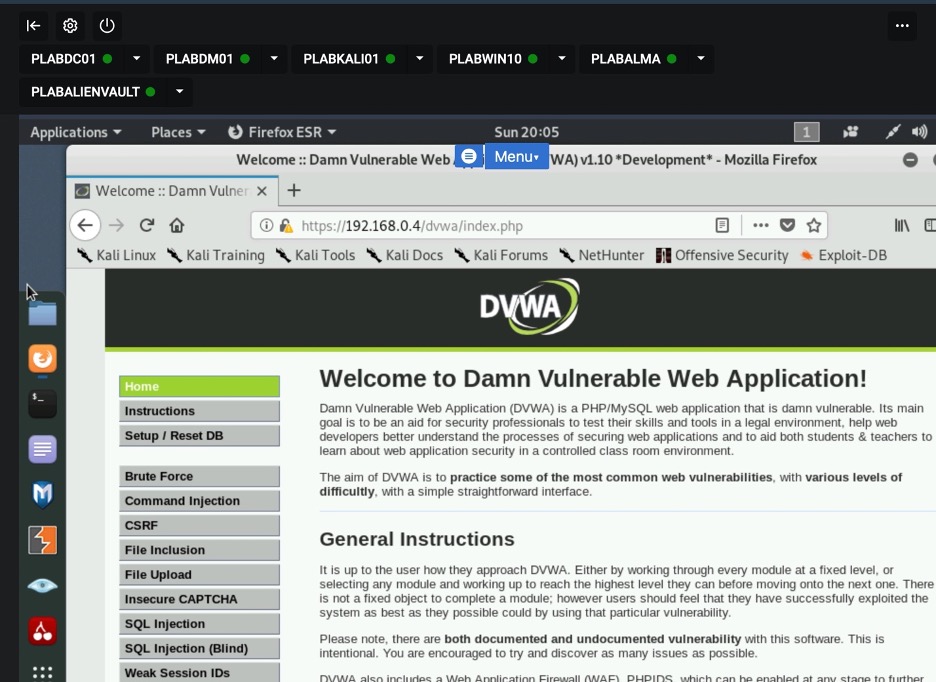
Please make sure to do all the exercises.

**Exercise 1 - Web Application Scanner**

**Task 1 - Verify that the DVWA is running**

#### **Perform the Step 1 - Step 15 Verify that the DVWA is running and copy and paste the screenshots here. Remember to provide a title to each screenshot. Screenshots without title will not be graded.**

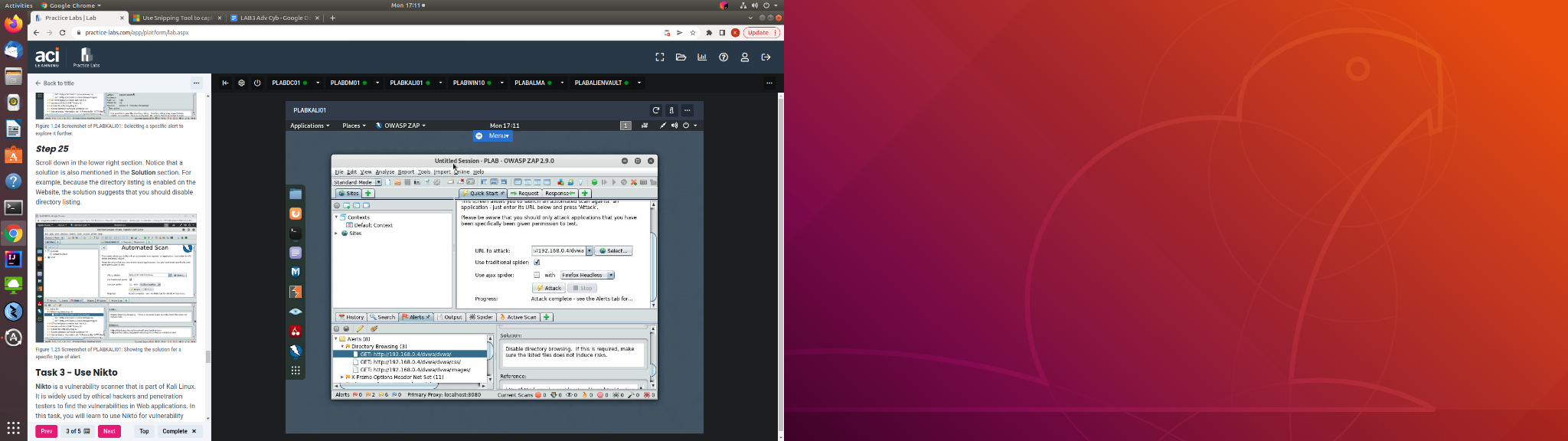
**Verifying that the DVWA is running in both kali and windows**



