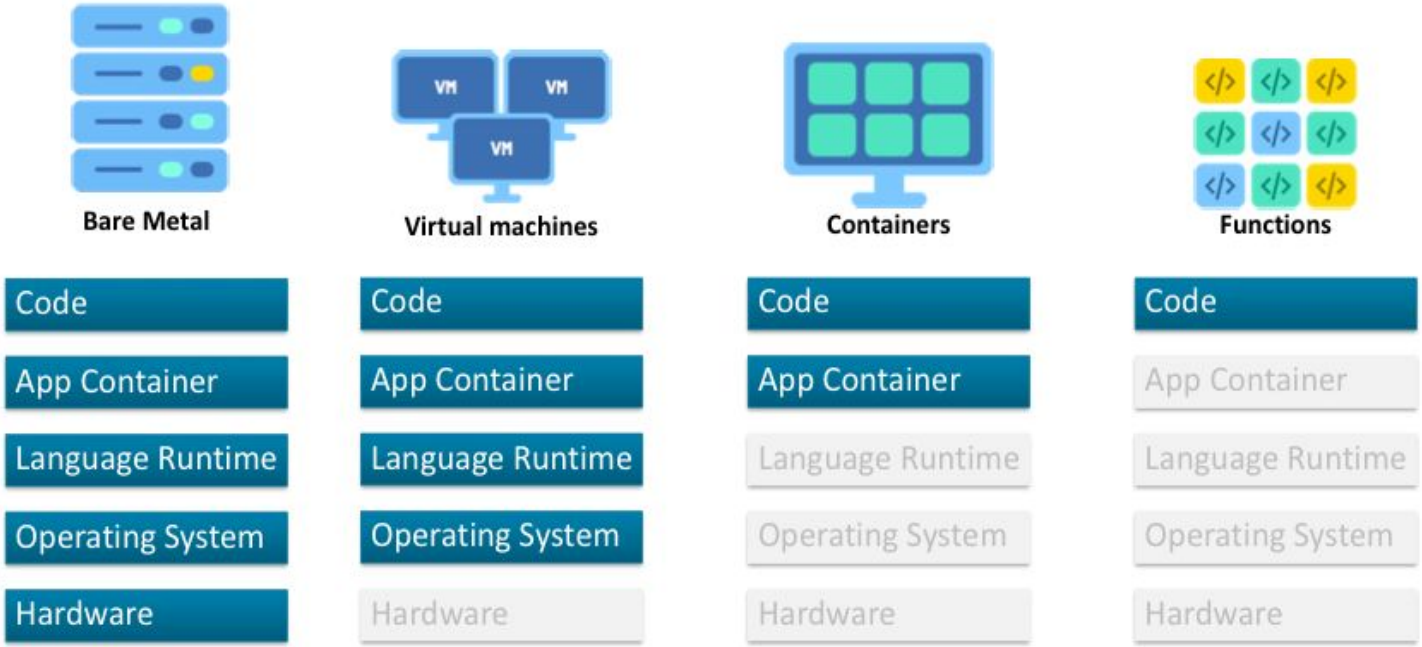
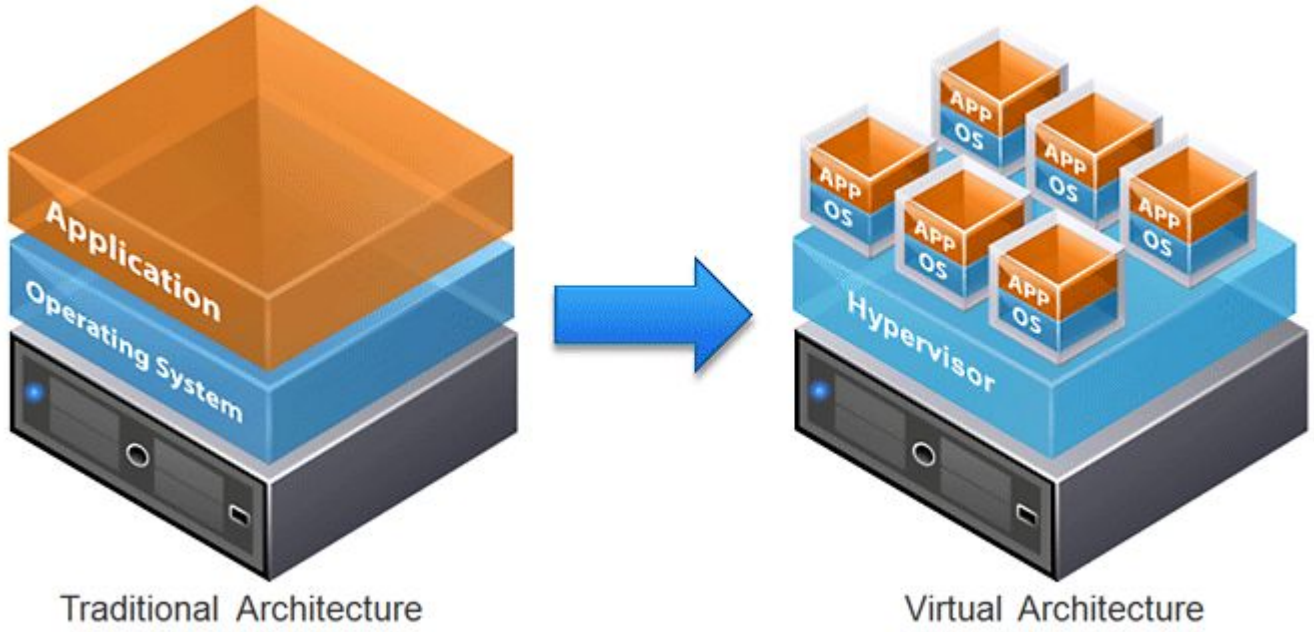
Creando tu entorno de laboratorio para el bootcamp

