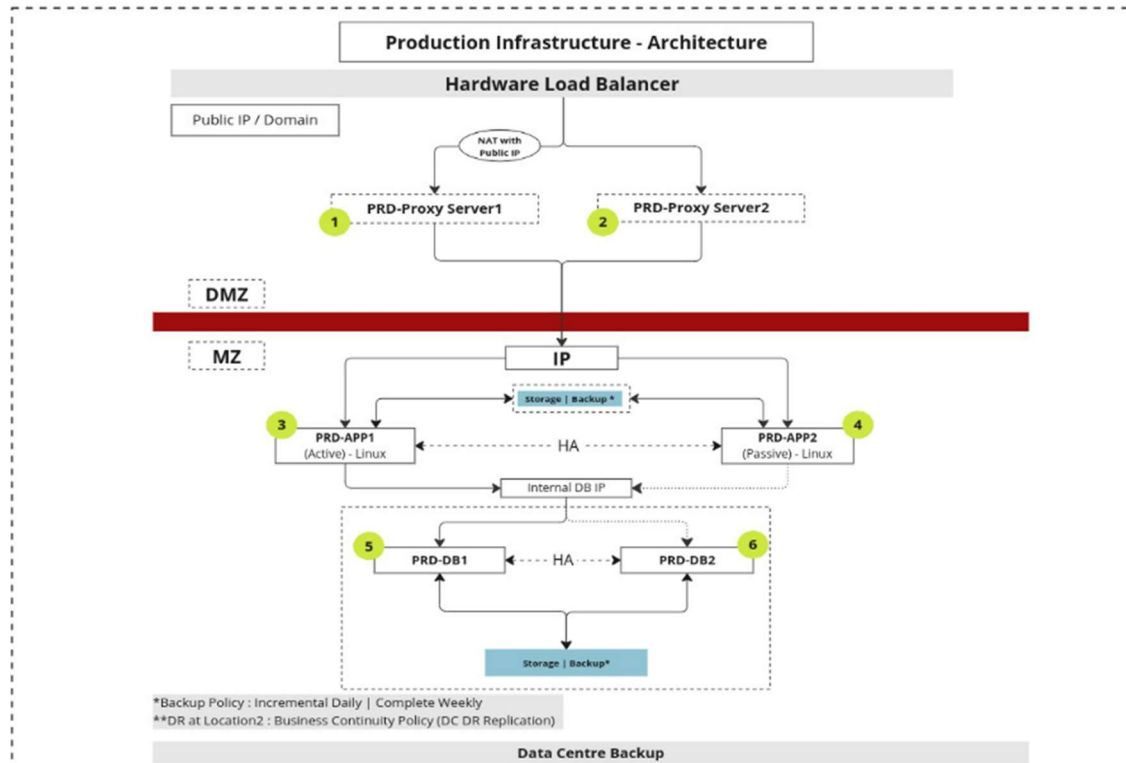


Production Architecture Diagram



Production Proxy Server1

APACHE PROXY SETUP:

apt upgrade

apt update -y

apt install apache2

systemctl enable --now apache2

Redirect.conf file - <https://del1.vultrobjects.com/deshwal/sify-prod/ProxyServer1/etc/apache2/sites-available/redirect.conf>

a2ensite redirect.conf

systemctl reload apache2

systemctl restart apache2

NOTE : If restart fail install required module

Reverse-proxy file - <https://del1.vultrobjects.com/deshwal/sify-prod/ProxyServer1/etc/apache2/sites-available/reverse-proxy.conf>
a2ensite [reverse-proxy.conf](#)

systemctl reload apache2

systemctl restart apache2

NOTE : If restart fail install required module

FIREWALLD SETUP:

apt install firewalld

systemctl enable --now firewalld

firewall-cmd --permanent --add-port=80/tcp

firewall-cmd --permanent --add-port=443/tcp

firewall-cmd --permanent --add-port=5666/tcp

firewall-cmd --reload

firewall-cmd --list-all

KEEPALIVED SETUP:

apt install -y keepalived haproxy

systemctl enable keepalived

systemctl start keepalived

keepalive link path - <https://del1.vultrobjects.com/deshwal/sify-prod/ProxyServer1/etc/keepalived/keepalived.conf/keepalived.conf>

systemctl restart keepalived.service

Production Proxy Server2

APACHE PROXY SETUP:

```
apt upgrade
apt update -y
apt install apache2
systemctl enable --now apache2
Redirect.conf file - https://del1.vultrobjects.com/deshwal/sify-prod/ProxyServer1/etc/apache2/sites-available/redirect.conf
```

```
a2ensite redirect.conf
systemctl reload apache2
systemctl restart apache2
NOTE : If restart fail install required module
Reverse-proxy file - https://del1.vultrobjects.com/deshwal/sify-prod/ProxyServer2/etc/apache2/sites-available/reverse-proxy.conf
```

```
a2ensite reverse-proxy.conf
systemctl reload apache2
systemctl restart apache2
NOTE : If restart fail install required module
```

FIREWALLD SETUP:

```
apt install firewalld
systemctl enable --now firewalld
firewall-cmd --permanent --add-port=80/tcp
firewall-cmd --permanent --add-port=443/tcp
firewall-cmd --permanent --add-port=5666/tcp
firewall-cmd --reload
firewall-cmd --list-all
```

Production PRD-App1

PROD APP1 apache setup:

Add code in /data disk it should look like /data/deshwal

Make soft link:

ln -s /data/deshwal /var/www/html/deshwal

chown -R root:root /var/www/html/deshwal/

chmod -R 2775 /var/www/html/deshwal/

echo "testing" > /var/www/html/deshwal/index.html

NOTE: edit db connection file.

apt upgrade

apt update -y

apt install apache2

systemctl enable --now apache2

App1 virtual host file -

<https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/etc/apache2/sites-available/erp.ditserv.com.conf>

a2ensite erp.ditserv.com.conf

systemctl reload apache2

systemctl restart apache2

NOTE : install required module.

PROD APP1 php setup:

apt install -y php8.1 php8.1-cli php8.1-common php8.1-mysql php8.1-xml php8.1-curl php8.1-mbstring php8.1-zip php8.1-gd php8.1-bcmath php8.1-soap php8.1-readline

Configuration file php.ini:

<https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/etc/php/8.1/apache2/php.ini>

systemctl restart apache2

PROD APP1 phpmyadmin setup:

```
wget -O /var/www/html/phpmyadmin.tar.gz https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/var/www/html/phpmyadmin.tar.gz/phpmyadmin.tar.gz
```

```
tar -xvzf /var/www/html/phpmyadmin.tar.gz  
chown -R root:root /var/www/html/phpmyadmin  
chmod -R 775 /var/www/html/deshwal/phpmyadmin
```

Add virtual host file:

```
https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/etc/apache2/sites-available/phpmyadmin.conf
```

NOTE : edit db configuration file for phpmyadmin.