**Task 2 - Use OWASP Zed Attack Proxy (ZAP)**

#### **Perform the Step 1 - Step 25 Use OWASP Zed Attack Proxy (ZAP) and copy and paste the screenshots here. Remember to provide a title to each screenshot. Screenshots without title will not be graded.**

### **Using ZAP**

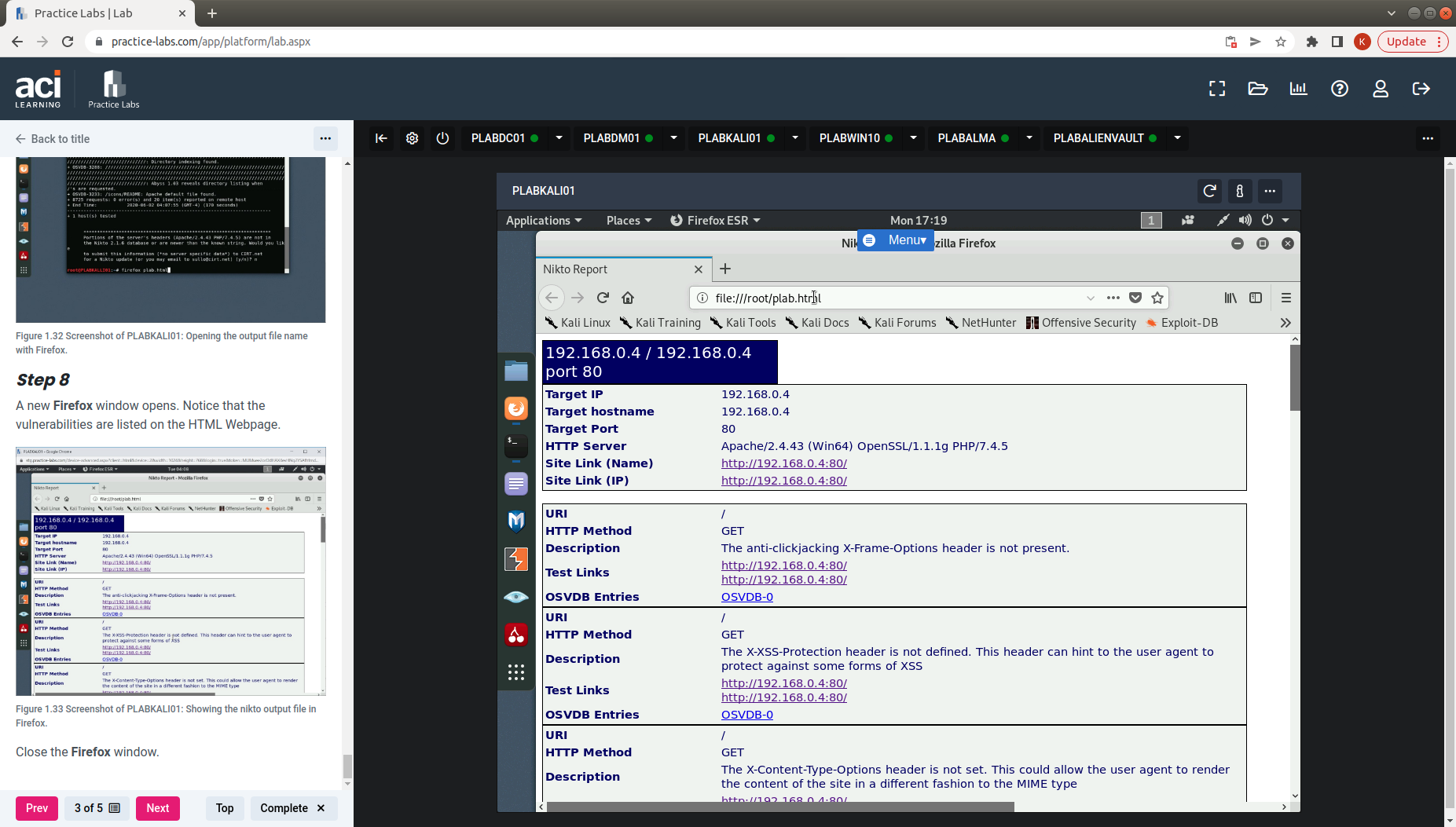


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**Task 3 - Use Nikto**

#### **Perform the Step 1 - Step 8 Use Nikto and copy and paste the screenshots here. Remember to provide a title to each screenshot. Screenshots without title will not be graded.**

Using Nikto



## **Vulnerability Identification and Remediation**

Lab **Submission**

Please make sure to do all the exercises.