Por: Sheyla Leacock

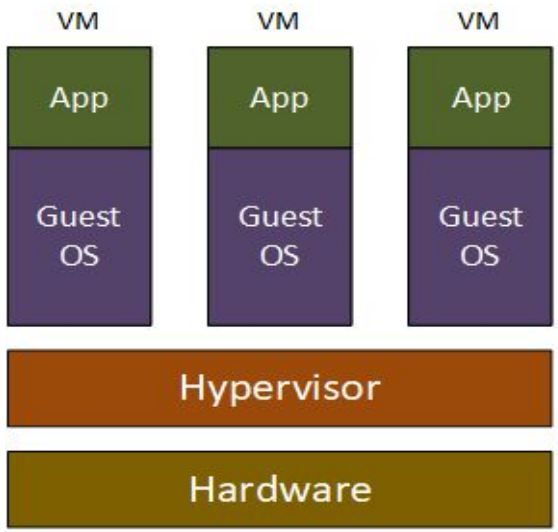
¿Cómo construir tu HomeLab?



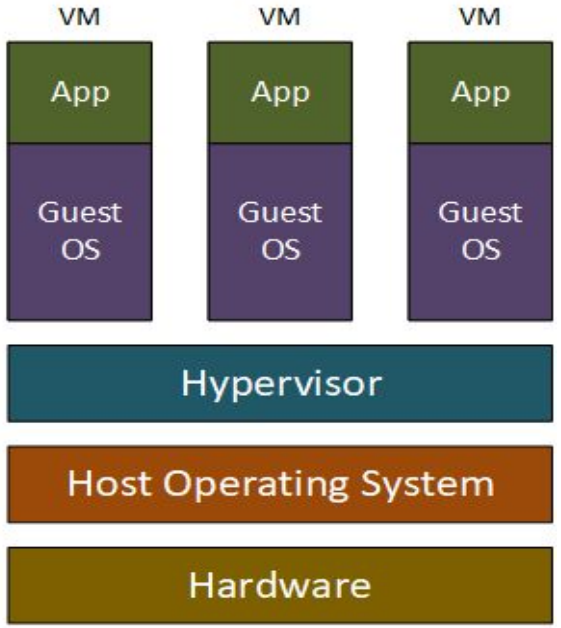
Virtualización



Tipos de Hipervisores

