

Installing the Monitoring Software

Simple Network Management Protocol (SNMP) is a network protocol for managing devices on a TCP/IP network. Devices that support SNMP include servers, workstations, routers, switches, printers and much more. SNMP is often used in network management systems to monitor network-attached devices for conditions that call for administrative attention-for example the administrator can be alerted if the router fails or be alerted when disk space on a server is running out.

SNMP-managed devices also referred to as “agents” that listen on UDP port 161 for SNMP requests. Responses to these requests are then forwarded to an SNMP management station that runs proprietary software for interpreting the data received from agents.

In this series of exercises, you will install a network monitoring program (The Dude) and use it to query an SNMP service that you will install and configure on your server.

To get a better understanding of this technology, please refer to your course material or use your preferred search engine to research this topic in more detail.

Learning Outcomes

After completing this exercise, you will be able to:

- Install the Monitoring Software (The Dude-Server)

Your Devices

You will be using the following devices in this lab. Please make sure these are powered on before proceeding.

- **PLABWIN10** (Workstation - Windows 10)



To install the server monitoring software, follow these steps:

Step 1

Ensure you have powered on the required devices.

Connect to **PLABWIN10**.

Open **Internet Explorer** from the taskbar.

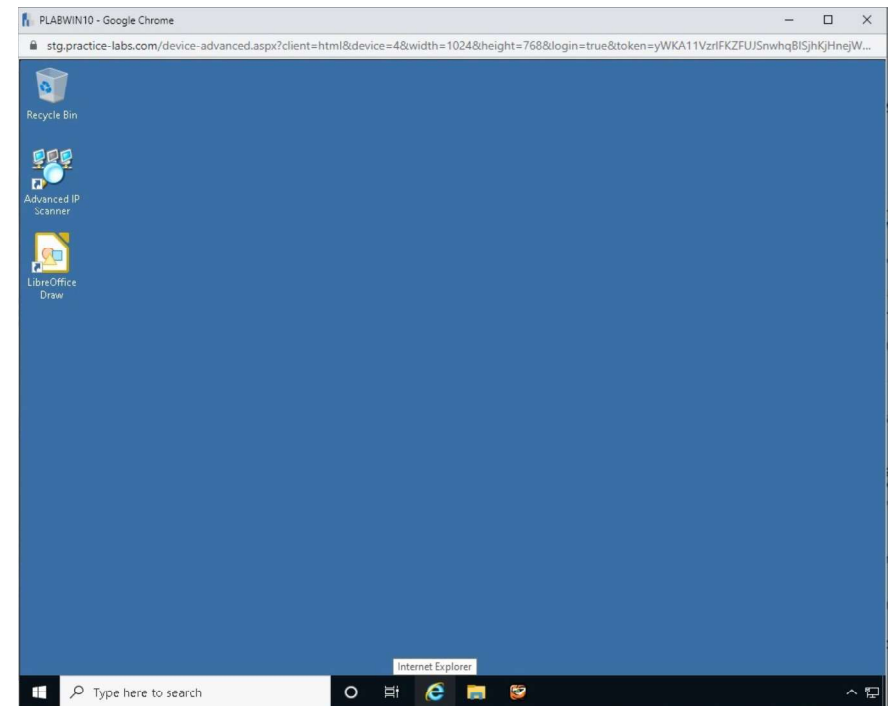


Figure 1.1 Screenshot of the PLABWIN10 desktop: File Explorer icon on the taskbar is highlighted.

Step 2

On the **Tools and resources** webpage, select **Tools**.