File name - /var/www/html/phpmyadmin/config.inc.php

```
a2ensite phpmyadmin.conf  
systemctl reload apache2  
systemctl restart apache2
```

PROD APP1 jenkins setup:

```
apt install -y openjdk-17-jdk  
curl -fsSL https://pkg.jenkins.io/debian/jenkins.io-2023.key | sudo tee  
/usr/share/keyrings/jenkins-keyring.asc > /dev/null  
echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian  
binary/ | sudo tee /etc/apt/sources.list.d/jenkins.list > /dev/null  
apt update  
apt install -y jenkins  
systemctl enable jenkins  
systemctl start jenkins  
systemctl status jenkins  
cat /var/lib/jenkins/secrets/initialAdminPassword
```

Open link <http://<server-ip-address>:8080>

Install suggested plugins

Create freestyle project

```
mkdir -p /var/lib/jenkins/workspace/DeshwalNew/  
cd /var/lib/jenkins/workspace/DeshwalNew/  
chown -R jenkins:jenkins /var/lib/jenkins/workspace  
chown -R root:root /var/www/html/deshwal/
```

```
chmod -R 2775 /var/www/html/deshwal/  
usermod -aG root jenkins
```

FIREWALLD SETUP:

```
apt install firewalld  
systemctl enable --now firewalld  
firewall-cmd --permanent --add-port=8080/tcp  
firewall-cmd --permanent --add-port=80/tcp  
firewall-cmd --permanent --add-port=22/tcp  
firewall-cmd --reload  
firewall-cmd --list-all
```

Production PRD-App2

PROD APP2 apache setup:

```
mkdir -p /var/www/html/deshwal  
chown -R root:root /var/www/html/deshwal/  
chmod -R 2775 /var/www/html/deshwal/  
echo "testing" > /var/www/html/deshwal/index.html
```

NOTE: edit db connection file.

```
apt upgrade  
apt update -y  
apt install apache2  
systemctl enable --now apache2  
App1 virtual host file -  
https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/etc/apache2/sites-available/erp.ditserve.com.conf  
a2ensite erp.ditserve.com.conf  
systemctl reload apache2  
systemctl restart apache2
```

NOTE : install required module.

PROD APP2 php setup:

```
apt install -y php8.1 php8.1-cli php8.1-common php8.1-mysql php8.1-xml php8.1-curl php8.1-mbstring php8.1-zip php8.1-gd php8.1-bcmath php8.1-soap php8.1-readline
```

Configuration file php.ini:

<https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/etc/php/8.1/apache2/php.ini>

```
systemctl restart apache2
```

PROD APP2 phpmyadmin setup:

```
wget -O /var/www/html/phpmyadmin.tar.gz https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/var/www/html/phpmyadmin.tar.gz
```

```
tar -xvzf /var/www/html/phpmyadmin.tar.gz
chown -R root:root /var/www/html/phpmyadmin
chmod -R 775 /var/www/html/deshwal/phpmyadmin
```

Add virtul host file:

<https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/etc/apache2/sites-available/phpmyadmin.conf>

NOTE : edit db configuration file for phpmyadmin.

File name - /var/www/html/phpmyadmin/config.inc.php

```
a2ensite phpmyadmin.conf
systemctl reload apache2
systemctl restart apache2
```

PROD APP2 jenkins setup:

```
apt install -y openjdk-17-jdk
curl -fsSL https://pkg.jenkins.io/debian/jenkins.io-2023.key | sudo tee
/usr/share/keyrings/jenkins-keyring.asc > /dev/null
echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian
binary/ | sudo tee /etc/apt/sources.list.d/jenkins.list > /dev/null
apt update
apt install -y jenkins
systemctl enable jenkins
systemctl start jenkins
systemctl status jenkins
cat /var/lib/jenkins/secrets/initialAdminPassword
```

Open link <http://<server-ip-address>:8080>

Install suggested plugins

Create freestyle project

```
mkdir -p /var/lib/jenkins/workspace/DeshwalNew/
cd /var/lib/jenkins/workspace/DeshwalNew/
chown -R jenkins:jenkins /var/lib/jenkins/workspace
chown -R root:root /var/www/html/deshwal/
chmod -R 2775 /var/www/html/deshwal/
usermod -aG root jenkins
```

FIREWALLD SETUP:

```
apt install firewalld
systemctl enable --now firewalld
firewall-cmd --permanent --add-port=8080/tcp
firewall-cmd --permanent --add-port=80/tcp
firewall-cmd --permanent --add-port=22/tcp
firewall-cmd --reload
firewall-cmd --list-all
```

Production PRD-DB1

Mysql package installation:

```
apt upgrade
apt update
apt install -y mysql-server
service mysql start
```

Import configuration file:

<https://del1.vultrobjects.com/deshwal/sify-prod/PRD-DB1/etc/mysql/mysql.conf.d/mysqld.cnf>

Systemctl restart mysql

Mysql basic setup:

mysql_secure_installation

...

...

Press y|Y for Yes, any other key for No: n

...

...

Remove anonymous users? (Press y|Y for Yes, any other key for No) : y

...

...

Disallow root login remotely? (Press y|Y for Yes, any other key for No) : n

...

...

Remove test database and access to it? (Press y|Y for Yes, any other key for No) : y

...

...

Reload privilege tables now? (Press y|Y for Yes, any other key for No) : y

Mysql user create and privilege setup:

mysql

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'Root@123';
FLUSH PRIVILEGES;
EXIT;
```

```
CREATE USER 'root'@'%' IDENTIFIED BY 'Root@123';
```

```
GRANT ALL PRIVILEGES ON deshwal.* TO 'root'@'%';  
FLUSH PRIVILEGES;
```

Access Denied issue is resolved.

```
CREATE USER 'deshwal_erp'@'%' IDENTIFIED BY 'Root@123';  
GRANT ALL PRIVILEGES ON deshwal.* TO 'deshwal_erp'@'%';
```

```
-- Step 3: Apply changes  
FLUSH PRIVILEGES;
```

Create database deshwal:

```
CREATE DATABASE deshwal;  
FLUSH PRIVILEGES;
```

Ansible Playbook to setup GTID based replication:

```
- name: Configure MySQL Slave  
  hosts: db_slave  
  become: true  
  tasks:  
    - name: Ensure MySQL config supports GTID  
      blockinfile:  
        path: /etc/mysql/mysql.conf.d/mysqld.cnf  
        block: |  
          server-id = 2  
          log_bin = /var/log/mysql/mysql-bin.log  
          gtid_mode = ON  
          enforce_gtid_consistency = ON  
          binlog_do_db = deshwal  
          log_slave_updates = ON  
          read_only = ON  
          skip-networking = OFF  
          bind-address = 0.0.0.0  
  
    - name: Restart MySQL  
      service:  
        name: mysql  
        state: restarted  
  
    - name: Stop slave
```

```
mysql_query:  
login_user: root  
login_password: "Root@123"  
query: STOP SLAVE;
```

- name: Reset slave