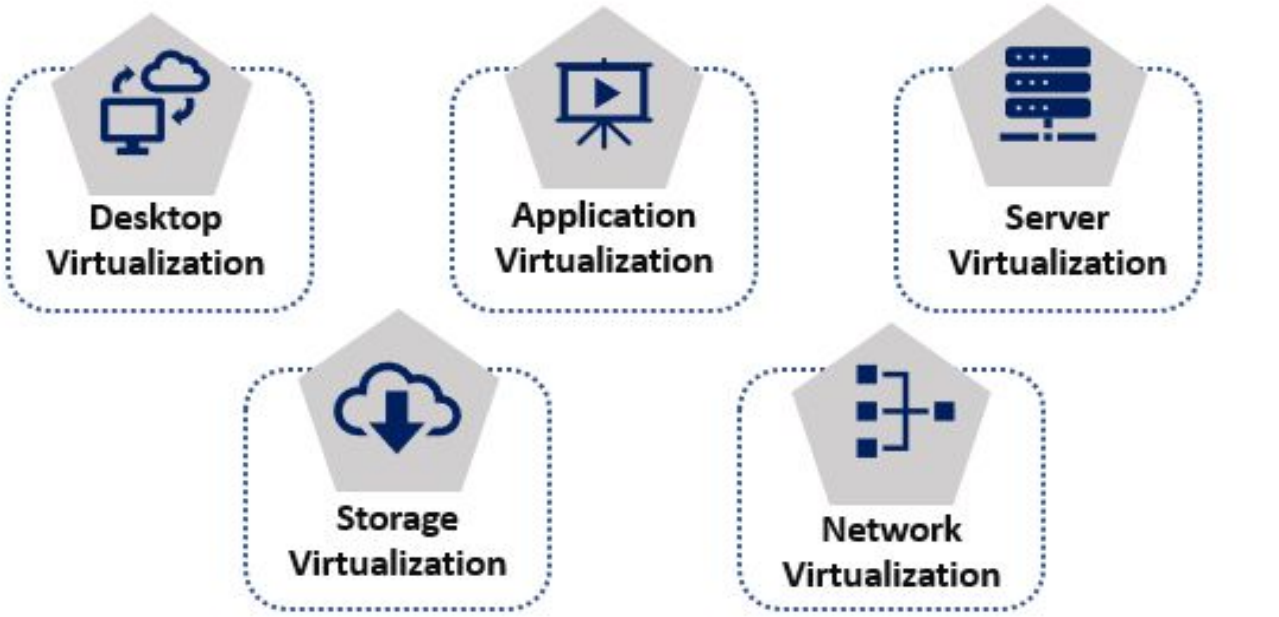


Type 1 Hypervisor



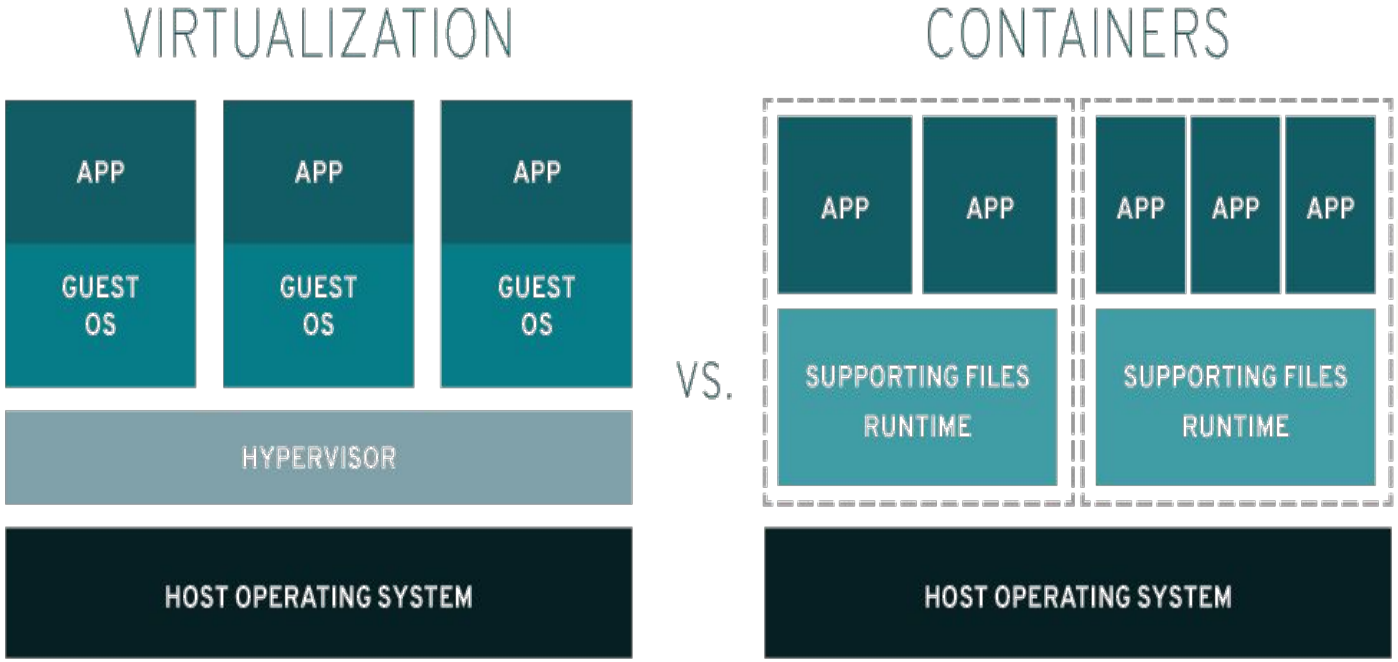
Type 2 Hypervisor

¿Qué podemos virtualizar?