- From the lab guide, select Enumeration (we assume you are already logged in)

- When the lab module’s exercise opens, click Start

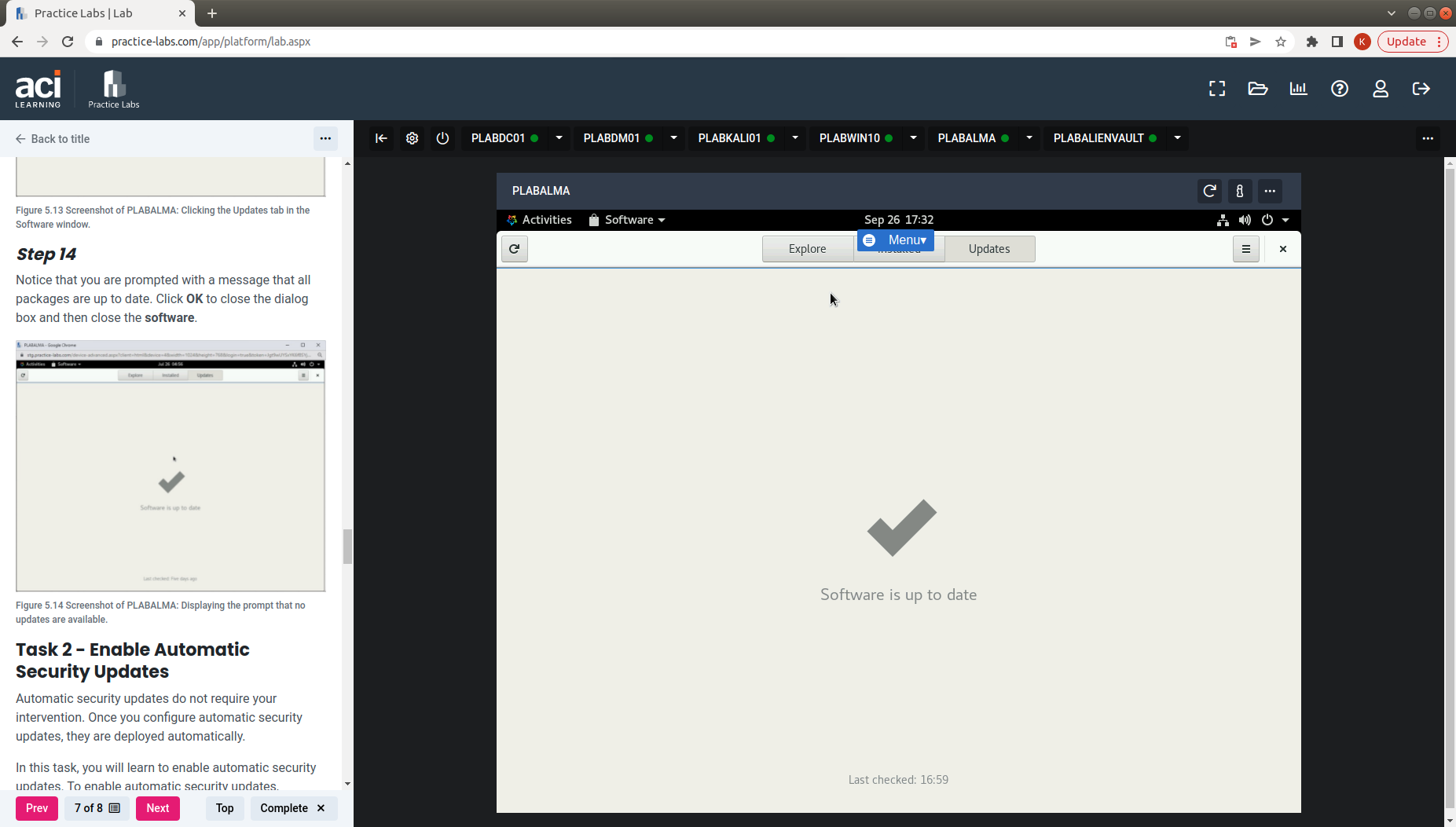
- Follow instruction and make sure you understand and go through all the provided information.

