

Show system info on terminal login

system-info.sh

```
#!/bin/bash
echo -e "-----System Information-----"
echo -e "-----"
echo -e "Hostname:\t\t" `hostname`
echo -e "Uptime:\t\t\t" `uptime | awk '{print $3,$4}' | sed 's/,//`
echo -e "Manufacturer:\t\t" `cat /sys/class/dmi/id/chassis_vendor`
echo -e "Product Name:\t\t" `cat /sys/class/dmi/id/product_name`
echo -e "Version:\t\t\t" `cat /sys/class/dmi/id/product_version`
echo -e "Serial Number:\t\t" `cat /sys/class/dmi/id/product_serial`
echo -e "Machine Type:\t\t" `vserver=$(lscpu | grep Hypervisor | wc -l);
if [ $vserver -gt 0 ]; then echo "VM"; else echo "Physical"; fi`
echo -e "Operating System:\t" `hostnamectl | grep "Operating System" |
cut -d ' ' -f5-`
echo -e "Kernel:\t\t\t" `uname -r`
echo -e "Architecture:\t\t" `arch`
echo -e "Processor Name:\t\t" `awk -F ':' '/^model name/ {print $2}'
/proc/cpuinfo | uniq | sed -e 's/^[ \t]*//`
echo -e "Active User:\t\t" `w | cut -d ' ' -f1 | grep -v USER | xargs -
n1`
echo -e "System Main IP:\t\t" `hostname -I`
echo ""
echo -e "-----CPU/Memory Usage-----"
echo -e "-----"
echo -e "Memory Usage:\t" `free | awk '/Mem/{printf("%.2f%"),
$3/$2*100}`
echo -e "Swap Usage:\t" `free | awk '/Swap/{printf("%.2f%"),
$3/$2*100}`
echo -e "CPU Usage:\t" `cat /proc/stat | awk '/cpu/{printf("%.2f%\n"),
($2+$4)*100/($2+$4+$5)}' | awk '{print $0}' | head -1`
echo ""
echo -e "-----Disk Usage >80%-----"
echo -e "-----"
df -Ph | sed s/%//g | awk '{ if($5 > 80) print $0;}'
echo ""

echo -e "-----For WWN Details-----"
echo -e "-----"
vserver=$(lscpu | grep Hypervisor | wc -l)
if [ $vserver -gt 0 ]
then
echo "$(hostname) is a VM"
else
cat /sys/class/fc_host/host*/port_name
fi
echo ""
```

```
echo -e "-----Oracle DB Instances-----"
-----"
if id oracle >/dev/null 2>&1; then
/bin/ps -ef|grep pmon
then
else
echo "oracle user does not exist on $(hostname)"
fi
echo ""

if (( $(cat /etc/*-release | grep -w "Oracle|Red Hat|CentOS|Fedora" |
wc -l) > 0 ))
then
echo -e "-----Package Updates-----"
-----"
yum updateinfo summary | grep 'Security|Bugfix|Enhancement'
echo -e "-----"
-----"
else
echo -e "-----Package Updates-----"
-----"
cat /var/lib/update-notifier/updates-available
echo -e "-----"
-----"
fi
```

Mark it as executable, and run it via `.bashrc`

From:

<https://wiki.plecko.hr/> - **Eureka Moment**

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Last update: **2021/02/05 11:57**