Contenedores

https://hub.docker.com/



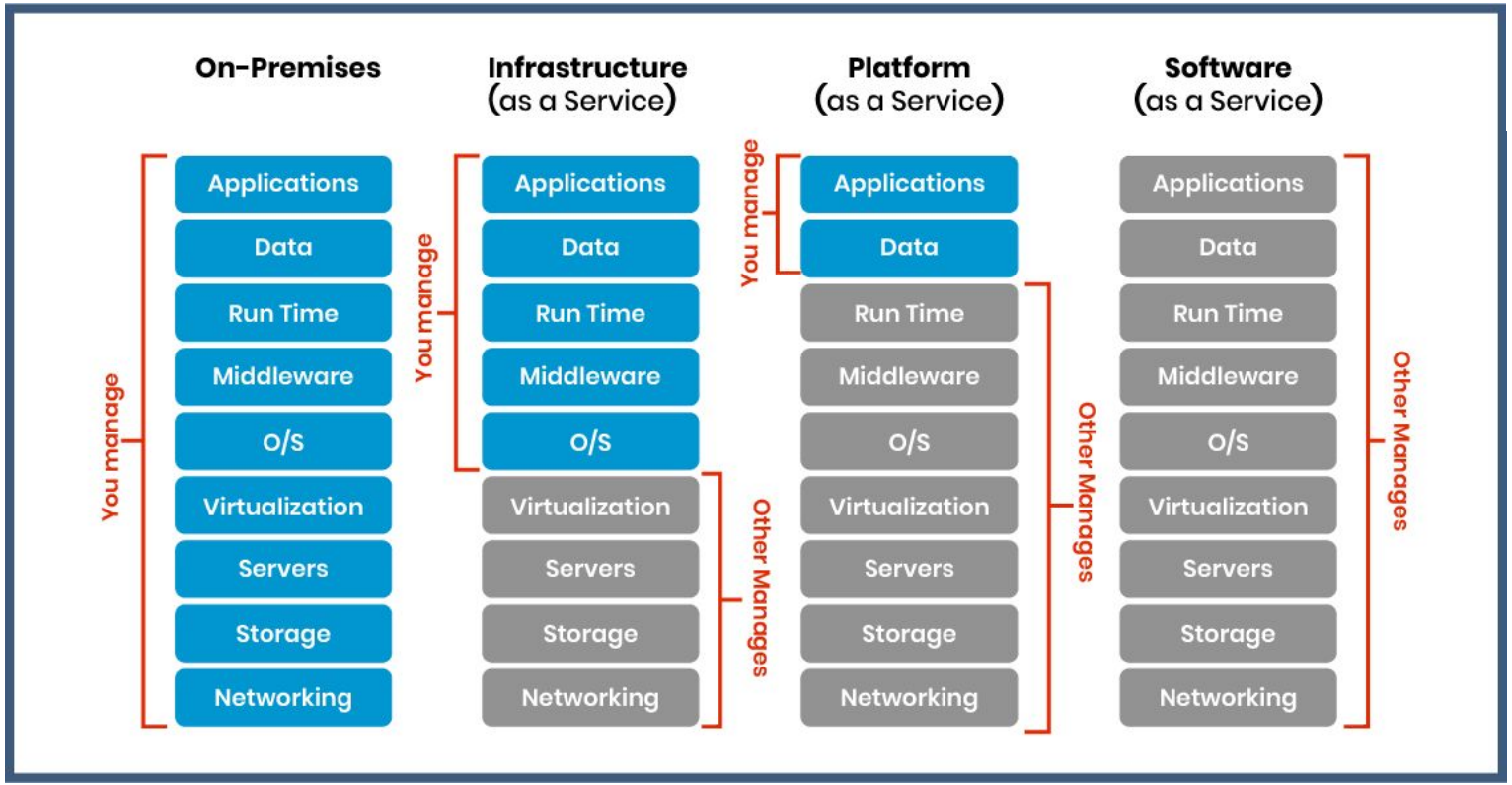
docker

podman

LXC

rkt

Servicios en la nube



Azure

aws

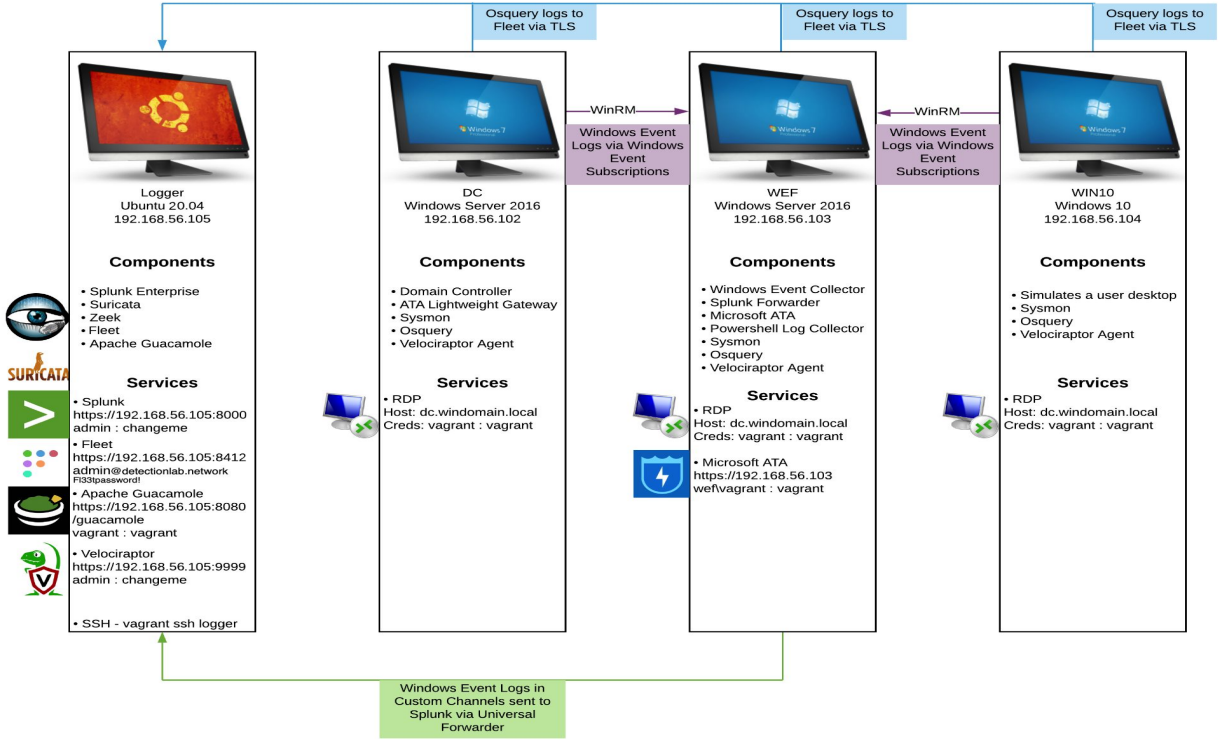
HETZNER

VULTR

