



Introduction To Foreman A Life-cycle Management Application

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What do you know about Foreman ?

What is Life Cycle Management ?

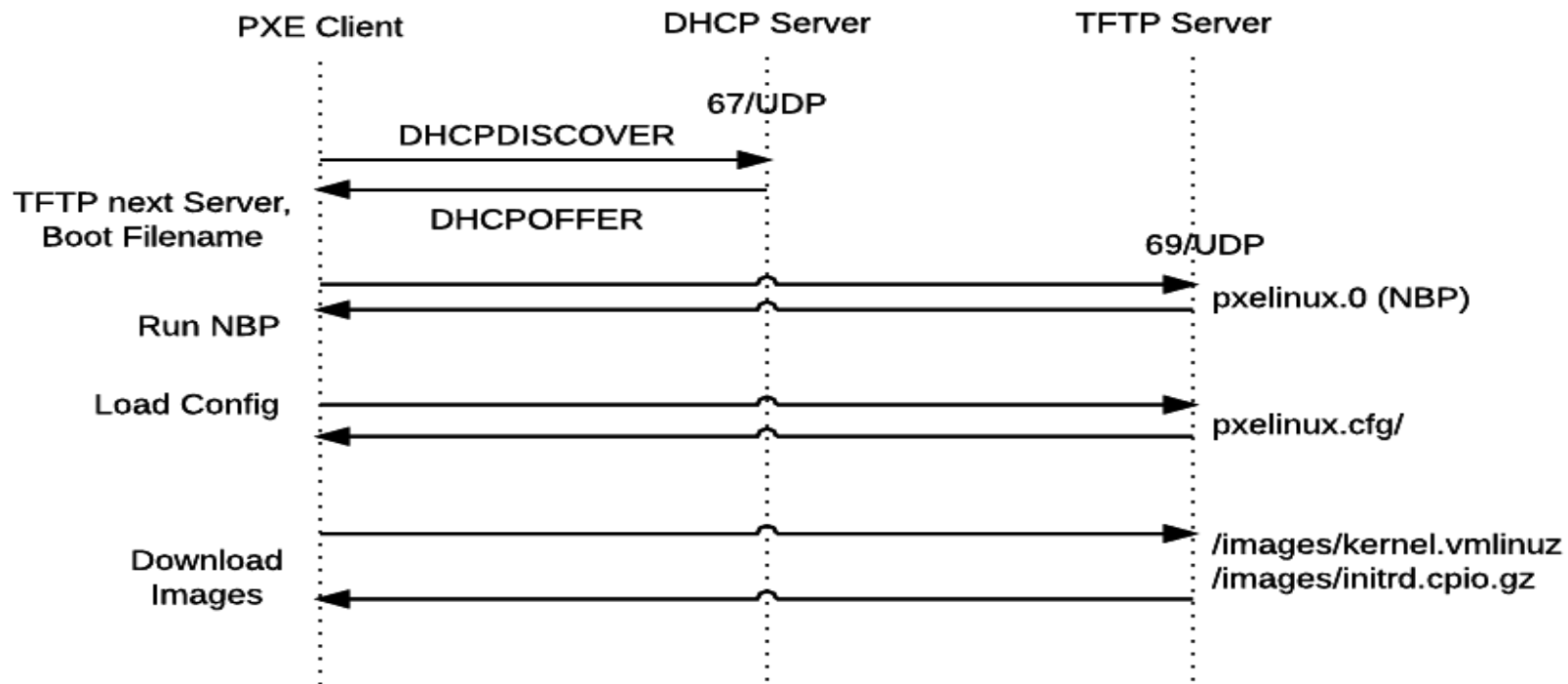
- Installation
- Management the state of system which could be packages, configuration or services
- Update, upgrade or decommission

Use cases of system installation ?

Installation

- Foreman supports both PXE and PXELess installations,
 - Installation using PXE. This requires DHCP, TFTP
 - Installation without PXE(PXELess)

PXE Installation



PXEless Installation

- Installation using Foreman bootdisks
- Installing with the help of Foreman Discovery

Use cases of system management ?

System Management

- Repositories
 - Supports yum, file, docker, puppet type repositories
- Service and/or Configuration Management
 - Has remote execution, Puppet, Ansible integration.
- Vulnerability or compliance management
 - Uses OpenScap, Red Hat Access Insights

Upgrade or decommission

- Upgrade system to next major release
- Reinstall system if required
- Fully decommission system and delete all associated resources

Where you can use Foreman ?

- Theoretically there is no limit on how many systems Foreman can manage, it can be deployed for small lab which has 5 systems to huge scale which has 50000 systems
- Bare Metal or Physical systems
- Virtual Systems
- AWS Cloud
- Google Compute Engine
- Microsoft Azure
- OpenStack

Any Questions ?

- Visit us <http://theforeman.org/>
- You can find us:
 - IRC: [#theforeman](irc://irc.freenode.net)
 - [#theforeman](#)
 - [#theforeman-dev](#)
- Reach out to us at Foreman discourse
 - <https://community.theforeman.org/>