



VMware Fusion In Depth

University of Utah MacAdmins Meetup

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Quick About Me... @mikeroySoft





Walking
Path

Walking
Path

1.3 Miles

1.3 Miles

1.1 Miles

1.1 Miles

2.2 Miles

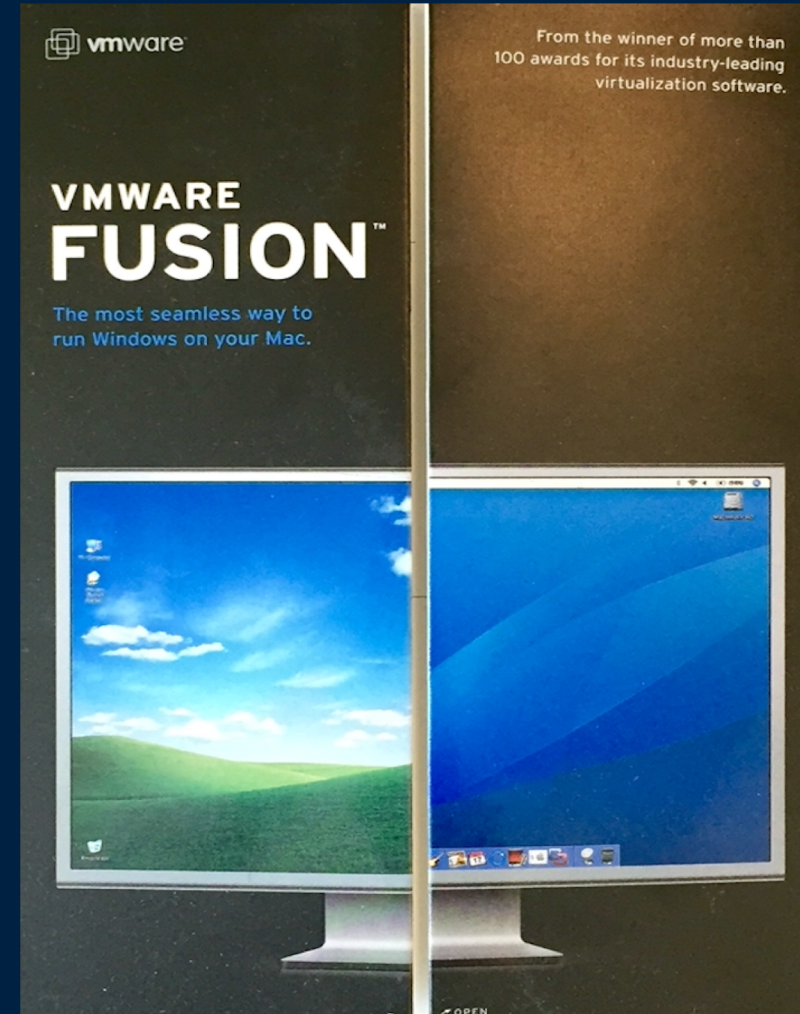
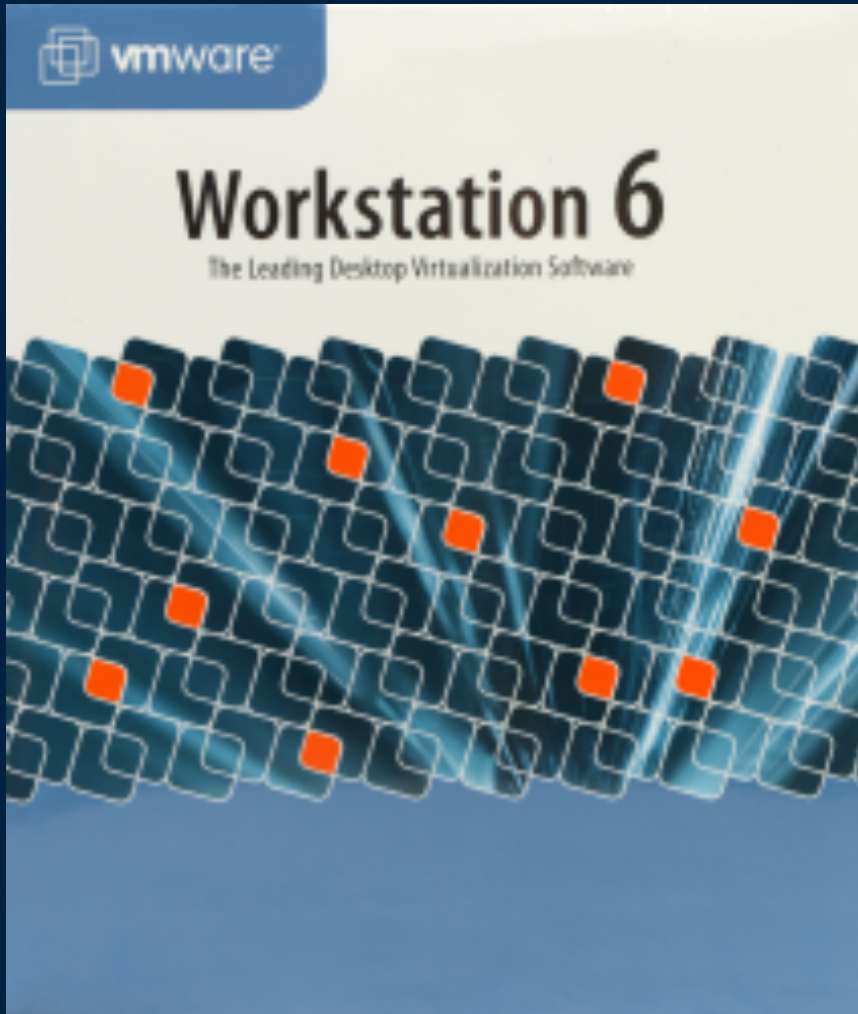
2.2 Miles