Google Cloud

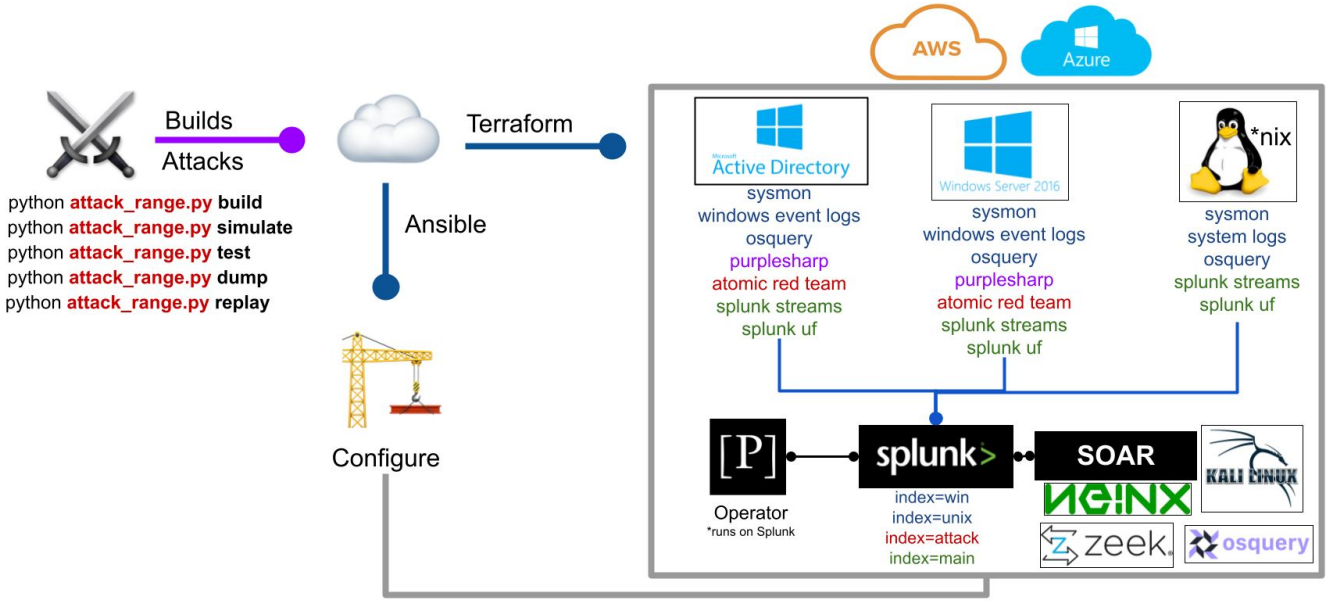
Alternativas - Laboratorios de detección

Detection Lab:
https://detectionlab.network/



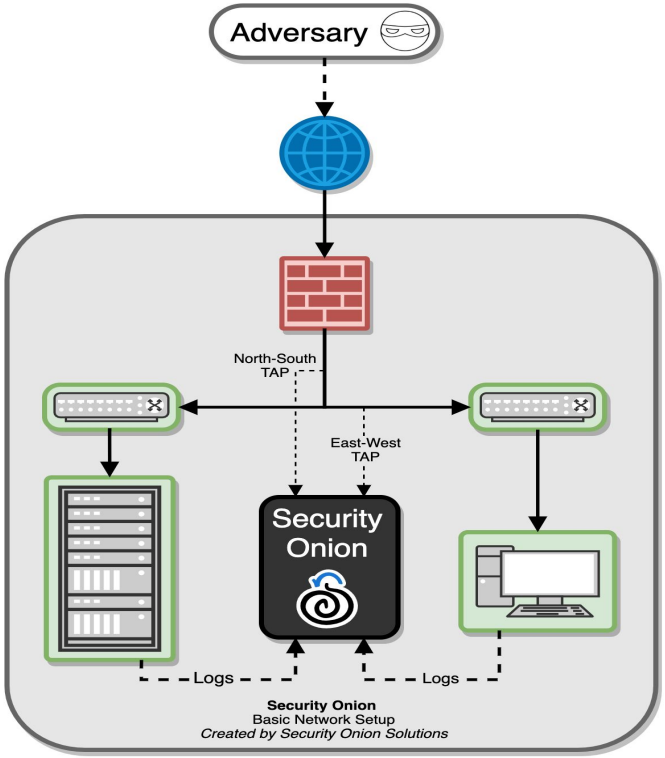
Alternativas - Laboratorios de detección

Splunk Attack Range: https://github.com/splunk/attack_range



Alternativas - Laboratorios de detección

Security Onion:
https://securityonionsolutions.com/



¡Crea tu HomeLab con VirtualBox!

