

Commands and Tasks		Commands and Tasks (cont)		SmartMon Tools		VIRSH	
Kernel Information	uname -sr	Gracefully shut down all guests	virsh list awk '{print \$2}' grep SRVID xargs -n1 virsh shutdown	Check Health	smartctl -H /dev/<DISK>	List all VMs	virsh list --all
	CPU Info		cat /proc/cpuinfo		Short Test	smartctl -t short /dev/<DISK>	Start a VM
	Memory Info		free -h	Check Results of Test		smartctl -a /dev/<DISK>	Stop a VM
	Reboots Info	last reboot	Get Serials		smartctl --info /dev/sda fgrep -i Serial	Undefine a VM	virsh undefine <VM-NAME>
List Block Devices	lsblk	Get Serials and Firmware		hdparm -I /dev/sd[a-d] grep 'Number\ Revision'	Define a VM	virsh define <PATH_TO_XML>	
Get BIOS settings	racadm get BIOS.SysProfile-Settings		Ceph	Ceph Health	Dump the configuration	virsh dumpxml <VM-NAME>	
Look for Attack Scripts	strings root/dos64 grep -i attack	List Ceph Disks	ceph-disk list				
	Look for Spam - Subjects	tcpdump -nn -i SRVID##### -A "dst port 25" grep -i subject	Setting 'noout'	DNS			
Dead Processes	ps aux awk '\$8 ~ /D/'	Removing 'noout'	ceph osd unset noout	Lookup records of domain	dig +answer <DOMAIN>		
Limit IOPS	virsh blkdeviotune SRVID##### sda -total_iops_sec=100	Fix Inconsistent PGs	ceph pg repair {id}	Look for A records of domain	dig +noall +answer <DOMAIN>		
Look for port in use	netstat -lp grep <PORT TO FIND>	Start Ceph OSD (Centos 6)	service ceph (start stop restart) osd.{id}	Reverse DNS of an IP	dig -X +noall +answer <IP-ADDRESS>		
	Add IPTables rules	iptables -I INPUT -s <YOUR_IP> -j ACCEPT	Start Ceph OSD (Centos 7)	systemctl (start stop restart) ceph-osd@{id}	Lookup domain information	whois <DOMAIN>	
Remove IPTables rules	iptables -D INPUT -s <YOUR_IP> -j ACCEPT	List down OSDs	ceph osd tree grep down	Lookup MX records	dig +noall +answer <DOMAIN> MX		
		Locate host of an OSD	ceph osd find {id}	Lookup TXT records	dig +noall +answer <DOMAIN> TXT		
				Lookup nameservers	dig +noall +answer <DOMAIN> NS		

LVM (cont)

**Deactive
a VG** `vgchange -a n <volume_group>.bak`

**Create
an LV** `lvcreate <volume_group> --name <new_lv_name> --size ##G`

**Remove
an LV
forcefully** `lvremove -f /dev/<volume_group>/<logical_volume>`



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