Check if apache packages installed

RHEL/CENTOS
rpm -qa | grep httpd

Debian/Ubuntu
dpkg -l | grep apache

Package Management System

- **Automates software installation, configuration, upgrades, removal**
  - **dpkg** - Debian packaging system
    - Wrapped with Advanced Packaging Tool (APT)
  - **rpm** - originally Red Hat Linux packaging system
    - Wrapped with Yellowdog Updater, Modified (YUM)

Why Use Package Management?

- **Streamlined updates**
  - One or two commands
- **Other package managers exist.**
  - Consult documentation of distro to determine best option

NGINX vs Apache

Apache

- Configuration: XML syntax

- Distributed .htaccess files

- Dynamic content is natively processed with modules

- Static content is less efficient

- Caching and load balancing capabilities with modules

NGINX

- Configuration: C-like syntax

- Centralized location blocks

- Dynamic content requires external processing

- Static content is more efficient

- Native caching and load balancing capabilities

Why Choose NGINX?

- Its popularity is growing

- It's efficient

- It has consistent performance under heavy load

- It's easier to configure