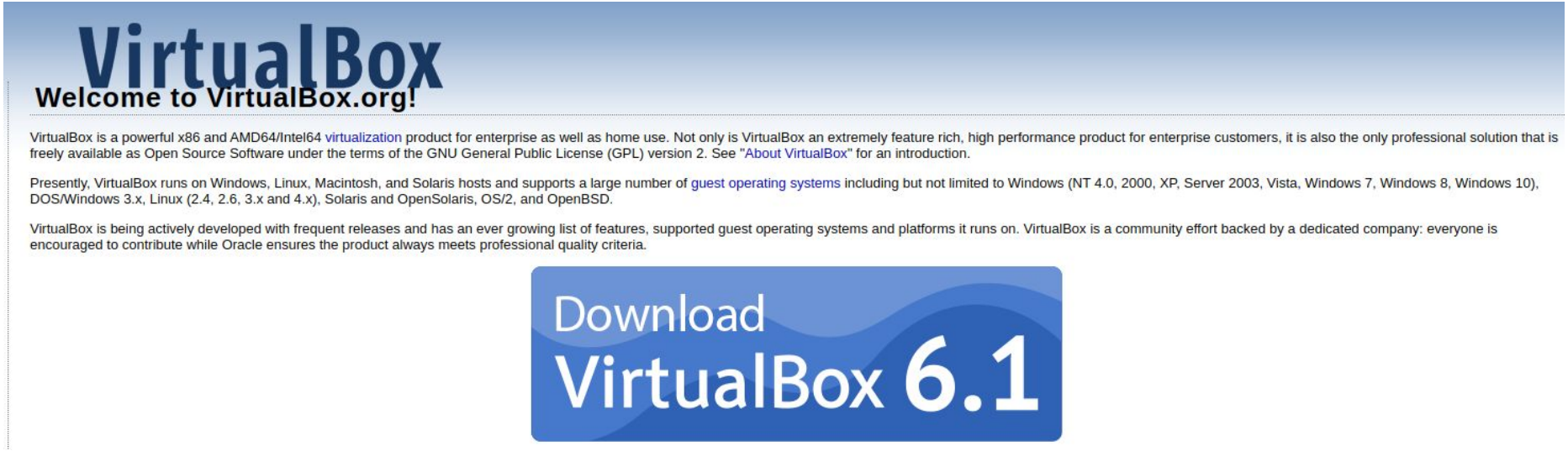
Paso 1:
Verifica los requerimientos de tu equipo

Recomendaciones:

- Memoria RAM: 8GB
- CPU: Con soporte de virtualización activa
- Almacenamiento: Entre 100-200GB (También puedes utilizar discos externos)

Paso 2:
Instala el software de virtualización

https://www.virtualbox.org/



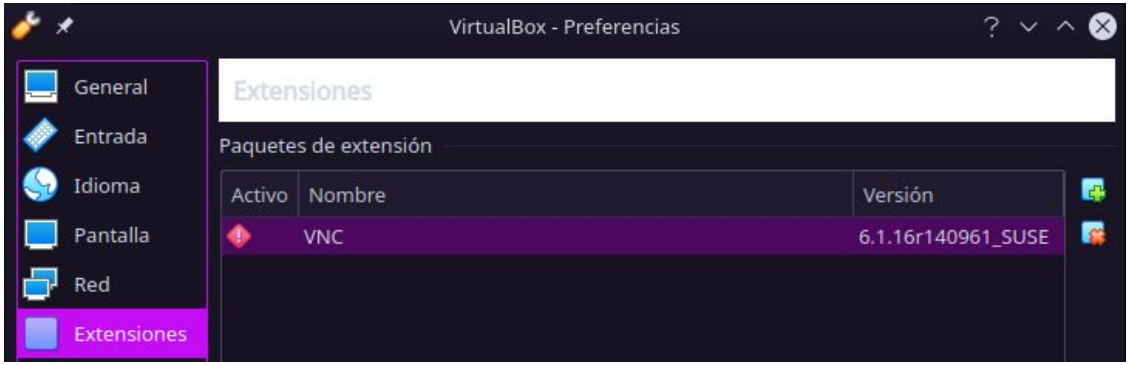
Paso 3:
Instalar el paquete de extensión de VirtualBox

