

Salient of Features RHEL5:

### 1. 2.6x kernel (2.6.18)

- a. 'uname -a' returns OS/Kernel information

Note: 'uname -a' returns the following useful info:

1. OS – Linux
2. Fully Qualified Domain Name (FQDN)
3. Kernel version – 2.6.18...
  - a. 2.6 = major version
  - b. .18 = minor version
  - c. anything else after the minor version indicates that the kernel was patched by the distributor
4. Date and time that the kernel was compiled

### 2. Supports multiple versions:

- a. Basic – Red Hat Enterprise Linux Server
  - a1. supports 2 physical (Socket) CPUs
  - a2. Up to 4 virtual guests
- b. Advanced Platform
  - b1. supports unlimited physical CPUs
  - b2. supports unlimited virtual guests

Note: Virtualization limits pertain to the virtualization technology included with Red Hat Enterprise Linux. NOT third-party software (VMWare)

### 3. Supports the following platforms:

- a. Intel 32/64-bits
- b. AMD 32/64-bits
- c. IBM – POWER and z-series, S/390

Note: Memory limitation is based on hardware

### Common uses of the various versions of RHEL

#### 1. RHEL Basic Version

- a. File & Print

b. Web server

c. Infrastructure server (DHCP, DNS, Proxy, etc.)

## 2. RHEL Advanced Version

a. Application server (Apache Tomcat, JBOSS, Weblogic, WebSphere, etc.)

b. Database server (MySQL, PostgreSQL, Oracle, Ingres, etc.)

c. Clustering