```
mysql_query:  
login_user: root  
login_password: "Root@123"  
query: RESET SLAVE ALL;
```

- name: Change master to replicate from master

```
mysql_query:  
login_user: root  
login_password: "Root@123"  
query: >  
      CHANGE MASTER TO  
      MASTER_HOST='172.16.20.18',  
      MASTER_USER='replicator',  
      MASTER_PASSWORD='replica_pass',  
      MASTER_AUTO_POSITION=1;
```

- name: Start slave

```
mysql_query:  
login_user: root  
login_password: "Root@123"  
query: START SLAVE;
```

FIREWALLD SETUP:

```
apt install firewalld  
systemctl enable --now firewalld  
firewall-cmd --permanent --add-port=3306/tcp  
firewall-cmd --permanent --add-port=22/tcp  
firewall-cmd --reload  
firewall-cmd --list-all
```

Production PRD-DB2

Mysql package installation:

```
apt upgrade
apt update
apt install -y mysql-server
service mysql start
```

Import configuration file:

<https://del1.vultrobjects.com/deshwal/sify-prod/PRD-DB1/etc/mysql/mysql.conf.d/mysqld.cnf>

Systemctl restart mysql

Mysql basic setup:

```
mysql_secure_installation
```

```
...
```

```
...
```

```
Press y|Y for Yes, any other key for No: n
```

```
...
```

```
...
```

```
Remove anonymous users? (Press y|Y for Yes, any other key for No) : y
```

```
...
```

```
...
```

```
Disallow root login remotely? (Press y|Y for Yes, any other key for No) : n
```

```
...
```

```
...
```

```
Remove test database and access to it? (Press y|Y for Yes, any other key for No) : y
```

```
...
```

```
...
```

```
Reload privilege tables now? (Press y|Y for Yes, any other key for No) : y
```

Mysql user create and privilege setup:

```
mysql
```

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'Root@123';
FLUSH PRIVILEGES;
EXIT;
```

```
CREATE USER 'root'@'%' IDENTIFIED BY 'Root@123';  
GRANT ALL PRIVILEGES ON deshwal.* TO 'root'@'%';  
FLUSH PRIVILEGES;
```

Access Denied issue is resolved.

```
CREATE USER 'deshwal_erp'@'%' IDENTIFIED BY 'Root@123';  
GRANT ALL PRIVILEGES ON deshwal.* TO 'deshwal_erp'@'%';
```

```
-- Step 3: Apply changes  
FLUSH PRIVILEGES;
```

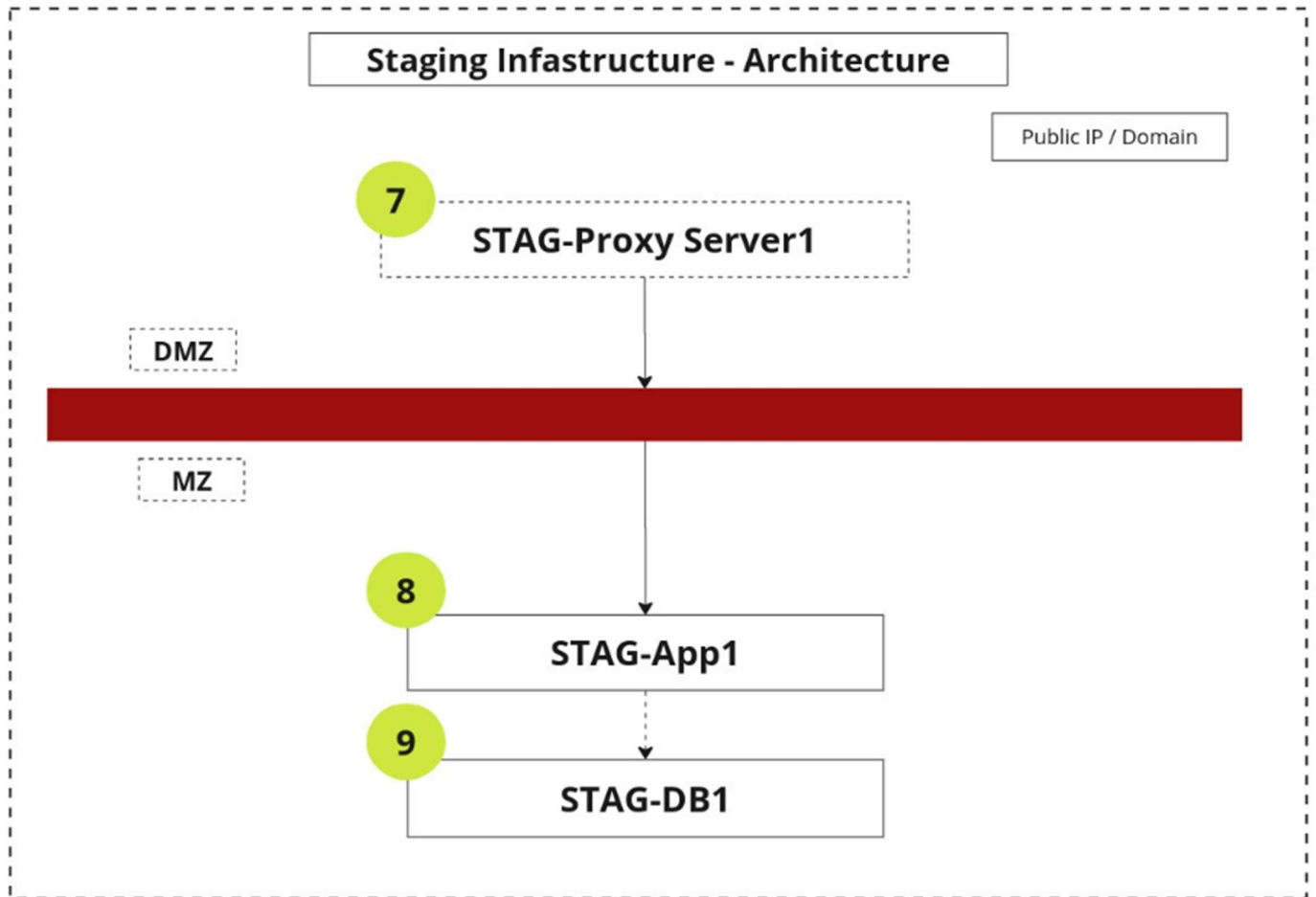
Create database deshwal:

```
CREATE DATABASE deshwal;  
FLUSH PRIVILEGES;
```

FIREWALLD SETUP:

```
apt install firewalld  
systemctl enable --now firewalld  
firewall-cmd --permanent --add-port=3306/tcp  
firewall-cmd --permanent --add-port=22/tcp  
firewall-cmd --reload  
firewall-cmd --list-all
```