1999

From 1:1
To 1:many

2007: Apple moves to x86



VMware 2018 Desktop Hypervisors



Meet the Team



Hosted UI +
Quality Engineering:
The Builders

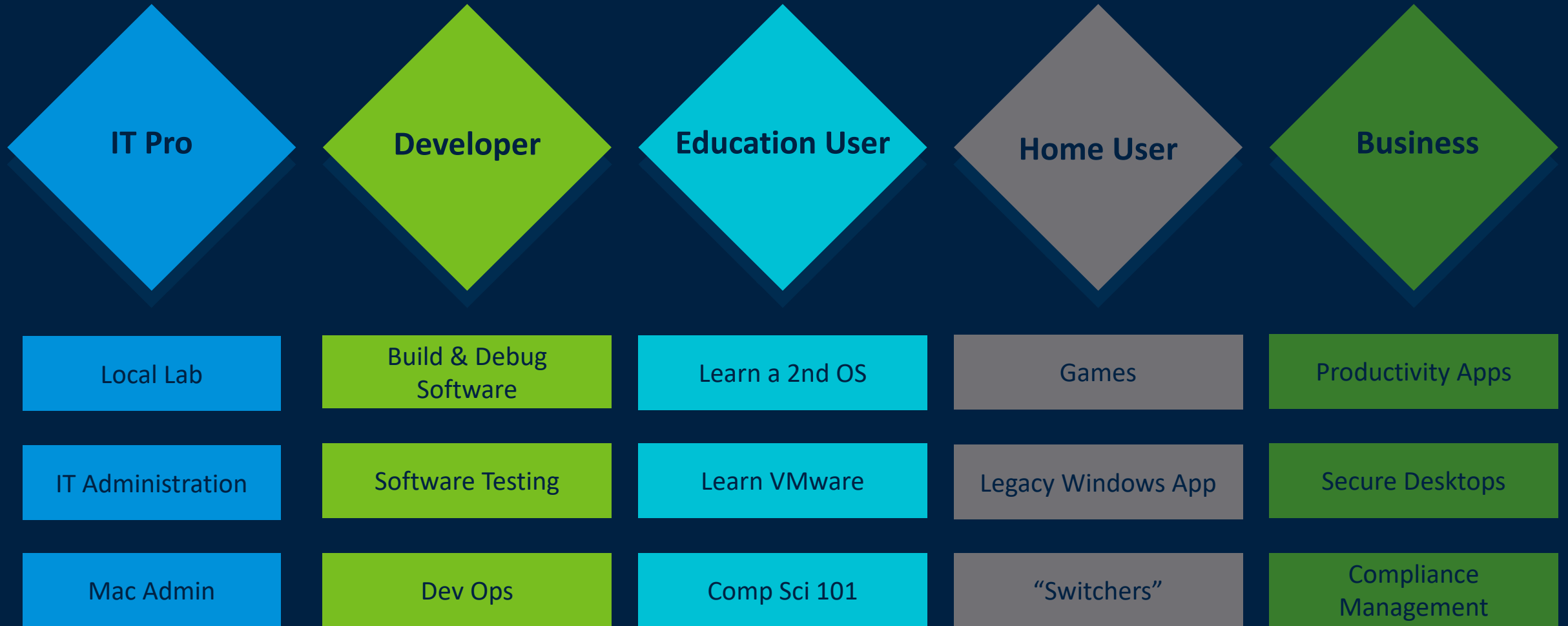


VMware Platform:
The Gurus

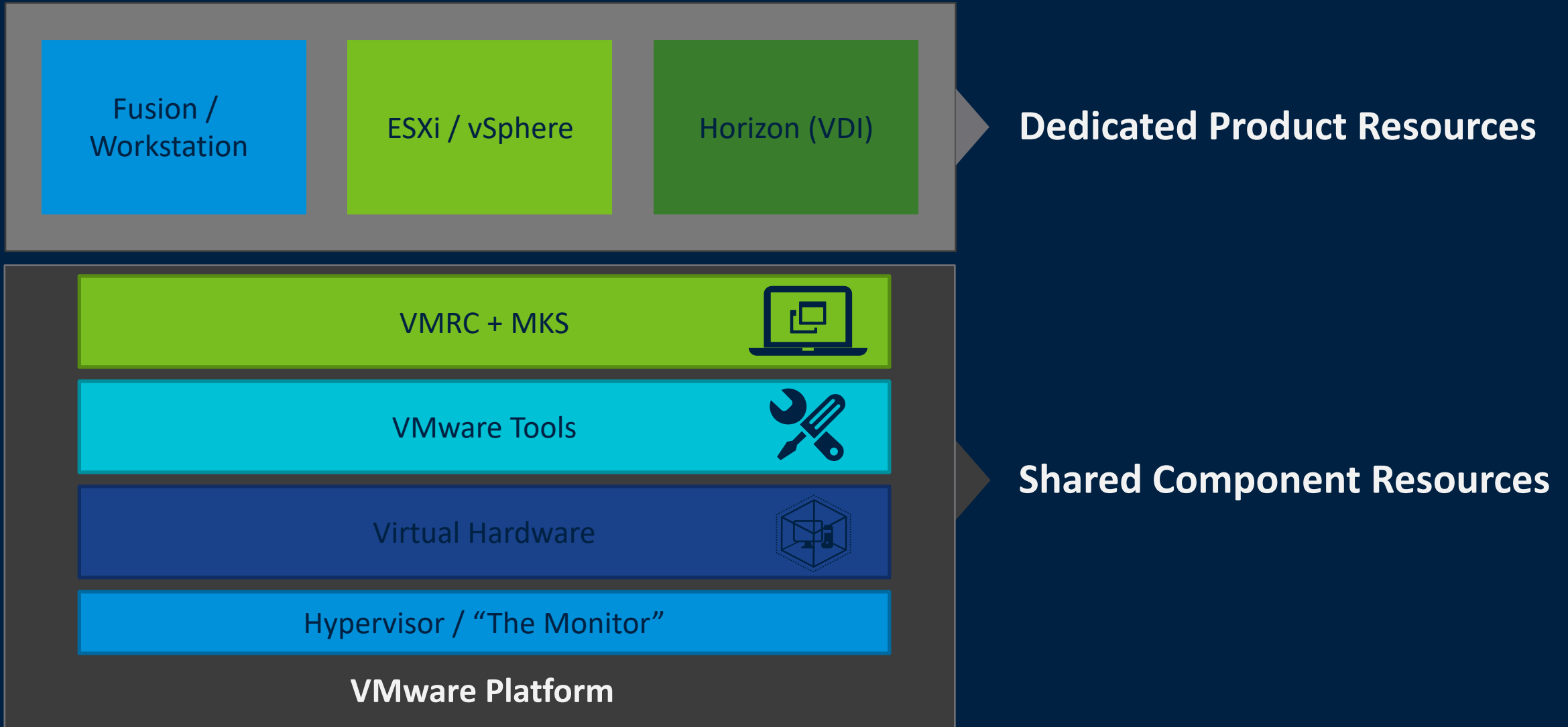


GSS:
**The Customer Champions
& Bug Hunters**

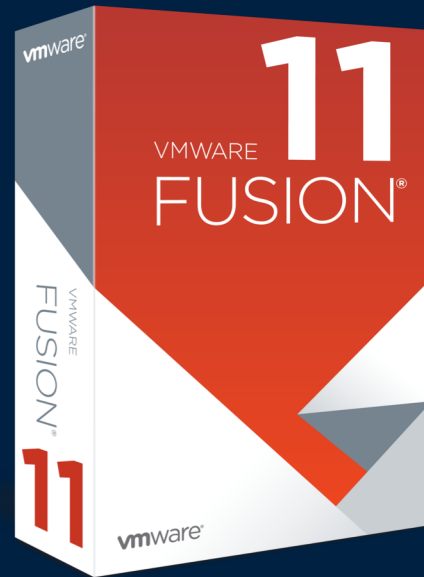
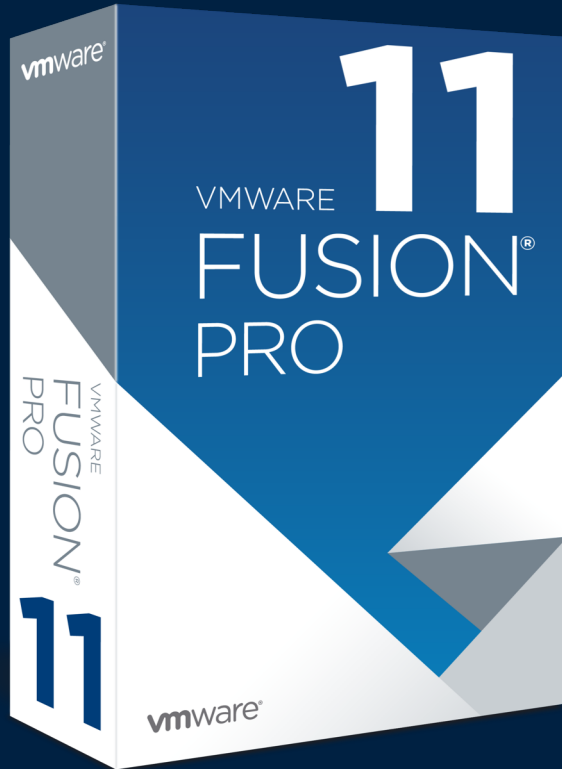
User Personas + Use Cases



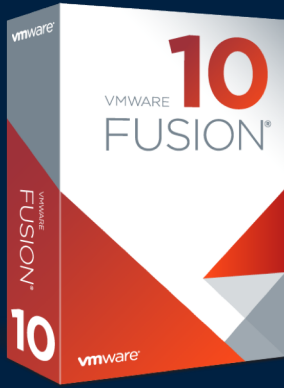
Building on top of the worlds leading hypervisor platform



VMware Fusion 11



- **Improved API** – Also available in Standard
- **All New Application Menu**
- **Improved Remote vSphere View** – Pro Only
- **New OS and Mac Support**
- **Improved User Interface**
- **DirectX 10.1 Graphics Support**
- **Advanced Feature** – One-Click SSH to VM



VMware Fusion 10

MS Win10 Fall Creators Update Support

