Práctica de laboratorio: Instalación de Wireshark

Objetivos

Descargar e instalar Wireshark

Información básica/situación

Wireshark es un analizador de protocolos de software o una aplicación "husmeador de paquetes" que se utiliza para el diagnóstico de problemas de red, verificación, desarrollo de protocolo y software y educación. Mientras el flujo de datos va y viene en la red, el husmeador "captura" cada unidad de datos del protocolo (PDU) y puede decodificar y analizar su contenido de acuerdo a la RFC correcta u otras especificaciones.

Es una herramienta útil para cualquiera que trabaje con redes y se puede utilizar en la mayoría de las prácticas de laboratorio en los cursos de CCNA para el análisis de datos y la solución de problemas. En esta práctica de laboratorio, recibirá instrucciones para descargar e instalar Wireshark.

Recursos necesarios

• 1 PC (Windows 7, 8 o 10 con acceso a Internet)

Descargar e instalar Wireshark

Wireshark se convirtió en el programa detector de paquetes estándar del sector que utilizan los ingenieros de redes. Este software de código abierto está disponible para muchos sistemas operativos diferentes, incluidos Windows, MAC y Linux. En esta práctica de laboratorio, descargará e instalará el programa de software Wireshark en la PC.

Nota: Antes de descargar Wireshark, consulte al instructor cuál es la política de descarga de software de su academia.

Paso 1: Descargue Wireshark.

- a. Wireshark se puede descargar de www.wireshark.org.
- b. Haga clic en el ícono de arriba Download (Descargar).



c. Elija la versión de software que necesita según la arquitectura y el sistema operativo de la PC. Por ejemplo, si tiene una PC de 64 bits con Windows, seleccione Windows Installer (64-bits) (Instalador de Windows [64 bits]).

Download Wireshark	
The current stable release of Wireshark is 2.4.3.	
Stable Release (2.4.3) • November 30, 2017	^
 Windows Installer (64-bit) Windows Installer (32-bit) Windows PortableApps[®] (32-bit) macOS 10.6 and later Intel 64-bit .dmg Source Code 	
Old Stable Release (2.2.11) • November 30, 2017	~
Documentation	~
More downloads and documentation can be found on the downloads page.	

Después de realizar la selección, comienza la descarga. La ubicación del archivo descargado depende del navegador y del sistema operativo que utiliza. Para usuarios de Windows, la ubicación predeterminada es la carpeta **Descargas**.

Paso 2: Instale Wireshark.

- a. El archivo descargado se denomina **Wireshark-win64-x.x.x.exe**, en el que **x** representa el número de versión. Haga doble clic en el archivo para iniciar el proceso de instalación.
- b. Responda los mensajes de seguridad que aparezcan en la pantalla. Si ya tiene una copia de Wireshark en la PC, se le solicitará desinstalar la versión anterior antes de instalar la versión nueva. Se recomienda eliminar la versión anterior de Wireshark antes de instalar otra versión. Haga clic en Yes (Sí) para desinstalar la versión anterior de Wireshark.

Wireshark	2.4.3 64-bit Setup	×
?	Wireshark 2.4.2 64-bit is already installed. Would you like to uninstall it first?	
(Yes No Cancel	

c. Si es la primera vez que instala Wireshark, o si lo hace después de haber completado el proceso de desinstalación, navegue hasta el asistente Wireshark Setup (Instalación de Wireshark). Haga clic en Next (Siguiente).



d. Continúe avanzando por el proceso de instalación. Cuando aparezca la ventana Contrato de licencia, haga clic en **I Agree** (Acepto).

Wireshark 2.4.3 64-bit Setup — — — — — — — — — — — icense Agreement Please review the license terms before installing Wireshark 2.4.3 64-bit. Press Page Down to see the rest of the agreement. [This text consists of three parts:			
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< Back I Agree Cancel	ireshark Installer (tm)		
< Back I Agree Cancel			
	< Back I Agree		ancel

e. Guarde la configuración predeterminada en la ventana **Choose Components** (Elegir componentes) y haga clic en **Next** (Siguiente).

🥖 Wireshark 2.4.3 64-bit Setup		-		×
Choose Components				
Choose which features of Wires	hark 2.4.3 64-bit you want to install.			
The following components are a	vailable for installation.			
Select components to install:	Wireshark Wireshark V TShark Wireshark 1 P· ✓ Plugins & Extensions Tools ✓ User's Guide			
Space required: 172.5MB	Description Position your mouse over a componen description.	t to see i	ts	
Wireshark Installer (tm) ————	< Back Next	>	Ca	ncel

f. Elija las opciones de método abreviado que desee y, a continuación, haga clic en Next (Siguiente).