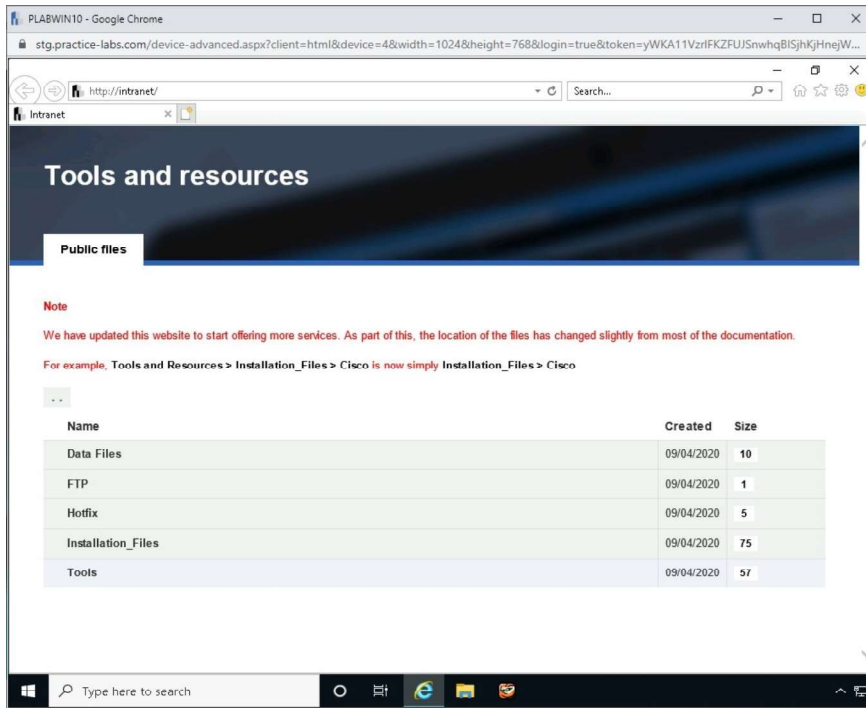


Figure 1.2 Screenshot of the PLABWIN10 desktop: Required folder is selected on the Tools and resources webpage.

Step 3

On the **.. > Tools** webpage, scroll down to locate and click **The dude** tool.

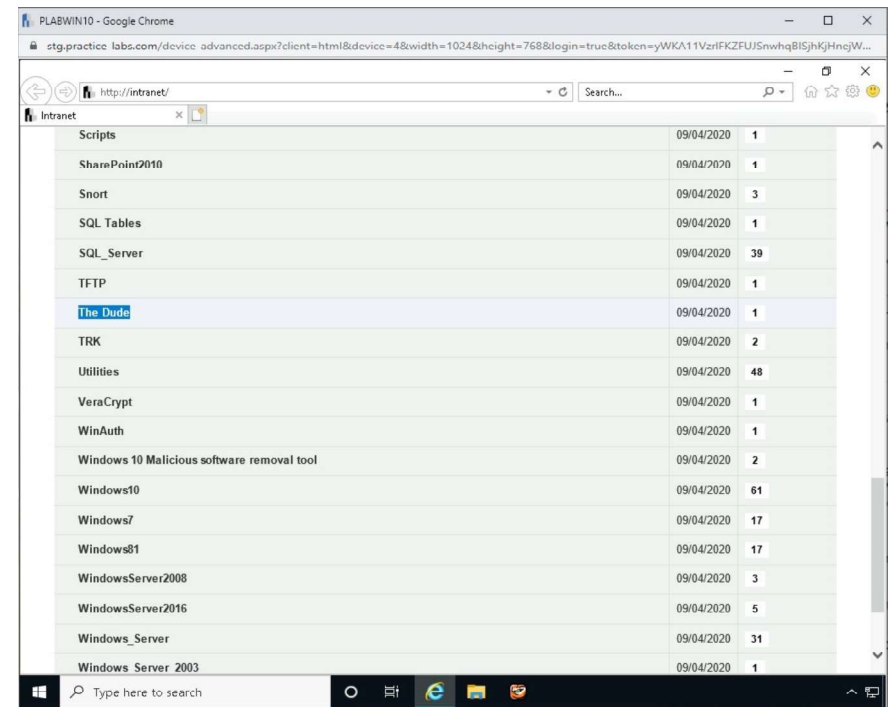


Figure 1.3 Screenshot of the PLABWIN10 desktop: Required file is selected on the **.. > Tools** webpage.

Step 4

On the **.. > Tools > The Dude** webpage, click the **dude-install-3.6.exe** file.

