oVirt Roadmap

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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
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
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.)
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
• 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 keypoints)
SLA

- Quotas+
- MOM integration*
  - Cpu/ram priority
  - Cpu/ram reservation
- Engine plugin – scheduling interface
- Host/guest tuned profiles
- Cloud HA/Heat
Packaging, Installer & Tools

- Live CD/usb edition*
- Hosted engine
- Ubuntu packaging
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
THANK YOU!

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