PC Imaging Documentation

Overview: This documentation will walk you through the PC imaging process.

Requirements: USB Imaging Key, Ethernet Connection, Power Cable.

Process:

Step 1) Plug the laptop into ethernet and a power adapter.

Step 2) Plug the USB key into the laptop.

Step 3) Boot the laptop and press the F2 key until you boot into the BIOS

Step 4) Once in the BIOS, ensure the following settings are selected:

General>Boot Sequence> Ensure "UEFI" is enabled.

General> Advanced Boot> Ensure "Legacy Option ROM" is disabled.

General> UEFI Bootpath security> Ensure "Always, except internal HDD" is enabled.

System Configuration>Integrated NIC>Make sure "Enable UEFI w/ PXE" is enabled.

System Configuration> SATA> Ensure "AHCI" is enabled

Security>TPM 2.0 Security> Make sure TPM is "Enabled" and "On"

Secure Boot> Secure boot enable> Select "Enabled".

Step 5) Select "Apply settings" in the bottom middle of the screen, then select exit. Once you select exit, hit the F12 key until you arrive at the boot menu

Step 6) Select "UEFI Kingston Data Traveler".

Step 7) Enter domain credentials (this may require a staff member).

Step 8) Select "20H2 Faculty Staff" then hit enter.

Step 9) Rename the PC to the specific VU tag located on the device (Ex: VU12345), then hit enter.

Step 10) Select "Begin" then hit enter.

Note: The Device is now Imaging. Proceed to step 11 once it is completed

Step 11) Sign into Wildcat with the Wildcat password.

Step 12) Once signed in, go to the Windows Start Menu, and select "Settings".

Step 13) Type "Domain" into the "Find a Setting" field", then press enter.

Step 14) Select "Access Work or School".

Step 15) Select "Connect".

Step 16) Select "Join this device to a local Active Directory Domain".

Step 17) In the "Domain Name" field, type: vuad.villanova.edu.

Step 18) Enter Domain Adm. Credentials (this may require a staff member).

Note: For a loaner laptop, do not set anyone as an Adm. Skip this step.

Step 19) Restart the PC. It is now joined to the domain.