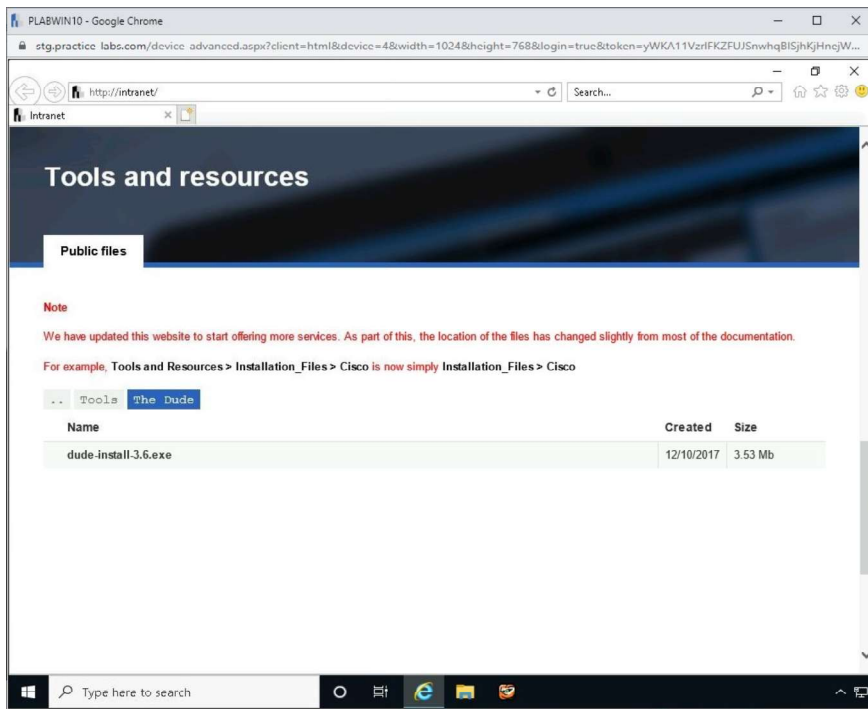


Figure 1.4 Screenshot of the PLABWIN10 desktop: Required file is selected on the .. > Tools > The Dude webpage.

Step 5

On the notification bar displayed, click **Run**.

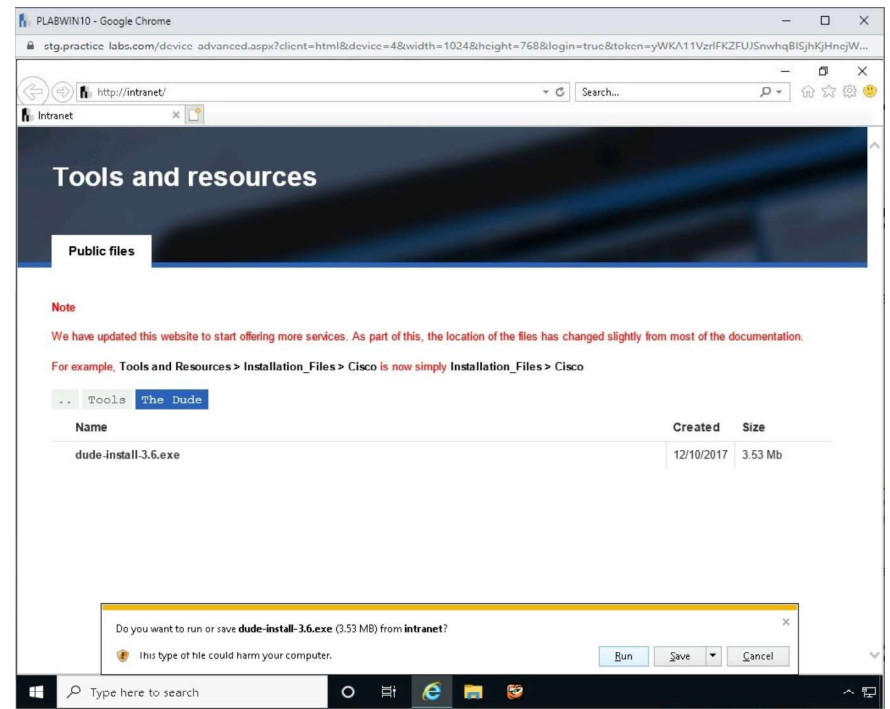


Figure 1.5 Screenshot of the PLABWIN10 desktop: Run button on the dude notification bar displayed at the bottom of the .. > Tools > The Dude webpage is highlighted.