Staging Architecture Diagram



Staging STG Proxy Server1

APACHE STAG PROXY SETUP:

```
apt upgrade
apt update -y
apt install apache2
systemctl enable --now apache2
Redirect.conf file - https://del1.vultrobjects.com/deshwal/sify-stag/STGProxyServer1/etc/apache2/sites-available/redirect.conf
a2ensite redirect.conf
systemctl reload apache2
systemctl restart apache2
NOTE : If restart fail install required module
```

```
Reverse-proxy file - https://del1.vultrobjects.com/deshwal/sify-stag/STGProxyServer1/etc/apache2/sites-available/reverse-proxy.conf
a2ensite reverse-proxy.conf
systemctl reload apache2
systemctl restart apache2
NOTE : If restart fail install required module
```

FIREWALLD SETUP:

```
apt install firewalld
systemctl enable --now firewalld
firewall-cmd --permanent --add-port=80/tcp
firewall-cmd --permanent --add-port=443/tcp
firewall-cmd --permanent --add-port=5666/tcp
firewall-cmd --reload
firewall-cmd --list-all
```

Staging STAG-App1

STAG APP1 apache setup:

```
mkdir -p /var/www/html/deshwal
chown -R root:root /var/www/html/deshwal/
chmod -R 2775 /var/www/html/deshwal/
echo "testing" > /var/www/html/deshwal/index.html
```

NOTE: edit db connection file.

```
apt upgrade
apt update -y
apt install apache2
systemctl enable --now apache2
App1 virtual host file -
https://del1.vultrobjects.com/deshwal/sify-stag/STAG-App1/etc/apache2/sites-available/stagerp.ditserv.com-le-ssl.conf
a2ensite stagerp.ditserv.com-le-ssl.conf
systemctl reload apache2
systemctl restart apache2
```

NOTE : install required module.

STAG APP1 php setup:

```
apt install -y php8.1 php8.1-cli php8.1-common php8.1-mysql php8.1-xml php8.1-curl php8.1-mbstring php8.1-zip php8.1-gd php8.1-bcmath php8.1-soap php8.1-readline
```

Configuration file php.ini:

<https://del1.vultrobjects.com/deshwal/sify-stag/STAG-App1/etc/php/8.1/apache2/php.ini>

```
systemctl restart apache2
```

STAG APP1 phpmyadmin setup:

```
wget -O /var/www/html/phpmyadmin.tar.gz https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/var/www/html/phpmyadmin.tar.gz/phpmyadmin.tar.gz
```

```
tar -xvzf /var/www/html/phpmyadmin.tar.gz  
chown -R root:root /var/www/html/phpmyadmin  
chmod -R 775 /var/www/html/deshwal/phpmyadmin
```

Add virtul host file:

```
https://del1.vultrobjects.com/deshwal/sify-prod/PRD-App1/etc/apache2/sites-available/phpmyadmin.conf
```

NOTE : edit db configuration file for phpmyadmin.

File name - /var/www/html/phpmyadmin/config.inc.php

```
a2ensite phpmyadmin.conf  
systemctl reload apache2  
systemctl restart apache2
```

STAG APP1 jenkins setup:

```
apt install -y openjdk-17-jdk  
curl -fsSL https://pkg.jenkins.io/debian/jenkins.io-2023.key | sudo tee  
/usr/share/keyrings/jenkins-keyring.asc > /dev/null  
echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian  
binary/ | sudo tee /etc/apt/sources.list.d/jenkins.list > /dev/null  
apt update  
apt install -y jenkins  
systemctl enable jenkins  
systemctl start jenkins  
systemctl status jenkins  
cat /var/lib/jenkins/secrets/initialAdminPassword
```

Open link <http://<server-ip-address>:8080>

Install suggested plugins

Create freestyle project

```
mkdir -p /var/lib/jenkins/workspace/DeshwalNew/  
cd /var/lib/jenkins/workspace/DeshwalNew/  
chown -R jenkins:jenkins /var/lib/jenkins/workspace  
chown -R root:root /var/www/html/deshwal/
```

```
chmod -R 2775 /var/www/html/deshwal/  
usermod -aG root jenkins
```

FIREWALLD SETUP:

```
apt install firewalld  
systemctl enable --now firewalld  
firewall-cmd --permanent --add-port=8080/tcp  
firewall-cmd --permanent --add-port=80/tcp  
firewall-cmd --permanent --add-port=22/tcp  
firewall-cmd --reload  
firewall-cmd --list-all
```

Staging STAG-DB1

Mysql package installation:

```
apt upgrade
apt update
apt install -y mysql-server
service mysql start
```

Import configuration file:

<https://del1.vultrobjects.com/deshwal/sify-stag/STAG-DB1/etc/mysql/mysql.conf.d/mysqld.cnf>

Systemctl restart mysql

Mysql basic setup:

```
mysql_secure_installation
```

```
...
```

```
...
```

```
Press y|Y for Yes, any other key for No: n
```

```
...
```

```
...
```

```
Remove anonymous users? (Press y|Y for Yes, any other key for No) : y
```

```
...
```

```
...
```

```
Disallow root login remotely? (Press y|Y for Yes, any other key for No) : n
```

```
...
```

```
...
```

```
Remove test database and access to it? (Press y|Y for Yes, any other key for No) : y
```

```
...
```

```
...
```

```
Reload privilege tables now? (Press y|Y for Yes, any other key for No) : y
```

Mysql user create and privilege setup:

```
mysql
```

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'Root@123';
FLUSH PRIVILEGES;
EXIT;
```

```
CREATE USER 'root'@'%' IDENTIFIED BY 'Root@123';  
GRANT ALL PRIVILEGES ON deshwal.* TO 'root'@'%';  
FLUSH PRIVILEGES;
```

Access Denied issue is resolved.

```
CREATE USER 'deshwal_erp'@'%' IDENTIFIED BY 'Root@123';  
GRANT ALL PRIVILEGES ON deshwal.* TO 'deshwal_erp'@'%';
```

```
-- Step 3: Apply changes  
FLUSH PRIVILEGES;
```

Create database deshwal:

```
CREATE DATABASE deshwal;  
FLUSH PRIVILEGES;
```

FIREWALLD SETUP:

