STGApp and ProdApp server:- OS ---> Rocky Linux ( Redhate 9 ---- dnf works in dns )

systemctl stop httpd

tar -czvf /tmp/apache\_config\_backup.tar.gz /etc/httpd/conf/

cp -p /etc/php.ini /tmp/

tar -czvf /tmp/application\_backup.tar.gz /var/www/html/vhosts/aceaustillscom/html/

cat /etc/os-release

uname -r

dnf check-update

dnf makecache

dnf update -y

dnf list installed | grep kernel

reboot

uname -r

cat /var/log/dnf.log | tail -50

systemctl start httpd

systemctl status httpd

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STGDB and ProdDB servers:-

mysqldump -u root -p --all-databases > /tmp/mysql\_backup.sql

cp -p /etc/my.cnf /tmp/

systemctl stop mysqld

cat /etc/os-release

uname -r

dnf check-update

dnf makecache

dnf update -y

dnf list installed | grep kernel

reboot

uname -r

cat /var/log/dnf.log | tail -50

systemctl start mysqld

systemctl status mysqld

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DWprod server:-

systemctl stop httpd

systemctl stop mysqld

cat /etc/os-release

uname -r

dnf check-update

dnf makecache

dnf update -y

dnf list installed | grep kernel

reboot

uname -r

cat /var/log/dnf.log | tail -50

systemctl start mysqld

systemctl status mysqld

systemctl start httpd

systemctl status httpd

STG Server Patching:-

1 systemctl stop apache2

2 tar -czvf /backup/apache2\_config\_backup.tar.gz /etc/apache2/

3 tar -czvf /backup/php\_config\_backup.tar.gz /etc/php/

4 tar -czvf /backup/application\_backup.tar.gz /var/www/html/

5 tar -czvf /backup/mysql\_config\_backup.tar.gz /etc/mysql/

6 mysqldump -u root -p --all-databases > /backup/mysql\_backup.sql

7 systemctl stop mysql

8 copy backups to local machine through filezilla.

9 apt-mark hold mysql-client-8.0 mysql-client-core-8.0 mysql-server-8.0 mysql-server-core-8.0 mysql-server php-cli php-common php-curl php-gd php-mbstring php-mysql php-zip php8.1-cli php8.1-common php8.1-curl php8.1-fpm php8.1-gd php8.1-mbstring php8.1-opcache php8.1-readline php8.1-xml php8.1-zip php8.1 php8.3-cli php8.3-common php8.3-curl php8.3-gd php8.3-mbstring php8.3-mysql php8.3-opcache php8.3-readline php8.3-xml php8.3-zip php8.3

10 dpkg --get-selections | grep hold

11 apt update

12 apt upgrade -y

13 cat /var/run/reboot-required

14 reboot

15 systemctl start apache2

16 systemctl status apache2

17 systemctl start mysql

18 systemctl status mysql

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ProdDB Server Patching:-

1 tar -czvf /backup/mysql\_config\_backup.tar.gz /etc/mysql/

2 mysqldump -u root -p --all-databases > /backup/mysql\_backup.sql

3 copy backups to local machine through filezilla.

4 systemctl stop mysql

5 apt-mark hold mysql-client-8.0 mysql-client-core-8.0 mysql-server mysql-server-8.0 mysql-server-core-8.0

6 dpkg --get-selections | grep hold

7 apt update

8 apt upgrade -y

9 cat /var/run/reboot-required

10 reboot

11 systemctl start mysql

12 systemctl status mysql

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ProdApp Server Patching:-

1 systemctl stop apache2

2 tar -czvf /backup/apache2\_config\_backup.tar.gz /etc/apache2/

3 tar -czvf /backup/php\_config\_backup.tar.gz /etc/php/

4 tar -czvf /backup/application\_backup.tar.gz /var/www/html/

5 copy backups to local machine through filezilla.

6 apt-mark hold php-common php-curl php-gd php-mbstring php-mysql php-zip php8.1-cli php8.1-common php8.1-curl php8.1-fpm php8.1-gd php8.1-mbstring php8.1-opcache php8.1-readline php8.1-xml php8.1-zip php8.1 php8.3-cli php8.3-common php8.3-curl php8.3-gd php8.3-mbstring php8.3-mysql php8.3-opcache php8.3-readline php8.3-xml php8.3-zip php8.3

7 dpkg --get-selections | grep hold

8 apt update

9 apt upgrade -y

10 cat /var/run/reboot-required

11 reboot

12 systemctl start apache2

13 systemctl status apache2

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Switch beetwen php versions:- from 8.3 to 8.1

sudo update-alternatives --set php /usr/bin/php8.1

enable or disable different PHP versions with Apache using the following commands:-

Enable PHP 8.1 for Apache:

sudo a2dismod php8.3

sudo a2enmod php8.1

sudo systemctl restart apache2

Switch Back to PHP 8.3 for Apache:

sudo a2dismod php8.1

sudo a2enmod php8.3

sudo systemctl restart apache2

Check php version:-

php -v