Select Additional Tasks Which additional tasks should be done?	
Create Shortcuts	
Wireshark Start Menu Item	
Wireshark Desktop Icon	
Wireshark Quick Launch Icon	
Wireshark Legacy Start Menu Item	
Wireshark Legacy Desktop Icon	
Wireshark Legacy Quick Launch Icon	
File Extensions	
Associate trace file extensions to Wireshark	
Associate trace file extensions to Wireshark Legacy	
○ None	
Extensions: 5vw, acp, apc, atc, bfr, cap, enc, erf, fdc, ipfix, mplog, out, pcap, pcapng, pklg, pkt, rf5, snoop, syc, tpc, tr1, trace, trc, vwr, wpc, wpz	
Wireshark Installer (tm) < Back Next > C	ancel

g. Puede cambiar la ubicación de instalación de Wireshark, pero, a menos que tenga un espacio en disco limitado, se recomienda mantener la ubicación predeterminada.

🚄 Wireshark 2.4.3 64-bit Setup	-		×
Choose Install Location			
Choose the folder in which to install Wireshark 2.4.3 64-bit.			
Choose a directory in which to install Wireshark.			
Destination Folder	Prov		
	brov	vse	
Space available: 84.5GB			
Wireshark Installer (tm) ————————————————————————————————————	ext >	Car	ncel

- h. Para capturar datos de la red activa, WinPcap debe estar instalado en la PC. Si WinPcap ya está instalado en la PC, la casilla de verificación Instalar estará desactivada. Si la versión instalada de WinPcap es anterior a la versión que incluye Wireshark, se recomienda que permita que la versión más reciente se instale haciendo clic en la casilla de verificación Install WinPcap x.x.x (Instalar WinPcap x.x.x [número de la versión]).
- i. Finalice el asistente WinPcap Setup (Instalación de WinPcap) si instala WinPcap.

📕 Wireshark 2.4.3 64-bit Setup	—		×
Install WinPcap?			
WinPcap is required to capture live network data. Should WinPcap be in	stalled?		
Currently installed WinPcap version WinPcap 4.1.3			
Install Install WinPcap 4.1.3 If selected, the currently installed WinPcap 4.1.3 will be uninstalled	ed first.		
What is WinPcap?			
Wireshark Installer (tm)			
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j. Además, USBPcap puede ser instalado en su PC. Si USBPcap ya está instalado en la PC, la casilla de verificación Install (Instalar) estará desactivada. Si la versión de USBPcap que usted tiene instalada es anterior a la versión que viene con Wireshark, recomendamos instalar la versión más reciente. Para ello, haga clic en la casilla de verificación **Install USBPcap x.x.x** (Instalar USBPcap x.x.x [número de la versión]).

Nota: Dado que USBcap todavía es experimental, le recomendamos que **NO** instale USBcap a menos que necesite capturar tráfico USB.

k. Finalice el asistente USBPcap Setup (Instalación de USBPcap) si instala USBPcap.

🕻 Wireshark 2.4.3 64-bit Setup - 🗆 🗙
Install USBPcap?
USBPcap is required to capture USB traffic. Should USBPcap be installed (experimental)?
Currently installed USBPcap version USBPcap 1.2.0.3
Install Install USBPcap 1.2.0.3 If you wish to install USBPcap 1.2.0.3, please uninstall USBPcap 1.2.0.3 manually
Important notice In case of issue after installation, please use the system restore point created or read https://github.com/desowin/usbpcap/issues/3
What is USBPcap?
Wireshark Installer (tm)

I. Wireshark comienza a instalar los archivos, y aparece una ventana independiente con el estado de la instalación. Haga clic en **Next** (Siguiente) cuando la instalación esté completa.

📕 Wireshark 2.4.3 64-bit Setup	-		\times
Installation Complete			
Setup was completed successfully.			
Completed			
Extract: reordercap.exe			^
Output folder: C:\Program Files\Wireshark			
Extract: capinfos.exe			
Extract: capinfos.html			
Output folder: C:\Program Files\Wireshark			
Extract: rawshark.exe			
Extract: rawshark.html			
Output folder: C:\Program Files\Wireshark			
Extract: user-guide.chm			
Completed			~
Wineshark Testaller /tm)			
Wiresildrk Liscaller (citi)	0		
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m. Haga clic en **Finish** (Finalizar) para completar el proceso de instalación de Wireshark.