**Exercise 5 - Patching**

**Task 1 - Install Updates Manually**

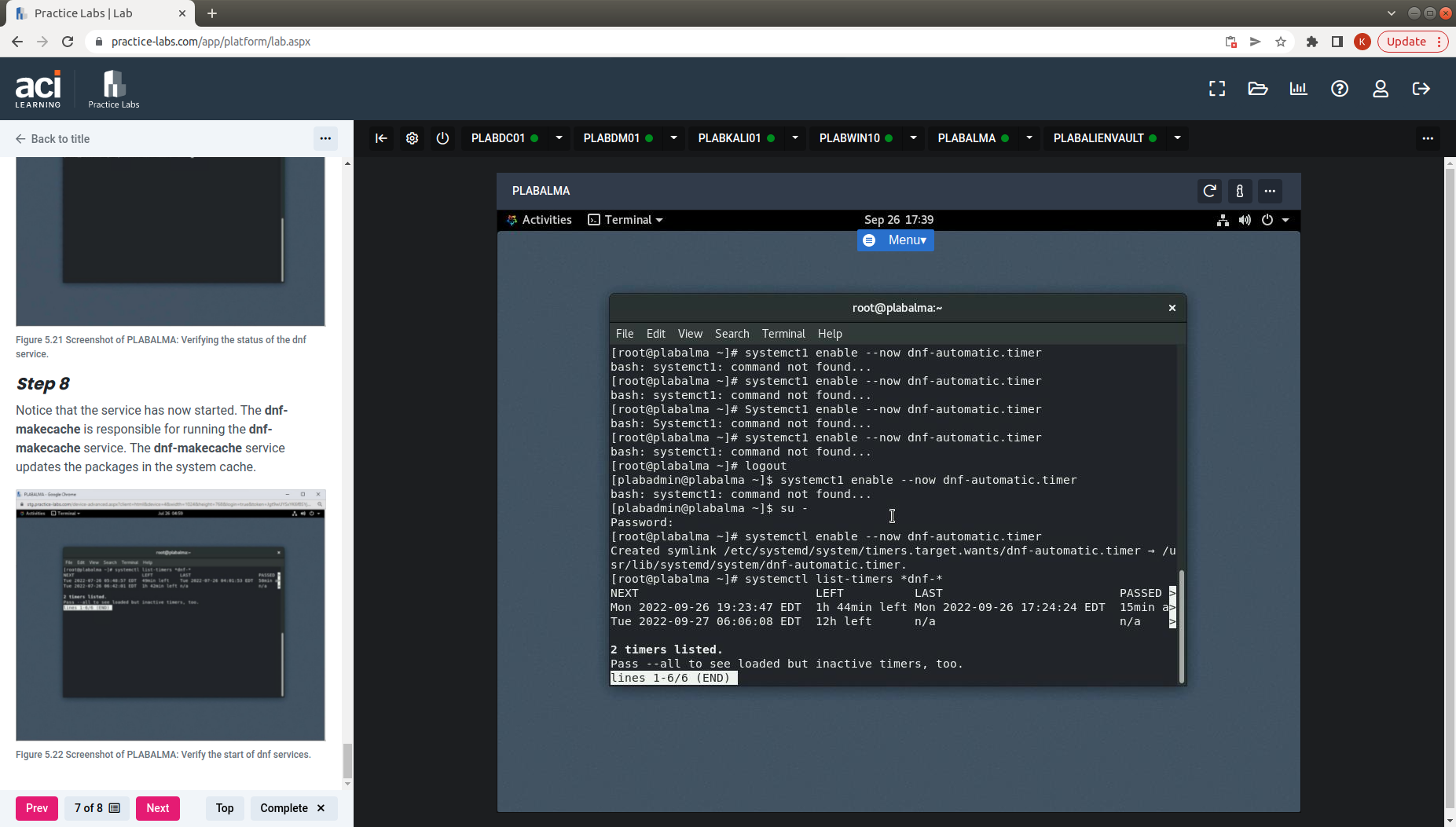
#### **Perform the Step 1 - Step 16 Install Updates Manually and copy and paste the screenshots here. Remember to provide a title to each screenshot. Screenshots without title will not be graded.**

Updates Manually



**Task 2 - Enable Automatic Security Updates**

#### **Perform the Step 1 - Step 8 Enable Automatic Security Updates and copy and paste the screenshots here. Remember to provide a title to each screenshot. Screenshots without title will not be graded.**



**Save both Web Application Scanners and Vulnerability Identification and Remediation in one file:**

· Save the report as a docx file (first name and last name: ex. Awad\_Mussa2.docx)

· Keep this file as you will upload it when you take the lab3’s quiz.