```
apt install firewalld  
systemctl enable --now firewalld  
firewall-cmd --permanent --add-port=3306/tcp  
firewall-cmd --permanent --add-port=22/tcp  
firewall-cmd --reload  
firewall-cmd --list-all
```

Staging Live Activity

LIVE ACTIVITY DESHWAL TETRA DEVELOPMENT TO SIFY STAGING

OPEN JENKINS URL = <http://172.16.20.21:8080>

USERNAME - Tushar

PASSWORD - Kalyan123tush@r

Click on DeshwalNew

Click on build now

Click on refresh page

Login to server 172.16.20.21

ciuser ov5W0MbSNk

switch to root

ls and run ./deshwal_sync.sh

check software working properly

<https://stagerp.ditserv.com/admin/site/login>

admin

deep@341

go back to homepage

Production Live Activity

ON server 172.16.20.16

Login server:

Username and password in deshwal credentials tab:

chown -R root:root /var/www/html/deshwal/

chmod -R 2775 /var/www/html/deshwal/

LIVE ACTIVITY DESHWAL TETRA DEVELOPMENT TO SIFY Production

OPEN JENKINS URL = <http://172.16.20.16:8080>

USERNAME - Tushar

PASSWORD - Kalyan123tush@r

Click on DeshwalNew

Click on build now

Click on refresh page

Login to server 172.16.20.21

ciuser ov5W0MbSNk

switch to root

ls and run ./deshwal_sync_prdapp1.sh

check software working properly

<https://erp.ditserv.com/admin/site/login>

admin

deep@341

go back to homepage

P

ON server 172.16.20.17

Login server:

Username and password in deshwal credentials tab:

chown -R root:root /var/www/html/deshwal/

chmod -R 2775 /var/www/html/deshwal/

LIVE ACTIVITY DESHWAL TETRA DEVELOPMENT TO SIFY Production
OPEN JENKINS URL = <http://172.16.20.17:8080>

USERNAME - Tushar
PASSWORD - Kalyan123tush@r

Click on DeshwalNew
Click on build now
Click on refresh page

Login to server 172.16.20.21
ciuser ov5W0MbSNk
switch to root
ls and run ./deshwal_sync_prdapp2.sh

check software working properly
<https://erp.ditserv.com/admin/site/login>
admin
deep@341
go back to homepage
live activity

One Time Backup Tetra Side

Get access to sheet from Rakesh Sir -

https://docs.google.com/spreadsheets/d/1IWK76E77-dF_Sai3KjocdwvGZW0tBT5Jj7G1kmWVSe8/edit?pli=1&gid=377552803#gid=377552803

- 1) Refer subsheet - **backup deshwal one time tetra side.**

Backup Sify Side

Get access to sheet from Rakesh Sir –

https://docs.google.com/spreadsheets/d/1IWK76E77-dF_Sai3KjocdwvGZW0tBT5Jj7G1kmWVSe8/edit?pli=1&gid=377552803#gid=377552803

Ref sheet - Backup Deshwal SIFY side

Contact Number of Sify Deshwal Team

- 1) Akhilesh Sify - 8527566100
- 2) Darshna Sify - 6374886168
- 3) Basant deshwal - 8920336003

VPN Installation

VPN download link — <https://del1.vultrobjects.com/deshwal/forticlient-vpn/FortiClientVPNOnlineInstaller.exe>

- 1) SSLVPN Gateway IP – 1.6.38.130
- 2) Port # - 10443
- 3) VPN USERNAME -
- 4) VPN PASSWORD -

S.No	Email	Password
1	manish@tetrain.com	!Bluemonk@12
2	tushar@tetrain.com	!Bluemonk@12
3	deepika@tetrain.com	!Bluemonk@12
4	vinod@tetrain.com	!Bluemonk@12
5	ravinder.kumar@tetrain.com	!Bluemonk@12
6	kuldeep@tetrain.com	!Bluemonk@12
7	Arvinder.singh@dwmpl.com	!Bluemonk@12
8	D.J@ditserve.com	!Bluemonk@12
9	basant@ditserve.com	!Bluemonk@12

Deshwal Monitoring on Tetra Nagios

- 1) Open nagios server : nagios.tetrain.com
- 2) Open and add lines at end in below file
vi /usr/local/nagios/etc/objects/linux-box.cfg

```
define host{
    use          linux-server
    host_name    stagerp.ditserv.com
    alias        STAGERP Web Server
    address      202.191.129.173
    check_command    check_tcp!443
    hostgroups   Tetra Clients ; Host groups
}
```

```
define host{
    use          linux-server
    host_name    erp.ditserv.com
    alias        ERP Web Server
    address      202.191.129.171
    check_command    check_tcp!443
    hostgroups   Tetra Clients ; Host groups
}
```

- 3) Add file and add lines in below file:

vi /usr/local/nagios/etc/service/deshwal-erp.ditserv.com.cfg

```
##### prodproxy1 #####
define service {
    use          generic-service
    host_name    erp.ditserv.com
    service_description    check_erp_proxy1_root_disk
    check_command    check_erp_proxy1_root_disk
}
```

```
define service {
    use          generic-service
    host_name    erp.ditserv.com
```

```
    service_description    check_erp_proxy1_sshd_status
    check_command          check_erp_proxy1_sshd_status
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description    check_erp_proxy1_apache2_status
    check_command       check_erp_proxy1_apache2_status
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description    check_erp_proxy1_firewalld_status
    check_command       check_erp_proxy1_firewalld_status
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description    check_erp_proxy1_keepalived_status
    check_command       check_erp_proxy1_keepalived_status
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description    check_erp_proxy1_memmory
    check_command       check_erp_proxy1_memmory
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description    check_erp_proxy1_users
    check_command       check_erp_proxy1_users
}
```

```
define service {
    use                generic-service
```

```

    host_name      erp.ditserv.com
    service_description  check_erp_proxy1_load
    check_command   check_erp_proxy1_load
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_proxy1_zombie_procs
    check_command   check_erp_proxy1_zombie_procs
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_proxy1_total_procs
    check_command   check_erp_proxy1_total_procs
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_proxy1_http
    check_command   check_erp_proxy1_http
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_proxy1_website
    check_command   check_erp_proxy1_website
}

#define service {
#   use      generic-service
#   host_name      erp.ditserv.com
#   service_description  check_erp_proxy1_ssl_cert
#   check_command   check_erp_proxy1_ssl_cert
#}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_proxy1_ssl

```

```
    check_command      check_erp_proxy1_ssl
}
##### prodproxy2 #####
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_proxy2_sshd_status
    check_command check_erp_proxy2_sshd_status
}
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_proxy2_apache2_status
    check_command check_erp_proxy2_apache2_status
}
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_proxy2_firewalld_status
    check_command check_erp_proxy2_firewalld_status
}
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_proxy2_keepalived_status
    check_command check_erp_proxy2_keepalived_status
}
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_proxy2_memory
    check_command check_erp_proxy2_memory
}
```

```
define service {
```

```

    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_proxy2_root_disk
    check_command        check_erp_proxy2_root_disk
}

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_proxy2_users
    check_command        check_erp_proxy2_users
}

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_proxy2_load
    check_command        check_erp_proxy2_load
}

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_proxy2_zombie_procs
    check_command        check_erp_proxy2_zombie_procs
}

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_proxy2_total_procs
    check_command        check_erp_proxy2_total_procs
}

```

prodapp1

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_app1_sshd_status
    check_command        check_erp_app1_sshd_status
}

