TANIUM

Bare metal provisioning with Tanium

Tanium Provision reduces the need for dedicated hardware by enabling any Tanium Client to act as a PXE Service for that network segment.

The PXE service not only provides PXE capabilities on the network but also acts as a caching mechanism so that endpoints can retrieve the files that are needed including operating systems and drivers from a device on the local network.

Internet connected devices can boot from a USB device and retrieve all of the files from the Tanium Server and also join an Active Directory domain during installation.

Device provisioning with Tanium

Bare metal provisioning is a part of our overall device provisioning story with Tanium. Device provisioning includes the following:

- Bare metal provisioning of Windows and Linux using distrbuted PXE and USB devices
- Ongoing software updates, patching and operating system upgrades

There will always be a need to reimage existing systems or do a fresh install of an operating system, and Tanium is providing that capability through bare metal provisioning.

> "That's it?! This was so easy! I was expecting something a lot more complicated"

> "This is going to save us so much time provisioning remote locations. It takes us weeks to get a new distribution point set up and configured just so we can image 25 machines"

Key takeaways

- Image devices that are on-prem or Internet connected
- Dynamic PXE Service on any Windows, Linux, or macOS endpoint
- Automatic cache management on the PXE service

Tanium server(s) offline domain join service

PXE Service caching

On-Prem device PXE Boot: Retrive files from either the Tanium server or PXE service

Remote device USB Boot: Retrieves files from Tanium zone server

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