Step 6

On the **User Account Control** dialog box, click **Yes** to continue.

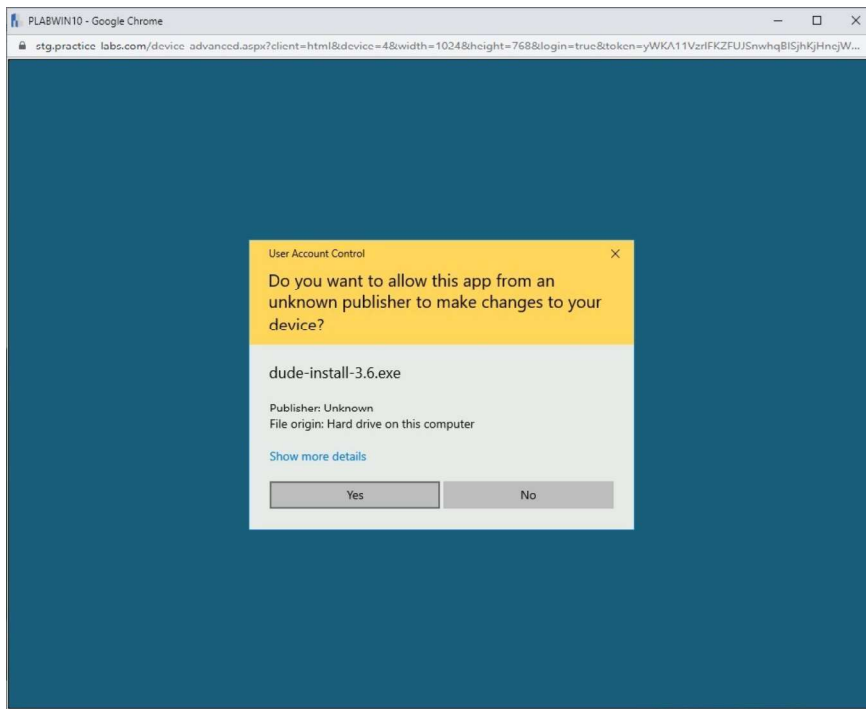


Figure 1.6 Screenshot of the PLABWIN10 desktop: Yes button on the User Account Control dialog box is available.

Step 7

The **Dude Setup** wizard is displayed.

On the **License Agreement** page, click **I Agree** to continue.

