oVirt Roadmap

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Virtualization Management the oVirt way

Schedule

- oVirt 3.0:   02/12
- oVirt 3.1:   08/12
- Fedora 18:   12/12
- oVirt 3.2 beta: 11/12
- oVirt 3.2 GA: 12/12

Virtualization Management the oVirt way

Engine/vdsm Infra

- API – non admin api/sdk+

- Fedora 18 support*

- UI Plugins*

- Engine plugins

- Engine-vdsm json/amqp based messaging (and libvdsm)

- SDKs (Java, Ruby, etc.)

- Reports – integrated in web admin

- Bootstrap (pkcs#12+, miniyum+, cleanups)

- Localization (ja, es, fr, zh-Hans-CN, pt-BR)+

- Code cleanups, refactoring, unitests, etc

- Hibernate

- Tasks management

- Kerberos to api/ui

Virtualization Management the oVirt way

Network

- Sync network+

- nwfilter+

- Port mirroring+

- Network as a main tab*

- Network permissions*

- Quantum integration

- Network labels

- Security groups

- Ip allocations

- Private networks

- Network types (migration, storage, etc.)

Virtualization Management the oVirt way

Storage

- automatic storage domain upgrade+
- Storage live migration*
- Virtio-scsi*
- Storage offload
- live merge bi-directional
- Backup api
- Gluster storage domain
- Import disk/domain
- virt-resize/pv-resize

- SDM
- Mixed storage types
- Glance as an iso/export domain
- Connection management
- Repo engine

Virtualization Management the oVirt way

Virt

- CAC support*

- Instance type/flavors*

- expiring vms

- Hot plug cpu

- Hot plug memory

- Template versions

- Spice proxy

- ovirt-guest-agent for ubuntu

- Cloud-init (ip, ssh keypairs)

Virtualization Management the oVirt way

SLA

- Quotas+

- MOM integration*

  - Cpu/ram priority

  - Cpu/ram reservation

- Engine plugin – scheduling interface

- Host/guest tuned profiles

- Cloud HA/Heat

Virtualization Management the oVirt way

Packaging, Installer & Tools

- Live CD/usb edition*

- Hosted engine

- Ubuntu packaging

Virtualization Management the oVirt way

oVirt Node

- oVirt node plugins

- Software iSCSI Root Support

- Network Manager

  - Move away from using ifcfg scripts directly to using NM libraries

  - Depends on NetworkManager support for bridges, bonds, and vlans

- Stateless

  - Fix the limitations on swap and local storage domain

- UI Enhancements

  - Make code more re-usable to ease TUI Plugin design

  - Allow different size screens (currently only 80x20)

Gluster

- optimized for virt volume option+

- import existing cluster*

- Geo-replication*

- Support for asynchronous volume tasks*

- Configuration sync with Gluster CLI*

- UFO (Unified File and Object Storage)

- Management for Gluster Hooks

- Volume Performance Statistics

Virtualization Management the oVirt way

oVirt

THANK YOU !

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