```

```
define service {
    use          generic-service
    host_name    erp.ditserv.com
    service_description  check_erp_app1_apache2_status
    check_command    check_erp_app1_apache2_status
}
```

```
define service {
    use          generic-service
    host_name    erp.ditserv.com
    service_description  check_erp_app1_firewalld_status
    check_command    check_erp_app1_firewalld_status
}
```

```
define service {
    use          generic-service
    host_name    erp.ditserv.com
    service_description  check_erp_app1_memory
    check_command    check_erp_app1_memory
}
```

```
define service {
    use          generic-service
    host_name    erp.ditserv.com
    service_description  check_erp_app1_root_disk
    check_command    check_erp_app1_root_disk
}
```

```
define service {
    use          generic-service
    host_name    erp.ditserv.com
    service_description  check_erp_app1_data_disk
    check_command    check_erp_app1_data_disk
}
```

```
define service {
    use          generic-service
    host_name    erp.ditserv.com
    service_description  check_erp_app1_backup_disk
    check_command    check_erp_app1_backup_disk
}
```

```
define service {
```



```

    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_app1_users
    check_command        check_erp_app1_users
}

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_app1_load
    check_command        check_erp_app1_load
}

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_app1_zombie_procs
    check_command        check_erp_app1_zombie_procs
}

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_app1_total_procs
    check_command        check_erp_app1_total_procs
}

```

```

##### prodapp2 #####

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_app2_sshd_status
    check_command        check_erp_app2_sshd_status
}

```

```

define service {
    use                generic-service
    host_name           erp.ditserv.com
    service_description check_erp_app2_apache2_status
    check_command        check_erp_app2_apache2_status
}

```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_app2_firewalld_status
    check_command       check_erp_app2_firewalld_status
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_app2_memory
    check_command       check_erp_app2_memory
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_app2_root_disk
    check_command       check_erp_app2_root_disk
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_app2_users
    check_command       check_erp_app2_users
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_app2_load
    check_command       check_erp_app2_load
}
```

```
define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_app2_zombie_procs
    check_command       check_erp_app2_zombie_procs
}
```

```
define service {
```

```

    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_app2_total_procs
    check_command       check_erp_app2_total_procs
}

```

```
##### proddb1 #####
```

```

define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_db1_sshd_status
    check_command       check_erp_db1_sshd_status
}

```

```

define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_db1_mysql_status
    check_command       check_erp_db1_mysql_status
}

```

```

define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_db1_firewalld_status
    check_command       check_erp_db1_firewalld_status
}

```

```

define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_db1_memory
    check_command       check_erp_db1_memory
}

```

```

define service {
    use                generic-service
    host_name          erp.ditserv.com
    service_description check_erp_db1_root_disk
    check_command       check_erp_db1_root_disk
}

```

```
}
```

```
define service {  
    use          generic-service  
    host_name     erp.ditserv.com  
    service_description  check_erp_db1_data_disk  
    check_command  check_erp_db1_data_disk  
}
```

```
define service {  
    use          generic-service  
    host_name     erp.ditserv.com  
    service_description  check_erp_db1_backup_disk  
    check_command  check_erp_db1_backup_disk  
}
```

```
define service {  
    use          generic-service  
    host_name     erp.ditserv.com  
    service_description  check_erp_db1_users  
    check_command  check_erp_db1_users  
}
```

```
define service {  
    use          generic-service  
    host_name     erp.ditserv.com  
    service_description  check_erp_db1_load  
    check_command  check_erp_db1_load  
}
```

```
define service {  
    use          generic-service  
    host_name     erp.ditserv.com  
    service_description  check_erp_db1_zombie_procs  
    check_command  check_erp_db1_zombie_procs  
}
```

```
define service {  
    use          generic-service  
    host_name     erp.ditserv.com  
    service_description  check_erp_db1_total_procs
```

```
    check_command      check_erp_db1_total_procs
}
##### proddb2 #####
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_db2_sshd_status
    check_command check_erp_db2_sshd_status
}
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_db2_mysql_status
    check_command check_erp_db2_mysql_status
}
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_db2_firewalld_status
    check_command check_erp_db2_firewalld_status
}
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_db2_memory
    check_command check_erp_db2_memory
}
```

```
define service {
    use          generic-service
    host_name     erp.ditserv.com
    service_description  check_erp_db2_root_disk
    check_command check_erp_db2_root_disk
}
```

```
define service {
    use          generic-service
```

```

    host_name      erp.ditserv.com
    service_description  check_erp_db2_data_disk
    check_command   check_erp_db2_data_disk
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_db2_backup_disk
    check_command   check_erp_db2_backup_disk
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_db2_users
    check_command   check_erp_db2_users
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_db2_load
    check_command   check_erp_db2_load
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_db2_zombie_procs
    check_command   check_erp_db2_zombie_procs
}

define service {
    use      generic-service
    host_name      erp.ditserv.com
    service_description  check_erp_db2_total_procs
    check_command   check_erp_db2_total_procs
}

```

4) Add file and add lines in below file:

```

vi /usr/local/nagios/etc/service/deshwal-stagerp.ditserv.com.cfg
##### stage-proxy1 #####
define service {
    use          generic-service
    host_name     stagerp.ditserv.com
    service_description  check_stagerp_proxy1_root_disk
    check_command  check_stagerp_proxy1_root_disk
}

define service {
    use          generic-service
    host_name     stagerp.ditserv.com
    service_description  check_stagerp_proxy1_sshd_status
    check_command  check_stagerp_proxy1_sshd_status
}

define service {
    use          generic-service
    host_name     stagerp.ditserv.com
    service_description  check_stagerp_proxy1_apache2_status
    check_command  check_stagerp_proxy1_apache2_status
}

define service {
    use          generic-service
    host_name     stagerp.ditserv.com
    service_description  check_stagerp_proxy1_firewalld_status
    check_command  check_stagerp_proxy1_firewalld_status
}

#define service {
#   use          generic-service
#   host_name     stagerp.ditserv.com
#   service_description  check_stagerp_proxy1_keepalived_status
#   check_command  check_stagerp_proxy1_keepalived_status
#}

define service {
    use          generic-service

```

```

    host_name          stagerp.ditserv.com
    service_description check_stagerp_proxy1_memmmory
    check_command       check_stagerp_proxy1_memmmory
}

define service {
    use          generic-service
    host_name    stagerp.ditserv.com
    service_description check_stagerp_proxy1_users
    check_command check_stagerp_proxy1_users
}

define service {
    use          generic-service
    host_name    stagerp.ditserv.com
    service_description check_stagerp_proxy1_load
    check_command check_stagerp_proxy1_load
}

define service {
    use          generic-service
    host_name    stagerp.ditserv.com
    service_description check_stagerp_proxy1_zombie_procs
    check_command check_stagerp_proxy1_zombie_procs
}

define service {
    use          generic-service
    host_name    stagerp.ditserv.com
    service_description check_stagerp_proxy1_total_procs
    check_command check_stagerp_proxy1_total_procs
}

define service {
    use          generic-service
    host_name    stagerp.ditserv.com
    service_description check_stagerp_proxy1_http
    check_command check_stagerp_proxy1_http
}

define service {
    use          generic-service
    host_name    stagerp.ditserv.com
    service_description check_stagerp_proxy1_website

```



