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가상화

Opensource VDI solutions

- RavadaVDI - https://ravada.upc.edu/
- flexVDI - https://flexvdi.com/

- Proxmox VS vmware 성능비교

KVM

- https://libvirt.org/formatdomain.html libvirt xml format document

- KVM - Management Tools
- KVM - Wok/kimchi Manager
- Nested Virtualization 설정
- Nested KVM
- KVM CLI 예제
- VirtualBMC (vbmc) 설정하기
- libvirt Network
- RHEL_CLOUD_QCOW_이미지_설정
- SPICE/VNC Listen Address 설정
- qemu-img create
- QCOW2 disk image mount
- QCOW2 disk image password 설정
- UEFI Secure boot in Libvirt
- KSM(Kernel Same-page Merging) disable
- PCI-Passthrough KVM
- PCI-Passthrough Problem
- Ryzen 5700G iGPU PCI-Passthrough

Windows KVM VirtIO Driver

- https://fedorapeople.org/groups/virt/virtio-win/direct-downloads/latest-virtio/
- https://www.linux-kvm.org/page/WindowsGuestDrivers/Download_Drivers
- https://docs.fedoraproject.org/en-US/quick-docs/creating-windows-virtual-machines-using-virtio-drivers/index.html
- https://github.com/virtio-win/virtio-win-pkg-scripts/

Proxmox

- Proxmox에서 VM의 CPU type을 'host'로 설정해야 하는 이유
- Remove Proxmox Subscription Notice
- KSM(Kernel Same-page Merging) disable

RHEV / oVirt

- RHEV / oVirt Shell CLI
- Red Hat Virtualization Life Cycle
- Host comaptibility matrix 호환성 표
- migration bandwidth 변경
- Internal User Management
- Storage Metadata Version
- RHEV 3.0 -> 4.1 Upgrade Process
- RHEV Upgrade live migration
- Host USB Passthrough to RHEV Guests
- VMs lost network connectivity after RHEL Hypervisor upgraded to 6.7
- 데이터 센터 제거 순서
- jboss engine heap size 변경
- RHV / oVirt 로그 수집 방법
- RHEV Upgrade 필요 버전
- Failed to mount /sysroot
- Failed to check for available updates on host<hostname> with message 'Command returned failure code 1 during SSH session 'root@<IP>'

RHEV 2.x

- RHEV 2.2 Server 채널
- RHEV 2.2 Desktop 채널
- RHEV 2.2/3.0 - 관리화면 접속시 Trust not granted 문제 해결방법
- RHEV 2.2 File 백업 스크립트
- RHEV 2.2 백업 / 복구 방법
- RHEV 2.2 설치 과정
- RHEV 2.2 인증서 만료 확인 및 갱신
- RHEV 2.2 -> 3.0 Manager Migrating

RHEV 3.x

- RHEV - Offline 설치 방법
- RHEV - Network QoS 설정
- RHEV - SelfHosted 또는 NFS마운트 상태에서 Host Reboot/Shutdown시 NFS Unmount 무한대기
- Hosted Engine change spec 스펙 변경하기
- Hypervisor SSH 접속설정
- RHEV 3.6 Backup / Restore
- RHEV 인증서 만료 관련
- 장애 판별 및 Fencing 상황
- RHEV Hot Swap / Hot Plug Support
- RHEV 3.x Upgrade
- RHEV Self-Hosted Backup/Restore
- RHEV 3.6 -> 4.0 Upgrade
- Master Storage domain 변경방법
- VM 상태 이상에 따른 처리방법
- Bare-Metal Hypervisor edit file to persist - 설정 영구적으로 변경하기

- RHEV 3.6 hosted-engine gateway 변경

RHV 4.x

- engine-config.properties
- There is no full backup available 오류 메시지 원인과 해결방법
- Failed to check for available updates on host 오류 메시지 원인과 해결방법
- Guest Agent 와 Driver 설치
- Hypervisor 설치시 kickstart script 에러 원인과 해결방법
- How to add additional vNICs to a hosted-engine VM in RHV 4.X
- RHV 4.x 인증서 갱신
- RHV 4.x vacuumdb command not found
- RHV 4.x Manager WebUI Port change

VMWARE

- VMWARE 에서 scsi_id 값이 나오지 않는경우 해결방법
- ESXi 에서 Nested Hypervisor를 구동하기 위한 설정
- VMWARE 부팅 POST화면 시간 설정
- ESXi fence_vmware_soap 설정법
- ESXi host patch/update
- ESXi Realtek Driver 추가 방법
- ESXi 암호 복잡성 설정
- RDM(Raw Device Mapping) 원시 장치 매핑
- ESXi에서 S.M.A.R.T 상태 확인
- ESXi에서 VM의 MAC Address변경
- ESXi 간 SSH/SCP 복사 활성화

HP

HP 서버 관련 VMware

- HP Microserver용 VMWare ESXi Download
- HP 서버용 vibsdepot
- https://x1fingers.asuscomm.com/wordpress/gen8-esxi-disk-performance-issue/
- B120i 드라이버 관련 설치 방법
- SPP HP Microserver Gen8 April 2017

Hyper-V

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