macOS 10.13 Host & Guest Support

Microsoft VBS Support (Guest)

Apple “Metal” Host Renderer

Updated User Interface

Touch Bar Support

vSphere Hardware Version 14

Updated Migration Assistant

Updated New VM Wizard

Improved OVA Support

Virtual NVMe Device

UEFI Boot Support

An aerial photograph of a wind farm with several white wind turbines scattered across a green landscape. A large, semi-transparent green and blue overlay covers the top and left portions of the image. The text is positioned on the blue part of the overlay.

“I love Demos! And Windmills!”

A customer, probably.

Questions...

We have interest in depth coverage on using the rest api and other options to programmatically spin up & configure macOS, Windows and Linux VM's.

Also, we want to implement SCCM to manage our Windows VM, but we are distributing to two different types of environments students & staff/faculty.

- In student environments, we want to prevent modification of VM during student users session or at least globally shared VM in-between user sessions.
- In staff environment, we want to allow the user to make modifications via SCCM - Software Center and optional installs. and via automatic updates scheduled in SCCM.
- We wanted details on if others are programmatically detecting SCCM updates and unlocking the VM in a student lab environment. Or what options we have there.

Automating updating OS with “Nonpersistent” VMWare Fusion images?

- We have student labs where we want to distribute Windows 10 image that its updates are managed by SCCM or macOS 10.13/10.14 images managed by Jamf Pro that we want to automate switching the image to Persistent apply the agent updates and then switching it back to Nonpersistent.

Thank You!