```

    check_command      check_stagerp_proxy1_website
}

#define service {
#   use                generic-service
#   host_name          stagerp.ditserv.com
#   service_description check_stagerp_proxy1_ssl_cert
#   check_command      check_stagerp_proxy1_ssl_cert
#}

define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_proxy1_ssl
    check_command      check_stagerp_proxy1_ssl
}
##### stagapp1 #####

define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_app1_sshd_status
    check_command      check_stagerp_app1_sshd_status
}

define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_app1_apache2_status
    check_command      check_stagerp_app1_apache2_status
}

define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_app1_firewalld_status
    check_command      check_stagerp_app1_firewalld_status
}

define service {
    use                generic-service
    host_name          stagerp.ditserv.com

```

```

    service_description    check_stagerp_app1_memory
    check_command          check_stagerp_app1_memory
}

define service {
    use                    generic-service
    host_name              stagerp.ditserv.com
    service_description    check_stagerp_app1_root_disk
    check_command          check_stagerp_app1_root_disk
}
#define service {
#   use                    generic-service
#   host_name              stagerp.ditserv.com
#   service_description    check_stagerp_app1_data_disk
#   check_command          check_stagerp_app1_data_disk
#}
#define service {
#   use                    generic-service
#   host_name              stagerp.ditserv.com
#   service_description    check_stagerp_app1_backup_disk
#   check_command          check_stagerp_app1_backup_disk
#}

define service {
    use                    generic-service
    host_name              stagerp.ditserv.com
    service_description    check_stagerp_app1_users
    check_command          check_stagerp_app1_users
}

define service {
    use                    generic-service
    host_name              stagerp.ditserv.com
    service_description    check_stagerp_app1_load
    check_command          check_stagerp_app1_load
}

define service {
    use                    generic-service
    host_name              stagerp.ditserv.com
    service_description    check_stagerp_app1_zombie_procs
    check_command          check_stagerp_app1_zombie_procs
}

```

```
define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_app1_total_procs
    check_command       check_stagerp_app1_total_procs
}
```

stage-db1

```
define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_db1_sshd_status
    check_command       check_stagerp_db1_sshd_status
}
```

```
define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_db1_mysql_status
    check_command       check_stagerp_db1_mysql_status
}
```

```
define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_db1_firewalld_status
    check_command       check_stagerp_db1_firewalld_status
}
```

```
define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_db1_memory
    check_command       check_stagerp_db1_memory
}
```

```
define service {
    use                generic-service
    host_name          stagerp.ditserv.com
    service_description check_stagerp_db1_root_disk
    check_command       check_stagerp_db1_root_disk
}
```

```
}
```

```
#define service {  
#   use          generic-service  
#   host_name     stagerp.ditserv.com  
#   service_description  check_stagerp_db1_data_disk  
#   check_command  check_stagerp_db1_data_disk  
#}
```

```
#define service {  
#   use          generic-service  
#   host_name     stagerp.ditserv.com  
#   service_description  check_stagerp_db1_backup_disk  
#   check_command  check_stagerp_db1_backup_disk  
#}
```

```
define service {  
    use          generic-service  
    host_name     stagerp.ditserv.com  
    service_description  check_stagerp_db1_users  
    check_command  check_stagerp_db1_users  
}
```

```
define service {  
    use          generic-service  
    host_name     stagerp.ditserv.com  
    service_description  check_stagerp_db1_load  
    check_command  check_stagerp_db1_load  
}
```

```
define service {  
    use          generic-service  
    host_name     stagerp.ditserv.com  
    service_description  check_stagerp_db1_zombie_procs  
    check_command  check_stagerp_db1_zombie_procs  
}
```

```
define service {  
    use          generic-service  
    host_name     stagerp.ditserv.com  
    service_description  check_stagerp_db1_total_procs
```

```
    check_command      check_stagerp_db1_total_procs
}
```

5) edit file and add lines in below file:

```
vim /usr/local/nagios/etc/objects/commands.cfg
```

```
# ---- ERP proxy1 specific commands ----
```

```
define command {
    command_name  check_erp_proxy1_sshd_status
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_sshd_status
}
```

```
define command {
    command_name  check_erp_proxy1_apache2_status
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_apache2_status
}
```

```
define command {
    command_name  check_erp_proxy1_firewalld_status
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_firewalld_status
}
```

```
define command {
    command_name  check_erp_proxy1_keepalived_status
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_keepalived_status
}
```

```
define command {
    command_name  check_erp_proxy1_memmory
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_memmory
}
```

```
define command {
```

```
    command_name  check_erp_proxy1_root_disk
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_root_disk
}
```

```
define command {
    command_name  check_erp_proxy1_users
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_users
}
```

```
define command {
    command_name  check_erp_proxy1_load
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_load
}
```

```
define command {
    command_name  check_erp_proxy1_zombie_procs
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_zombie_procs
}
```

```
define command {
    command_name  check_erp_proxy1_total_procs
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_total_procs
}
```

```
define command {
    command_name  check_erp_proxy1_http
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_http
}
```

```
define command {
    command_name  check_erp_proxy1_website
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy1_website
}
```

```
#define command {
#  command_name  check_erp_proxy1_ssl_cert
```

```
# command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_proxy1_ssl_cert  
#}
```

```
define command {  
    command_name check_erp_proxy1_ssl  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_proxy1_ssl  
}  
# ---- ERP proxy2 specific commands ----
```

```
define command {  
    command_name check_erp_proxy2_sshd_status  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_proxy2_sshd_status  
}
```

```
define command {  
    command_name check_erp_proxy2_apache2_status  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_proxy2_apache2_status  
}
```

```
define command {  
    command_name check_erp_proxy2_firewalld_status  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_proxy2_firewalld_status  
}
```

```
define command {  
    command_name check_erp_proxy2_keepalived_status  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_proxy2_keepalived_status  
}
```

```
define command {  
    command_name check_erp_proxy2_memory  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_proxy2_memory  
}
```

```
define command {
    command_name    check_erp_proxy2_root_disk
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy2_root_disk
}
```

```
define command {
    command_name    check_erp_proxy2_load
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy2_load
}
```

```
define command {
    command_name    check_erp_proxy2_users
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy2_users
}
```

```
define command {
    command_name    check_erp_proxy2_zombie_procs
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy2_zombie_procs
}
```

```
define command {
    command_name    check_erp_proxy2_total_procs
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_proxy2_total_procs
}
# ---- ERP app1 specific commands ----
```

```
define command {
    command_name    check_erp_app1_sshd_status
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_app1_sshd_status
}
```

```
define command {
    command_name    check_erp_app1_apache2_status
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_app1_apache2_status
}
```



```
define command {  
    command_name    check_erp_app1_firewalld_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_firewalld_status  
}
```

```
define command {  
    command_name    check_erp_app1_memory  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_memory  
}
```

