

Preparing your server machine (host) to run a Kiosk Virtual Machine

Do this quite ahead of your season because sometimes you might need administrative privileges for your machine that you don't have on an institution-managed device.

Make sure your server machine meets the requirements

- If your server machine is Apple, make sure that it is an Intel Mac. You cannot run a Kiosk Virtual Machine (nor any other virtual machine created with Virtual Box) on one of the new Silicon Macs.
- Kiosk VM has been tested with MacOS Ventura (13.x), Windows 10 Pro
- If your server machine runs Windows, we recommend running Windows 10 Pro. While it should not cause any issues to run Windows 11 Pro, it has not been tested thoroughly. Home versions of Windows are not recommended. If your designated server has Windows Home installed, it is an indication that the hardware might not be up to the task. Only use professional machines as servers. Even mid-range consumer laptops likely won't have enough steam to run a virtual machine.
- You will need a minimum of 16GB RAM.
- Make sure that your primary hard drive has at least 20% free space (otherwise your computer's performance will suffer in general).
- While running the VM, close as many applications as possible and try not to have too much stuff running in the background (things like Google Drive, Dropbox, particularly Adobe Creative Cloud...). Just remember that your computer will run two computers at the same time, so it needs as many resources as possible for a smooth experience.
- If you use Windows and have not used the machine for a while, make sure to power it on in advance and give it time to download all the Windows updates and restart a few times.
- The VM is configured to run out of the box, using a Windows 10 trial version. You'll want a Windows 10 Pro license for the OS running in the Virtual Machine. If your institution can't equip you with a license, don't buy one from Microsoft, better buy one second hand (e.g. from Kinguin.net).
- The VM uses a copy of FileMaker Pro 19. You need your own license before you start using the Kiosk Virtual Machine (Clariss offers educational licenses).

Install Software

- Oracle Virtual Box 7 from <https://www.virtualbox.org/>. It's free. Allow it to do on your Operating System whatever it asks for during the installation process and perhaps on first start.
- On Windows the Virtual Box installation might fail because it misses a "Visual C++ Redistributable" package. That component is published by Microsoft for free. Just type in Microsoft Visual C++ Redistributable in Google and you will find a site "Microsoft Visual C++ Redistributable latest supported downloads". From that site (it must be a Microsoft site!) download and install the X64 Version of the package (called something like vc_redist.x64.exe). After you have installed it repeat the Oracle Virtual Box installation.
- Install splashtop from sos.splashtop.com. This is the software we use for attended access to your server for configuration and if you need help in the field. "Attended" means we only have access while you are present and grant it explicitly from case to case.

If you have finished all the steps up to this point, you are prepared to run the VM once it arrives.