

# PLANTILLAS



**PROXMOX**

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2º ASIR

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# 1. Acceder a la página de imágenes de Proxmox, descargar Ubuntu y subir plantilla

Desde el terminal de Proxmox me coloco en el archivo cache ejecutando `cd /var/lib/vz/template/cache` y desde ahí accedemos a la página web de las imágenes con `wget https://download.proxmox.com/images/system/ubuntu-21.04-standard_21.04-1_amd64.tar.gz` para descargar y subir la plantilla.

The image shows a terminal window and the Proxmox web interface. The terminal window displays the following commands and output:

```
Microsoft Windows [Versión 10.0.22631.4460]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\2asirn>ssh root@172.26.14.152
root@172.26.14.152's password:
Linux pve 6.8.4-2-pve #1 SMP PREEMPT_DYNAMIC PMX 6.8.4-2 (2024-04-10T17:36Z) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Fri Nov 22 17:44:21 2024
root@pve:~# cd /var/lib/vz/template/cache/
root@pve:/var/lib/vz/template/cache# wget http://download.proxmox.com/images/system/ubuntu-21.04-standard_21.04-1_amd64.tar.gz
--2024-11-22 20:49:31-- http://download.proxmox.com/images/system/ubuntu-21.04-standard_21.04-1_amd64.tar.gz
Resolving download.proxmox.com (download.proxmox.com)... 51.91.38.34, 2001:41d0:203:7470::34
Connecting to download.proxmox.com (download.proxmox.com)|51.91.38.34|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 225859786 (215M) [application/octet-stream]
Saving to: 'ubuntu-21.04-standard_21.04-1_amd64.tar.gz'

untu-21.04-standard_21.04-1_a 53%[=====] 115.27M 1.90MB/s eta 28s
```

The Proxmox web interface shows the 'Almacenamiento local en el nodo 'pve'' section. The 'Plantillas de CT' tab is selected, and the following table is displayed:

Nombre	Fecha	Formato	Tamaño
debian-12-standard_12.7-1_amd64.tar.xz	2024-11-22 17:02:47	tar.xz	126.52 MB
debian-7.0-debian-7.0-x86_64-minimal.tar.gz	2024-11-22 18:03:32	tar.gz	88.26 MB
ubuntu-21.04-standard_21.04-1_amd64.tar.gz	2024-11-22 20:50:34	tar.gz	225.86 MB

## 2. Crear contenedor

Pinchamos en Create CT (crear contenedor) y le introducimos los datos que nos proporciona el ejercicio.

Crear: Contenedor LXC

General Plantilla Discos CPU Memoria Red DNS Confirmar

Key ↑	Value
cores	1
features	nesting=1
hostname	Ubuntu-21
memory	1024
net0	name=eth0,bridge=vbr0,firewall=1
nodename	pve
ostemplate	local:vztmpl/ubuntu-21.04-standard_21.04-1_amd64.tar.gz
pool	
rootfs	local-lvm:8
ssh-public-keys	
swap	512
unprivileged	1
vmid	103

☐ Iniciar después de la creación

Avanzado ☒

Atrás Finalizar

Task viewer: CT 103 - Crear

Salida Estado

Parar Descargar

```
WARNING: You have not turned on protection against thin pools running out of space.
WARNING: Set activation/thin_pool_autoextend_threshold below 100 to trigger automatic extension of thin pools before they get full.
Logical volume "vm-103-disk-0" created.
WARNING: Sum of all thin volume sizes (61.00 GiB) exceeds the size of thin pool pve/data and the size of whole volume group (<49.50 GiB).
Creating filesystem with 2097152 4k blocks and 524288 inodes
Filesystem UUID: e8e7ccad-60bd-41fd-960a-38619506e321
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632
extracting archive '/var/lib/vz/template/cache/ubuntu-21.04-standard_21.04-1_amd64.tar.gz'
Total bytes read: 666654720 (636MiB, 93MiB/s)
Detected container architecture: amd64
Creating SSH host key 'ssh_host_dsa_key' - this may take some time ...
done: SHA256:x449zFP7JffxZkRhe2Vc/x/ZiweyOf91EepvVMqwapo root@Ubuntu-21
Creating SSH host key 'ssh_host_ecdsa_key' - this may take some time ...
done: SHA256:AJUkE3ivrNMeCH9EAHzrIh1WupTtOzBjbKC9RqYQgfQ root@Ubuntu-21
Creating SSH host key 'ssh_host_rsa_key' - this may take some time ...
done: SHA256:ROO8ealb7y24x5ymKTmECCgomWPhx2O3L1WLdbcKpts root@Ubuntu-21
Creating SSH host key 'ssh_host_ed25519_key' - this may take some time ...
done: SHA256:3WJy310YeKrkadwdAGkMFxyoTgyRNCfHTVozSFmAAAM root@Ubuntu-21
TASK OK
```

### 3. Entrar en Ubuntu

Ya tenemos la máquina creada. Iniciamos, ponemos la contraseña y listo.

PROXMOX Virtual Environment 8.2.2

Vista por servidor

Centro de datos

- pve
  - 102 (Debian12-1)
  - 103 (Ubuntu-21)
  - 100 (Windows7)
  - 101 (Debian12)
  - localnetwork (pve)
  - local (pve)
  - local-lvm (pve)

Contenedor 103 (Ubuntu-21) en el nodo pve

Ninguna etiqueta

Resumen

Consola

Recursos

Red

DNS

Opciones

Historial de tareas

Respaldo

Replicación

Snapshots

Cortafuego

Permisos

Inicio Iniciar Apagar Consola Más Ayuda

```
Ubuntu 21.04 Ubuntu-21 tty1
Ubuntu-21 login: root
Password:
Welcome to Ubuntu 21.04 (GNU/Linux 6.8.4-2-pve x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

root@Ubuntu-21:~#
```