



The TLXADM appliance is currently unmaintained and out-of-date, but you can still download it from <http://mirrors.thinlinux.com/downloads/>

tlxadm-vmw_vbx_kvm-7.8.8.zip is the version for VMware, VirtualBox, and KVM

tlxadm-xen_hv-7.8.8.zip is the version for Xen and Hyper-V

Please note that you will not be able to import the VMware version of the appliance using vCenter 6.5.0 or later, because VMware decided to drop backward compatibility with OVF version 0.9 in that release.

However, this limitation only applies to vCenter, not ESX - you can still import the appliance using the ESX host's web UI, but in order to do this you must first remove the host from vCenter, because VMware have prevented you from using the import function on a vCenter-joined host

Having installed the appliance, you will then need to upgrade TMS to the latest version by opening a root shell window and running

```
"rpm -Uvh http://mirrors.thinlinux.com/downloads/TMS-8.0.1-1.el7.centos.x86\_64.rpm"
```

TLXADM has the Citrix Linux VDA 1.4 and a RDP Server integrated, this allows remote connections to TLXADM using any RDP client or any Citrix HDX client.

See technical details below

This Citrix XenDesktop appliance is intended as a management station for devices running ThinLinX TLXOS

The appliance itself is a minimal deployment of CentOS 7.2 (64-bit) with ThinLinX management apps pre-installed, along with XRDP and Citrix VDA agent software. SSH has been reassigned to port 143, and does not allow password authentication (public key or GSSAPI only).

An appropriately minimal host firewall has been preconfigured (allows incoming NetBIOS, Citrix, STunnel (for session shadowing), RDP and TMS connections only).

The "tlx" user's password is random, and the root account is locked. To change their passwords, you will need to start a root shell using the icon provided, and run "passwd tlx" or "passwd root".

The "tlx" account has sudo privileges to run any command as root without entering a password. The appliance has been preconfigured for Active Directory authentication via sssd, and this will be tailored for your domain by the first-run wizard.

It is assumed that DHCP provides correct Active Directory DNS server details, such that AD can be discovered via DNS SRV records. Once this is properly configured, you will be able to log in to the appliance via RDP or HDX using AD username and password, in addition to the automatic tlx user console login.

If you are using Citrix HDX to connect to TLXADM we would recommend that you create a Windows user named "tlx" this will ensure that you see the full TLXADM Desktop owned by the "tlx" user when you click on the Citrix Storefront TLXADM Icon

As well as hosting the main ThinLinX Management Server (TMS) the appliance can also be used as a TLXOS session shadowing target. That is, you can point remote TLXOS devices at tlxadm.your-domain-name port 443 for shadowing.

The main reason that an Administrator would choose TLXADM over our Windows and Linux versions of TMS is our various Tools integrated into TLXADM, the most useful being the ability to view and manipulate the end users Desktop BEFORE they Log into a Remote session, this is incredibly useful for debugging,

The shadow connection must be initiated by the end user with Ctrl-Alt-s

The Youtube Videos links explain how to use the Desktop Shadow mode

<https://www.youtube.com/watch?v=ZlkPKKA21HE>

<https://www.youtube.com/watch?v=aWI3BB898GI>