VirtualBox 6.1.36 Oracle VM VirtualBox Extension Pack

- All supported platforms

Support for USB 2.0 and USB 3.0 devices, VirtualBox RDP, disk encryption, NVMe and PXE boot for Intel cards. See this chapter from the User Manual for an introduction to this Extension Pack. The Extension Pack binaries are released under the VirtualBox Personal Use and Evaluation License (PUEL). *Please install the same version extension pack as your installed version of VirtualBox.*

https://www.virtualbox.org/wiki/Downloads



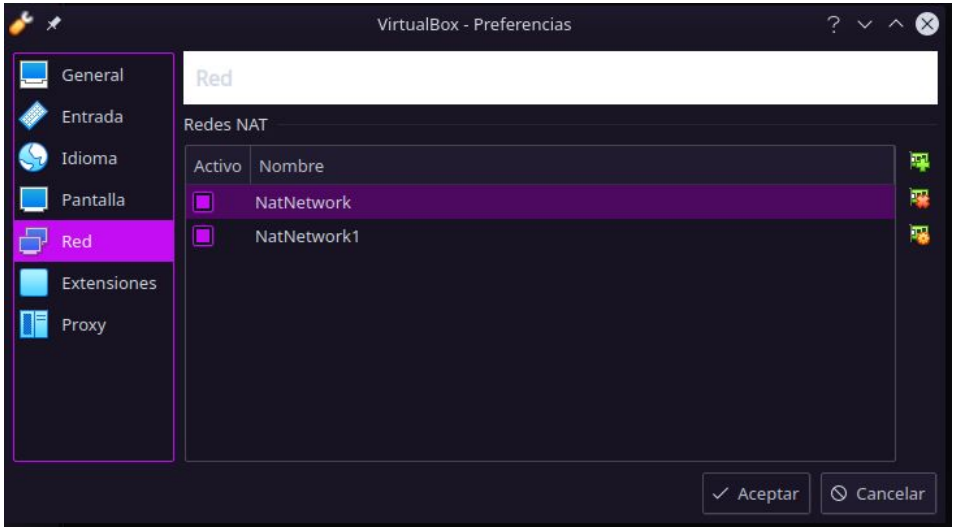
Paso 4:
Crear o Importar una VM

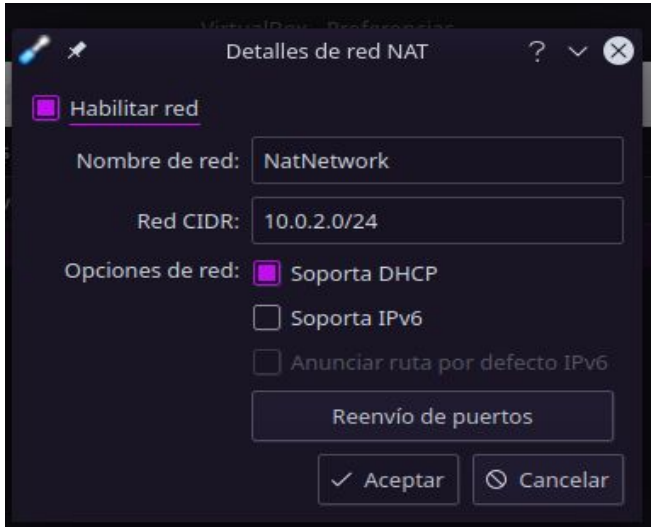
Máquinas Linux listas para importar en: https://www.osboxes.org/

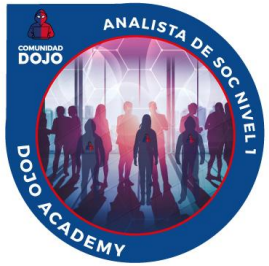
Máquinas Windows listas para importar en:
https://developer.microsoft.com/en-us/microsoft-edge/tools/vms/

Para los laboratorios te recomendamos tener Ubuntu y Windows 10.

Paso 5:
Configurar los adaptadores de red







¡Gracias!