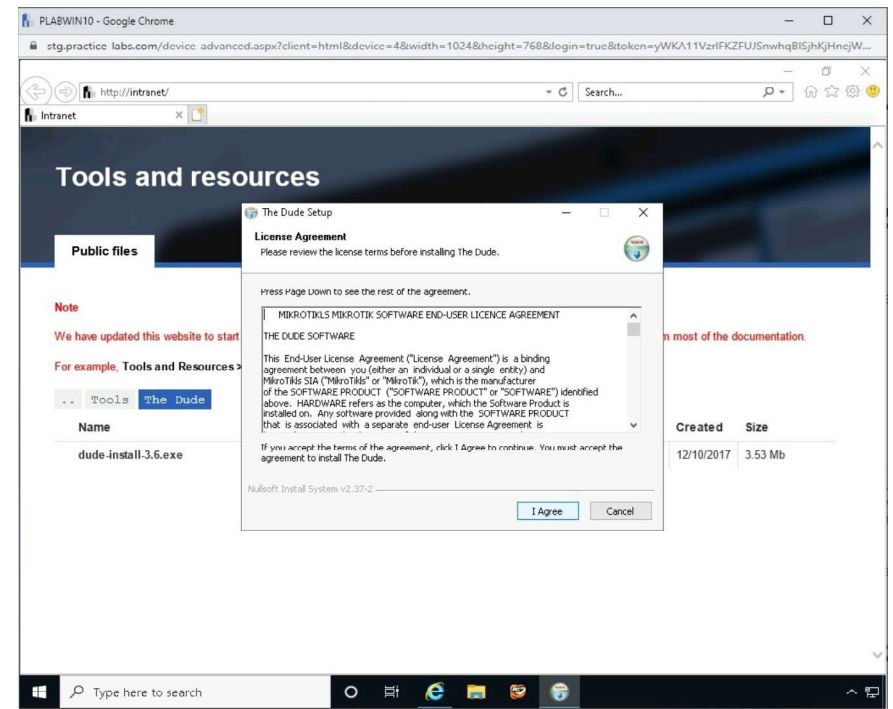


Figure 1.7 Screenshot of the PLABWIN10 desktop: License Agreement page on The Dude Setup wizard is displayed showing the I Agree button highlighted.

Step 8

On the **Choose Components** page, click **Next**.

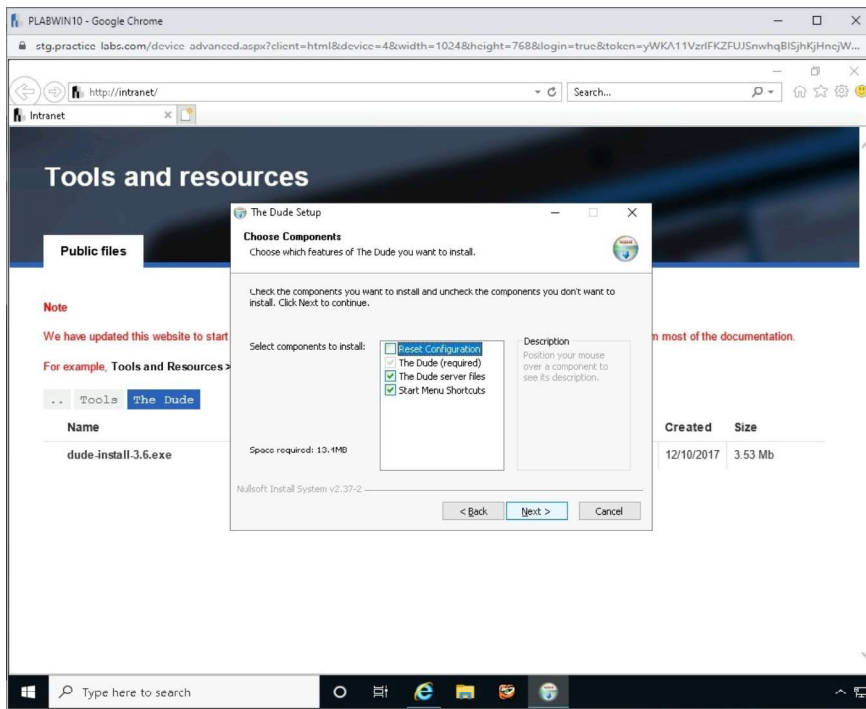


Figure 1.8 Screenshot of the PLABWIN10 desktop: Choose Components page on The Dude Setup wizard is displayed showing default settings and the Next button highlighted.

Step 9

On the **Choose Install Location** page, click **Install**.

