Standard Installation Procedures for LAMP Stack on CentOS 7

1. System Upgrade

1. `yum -y update`

2. Install Required Software

1. `yum -y install git policycoreutils-python httpd mariadb mariadb-server php-mysql php-gd php-ldap php-odbc php-pear php-xml php-xmlrpc php-mbstring php-snmp php-soap curl curl-devel`

3. Setup MySQL Server

1. `mysql_secure_installation`

4. Start and Enable All Services

1. `systemctl enable httpd`
2. `systemctl enable mariadb`
3. `systemctl start httpd`
4. `systemctl start mariadb`

5. Open Firewall Ports

1. `firewall-cmd --permanent --zone=public --add-service=http`
2. `firewall-cmd --permanent --zone=public --add-service=https`
3. `firewall-cmd --permanent --zone=public --add-port=<ssh_port>/tcp`
4. `firewall-cmd --reload`

6. Change SSH Port

1. `vim /etc/ssh/sshd_config #and append 'Port <ssh_port>'`
2. `semanage port -a -t ssh_port_t -p tcp <ssh_port>`
3. `systemctl restart sshd`

7. Enable Shutdown Button

Edit `/etc/systemd/logind.conf` and uncomment the following 2 lines:

1. `PowerKeyIgnoreInhibited=no`
2. `HandlePowerKey=poweroff`

8. Reboot System

1. `reboot`

(HP MicroServer Only)

Edit `/etc/default/grub` and append `clocksource=hpet nolapic` to the end of `GRUB_CMDLINE_LINUX` variable.

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