Chapter 1

Working with Virtual Machines

1.1 Introducing KVM Virtualization

There are some basic requirements for KVM Virtualization on a server:

1.1.1 CPU Virtualization Support

The CPU needs to be capable to support virtualization. This can be easily verified using the command:

```
1        grep -e "vmx|svm" /proc/cpuinfo
```

The presence of the `vmx` flag is the indication that the CPU supports Intel's VT-x virtualization. However, for AMD processors, the equivalent is `svm` indicating the presence of AMD's SVM technology.