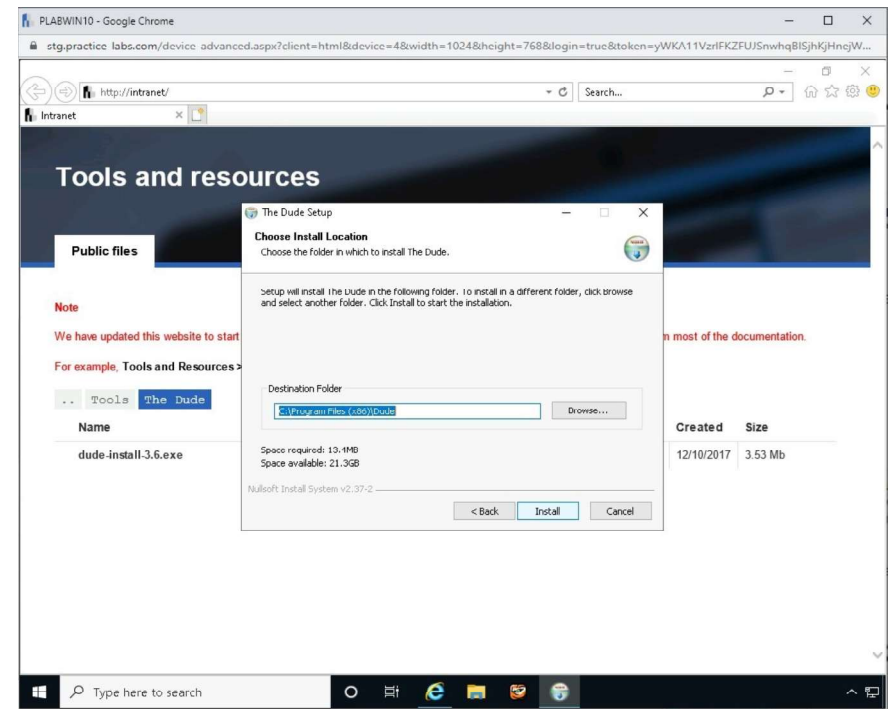


Figure 1.9 Screenshot of the PLABWIN10 desktop: Choose Install Location page on The Dude Setup wizard is displayed listing default destination folder and showing the Install button highlighted.

Step 10

The installation is in progress.

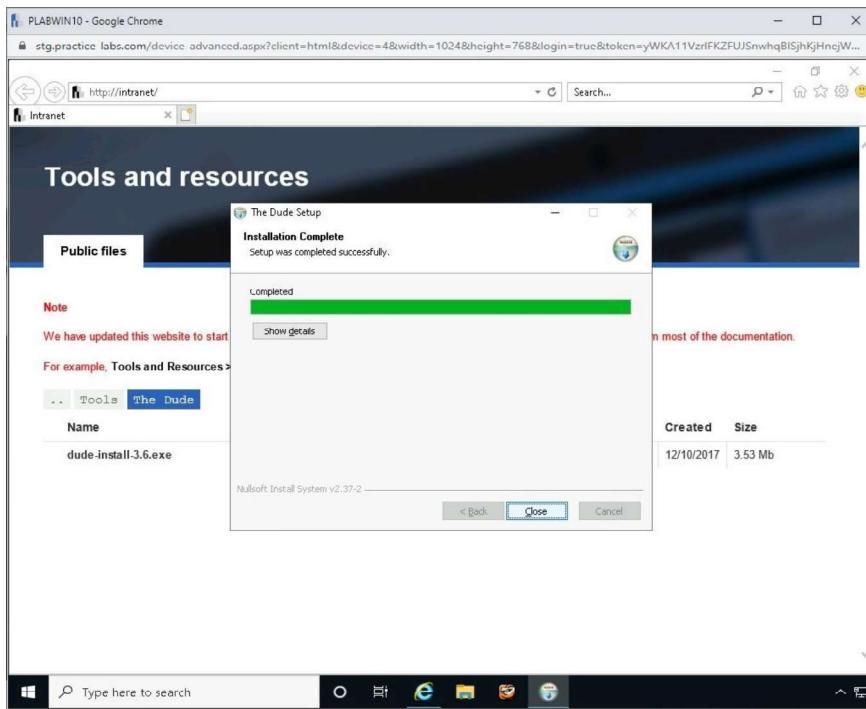


Figure 1.10 Screenshot of the PLABWIN10 desktop: Installation Complete page on The Dude Setup wizard is displayed tracking the installation and showing the Close button highlighted.

Click **Close** when installation is complete. Close the **Internet Explorer** window.

Keep all devices powered on in their current state and proceed to the next exercise.