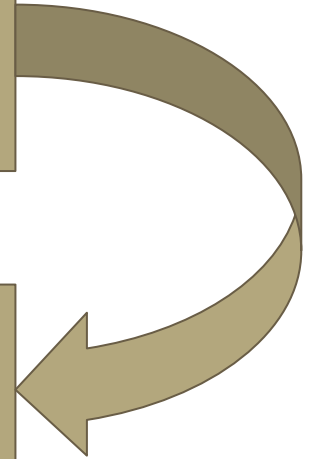
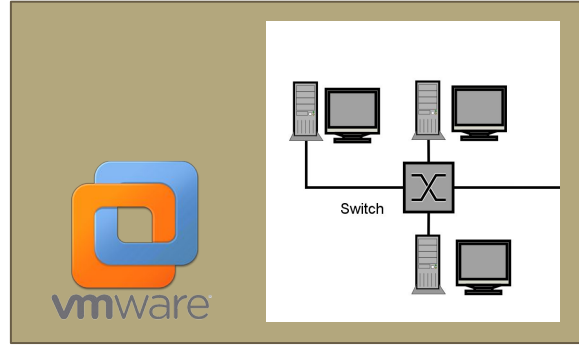
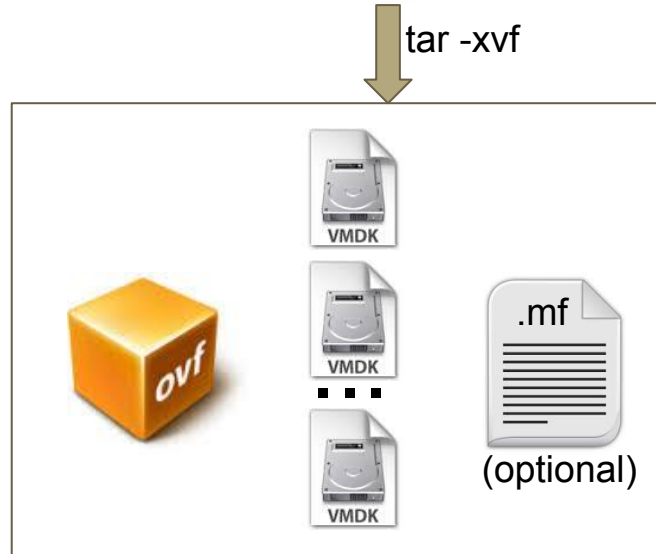
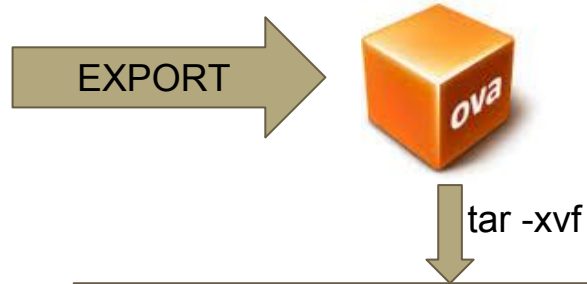
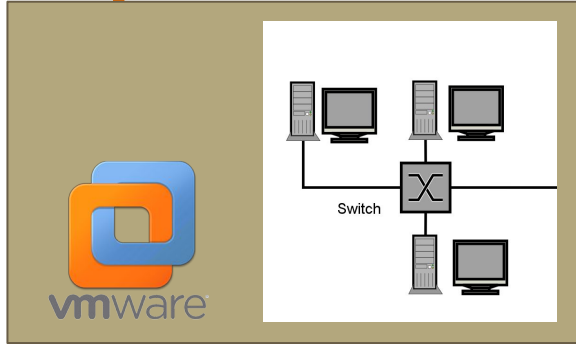

VM onboarding tool

— by Oleksii Serhiienko —

Abstract use case



Export local virtual infrastructure

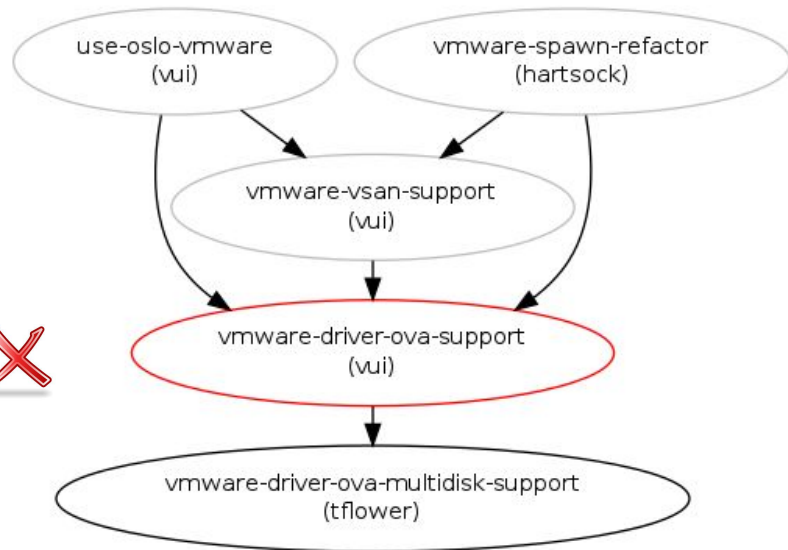


Openstack current statement:

- Blueprint: **VMware OVA support**

The blueprint propose to support spawning of an image of container format 'ova' and disk format 'vmdk'.

- What has been proposed:
 - Enable spawn from OVA image 
 - Enable create OVA images that contain multiple disk 



- Currently the statement is:
 - The feature is freezed since 10th Feb 2015

What do we propose:

- Importing OVA file to Openstack environment
- Multiple virtual disk support
- Spawning virtual machines
- Network structure import
- One click import

Architecture solution



Current statement

- Prototype version is done
- Openstack dashboard integration in progress

Future plans:

- Contribute this code into Openstack

DEMO

- Create two VMs contained .txt files
- Specify security rule for one VM
- Create a internal network between VMs
- Export OVA file
- Import OVA file with onboarding tool
- Check network and security rules
- Check .txt files on Openstack VMs