```
define command {  
    command_name    check_erp_app1_root_disk  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_root_disk  
}
```

```
define command {  
    command_name    check_erp_app1_data_disk  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_data_disk  
}
```

```
define command {  
    command_name    check_erp_app1_backup_disk  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_backup_disk  
}
```

```
define command {  
    command_name    check_erp_app1_load  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_load  
}
```

```
define command {  
    command_name    check_erp_app1_users  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_users  
}
```

```
}
```

```
define command {  
    command_name    check_erp_app1_zombie_procs  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_zombie_procs  
}
```

```
define command {  
    command_name    check_erp_app1_total_procs  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app1_total_procs  
}
```

```
# ---- ERP app2 specific commands ----
```

```
define command {  
    command_name    check_erp_app2_sshd_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app2_sshd_status  
}
```

```
define command {  
    command_name    check_erp_app2_apache2_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app2_apache2_status  
}
```

```
define command {  
    command_name    check_erp_app2_firewalld_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app2_firewalld_status  
}
```

```
define command {  
    command_name    check_erp_app2_memory  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_app2_memory  
}
```

```
define command {
```

```
    command_name  check_erp_app2_root_disk
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_app2_root_disk
}
```

```
define command {
    command_name  check_erp_app2_load
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_app2_load
}
```

```
define command {
    command_name  check_erp_app2_users
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_app2_users
}
```

```
define command {
    command_name  check_erp_app2_zombie_procs
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_app2_zombie_procs
}
```

```
define command {
    command_name  check_erp_app2_total_procs
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_app2_total_procs
}
```

---- ERP db1 specific commands ----

```
define command {
    command_name  check_erp_db1_sshd_status
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db1_sshd_status
}
```

```
define command {
    command_name  check_erp_db1_mysql_status
    command_line  /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db1_mysql_status
}
```

```
define command {  
    command_name    check_erp_db1_firewalld_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_firewalld_status  
}
```

```
define command {  
    command_name    check_erp_db1_memory  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_memory  
}
```

```
define command {  
    command_name    check_erp_db1_root_disk  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_root_disk  
}
```

```
define command {  
    command_name    check_erp_db1_data_disk  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_data_disk  
}
```

```
define command {  
    command_name    check_erp_db1_backup_disk  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_backup_disk  
}
```

```
define command {  
    command_name    check_erp_db1_load  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_load  
}
```

```
define command {  
    command_name    check_erp_db1_users  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_users  
}
```

```
define command {  
    command_name    check_erp_db1_zombie_procs  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_zombie_procs  
}
```

```
define command {  
    command_name    check_erp_db1_total_procs  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db1_total_procs  
}
```

---- ERP db2 specific commands ----

```
define command {  
    command_name    check_erp_db2_sshd_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db2_sshd_status  
}
```

```
define command {  
    command_name    check_erp_db2_mysql_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db2_mysql_status  
}
```

```
define command {  
    command_name    check_erp_db2_firewalld_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db2_firewalld_status  
}
```

```
define command {  
    command_name    check_erp_db2_memory  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_erp_db2_memory  
}
```

```
define command {
```

```
    command_name    check_erp_db2_root_disk
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db2_root_disk
}
```

```
define command {
    command_name    check_erp_db2_data_disk
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db2_data_disk
}
```

```
define command {
    command_name    check_erp_db2_backup_disk
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db2_backup_disk
}
```

```
define command {
    command_name    check_erp_db2_load
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db2_load
}
```

```
define command {
    command_name    check_erp_db2_users
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db2_users
}
```

```
define command {
    command_name    check_erp_db2_zombie_procs
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db2_zombie_procs
}
```

```
define command {
    command_name    check_erp_db2_total_procs
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_erp_db2_total_procs
}
```

```
# ---- stageERP proxy1 specific commands ----
```

```
define command {  
    command_name    check_stagerp_proxy1_sshd_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_proxy1_sshd_status  
}
```

```
define command {  
    command_name    check_stagerp_proxy1_apache2_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_proxy1_apache2_status  
}
```

```
define command {  
    command_name    check_stagerp_proxy1_firewalld_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_proxy1_firewalld_status  
}
```

```
#define command {  
#    command_name    check_stagerp_proxy1_keepalived_status  
#    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_proxy1_keepalived_status  
#}
```

```
define command {  
    command_name    check_stagerp_proxy1_memmemory  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_proxy1_memmemory  
}
```

```
define command {  
    command_name    check_stagerp_proxy1_root_disk  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_proxy1_root_disk  
}
```

```
define command {  
    command_name    check_stagerp_proxy1_users  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_proxy1_users  
}
```

```
define command {
    command_name    check_stagerp_proxy1_load
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_proxy1_load
}
```

```
define command {
    command_name    check_stagerp_proxy1_zombie_procs
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_proxy1_zombie_procs
}
```

```
define command {
    command_name    check_stagerp_proxy1_total_procs
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_proxy1_total_procs
}
```

```
define command {
    command_name    check_stagerp_proxy1_http
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_proxy1_http
}
```

```
define command {
    command_name    check_stagerp_proxy1_website
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_proxy1_website
}
```

```
#define command {
#  command_name    check_stagerp_proxy1_ssl_cert
#  command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_proxy1_ssl_cert
#}
```

```
define command {
    command_name    check_stagerp_proxy1_ssl
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_proxy1_ssl
}
```

```
# ---- STAGERP app1 specific commands ----
```



```
define command {  
    command_name    check_stagerp_app1_sshd_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_sshd_status  
}
```

```
define command {  
    command_name    check_stagerp_app1_apache2_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_apache2_status  
}
```

```
define command {  
    command_name    check_stagerp_app1_firewalld_status  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_firewalld_status  
}
```

```
define command {  
    command_name    check_stagerp_app1_memory  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_memory  
}
```

```
define command {  
    command_name    check_stagerp_app1_root_disk  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_root_disk  
}
```

```
#define command {  
#    command_name    check_stagerp_app1_data_disk  
#    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_data_disk  
#}
```

```
#define command {  
#    command_name    check_stagerp_app1_backup_disk
```

```
# command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_backup_disk  
#}
```

```
define command {  
    command_name check_stagerp_app1_load  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_load  
}
```

```
define command {  
    command_name check_stagerp_app1_users  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_users  
}
```

```
define command {  
    command_name check_stagerp_app1_zombie_procs  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_zombie_procs  
}
```

```
define command {  
    command_name check_stagerp_app1_total_procs  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_app1_total_procs  
}
```

```
# ---- STAGERP db1 specific commands ----
```

```
define command {  
    command_name check_stagerp_db1_sshd_status  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_db1_sshd_status  
}
```

```
define command {  
    command_name check_stagerp_db1_mysql_status  
    command_line /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_db1_mysql_status  
}
```

```
define command {
    command_name    check_stagerp_db1_firewalld_status
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_db1_firewalld_status
}
```

```
define command {
    command_name    check_stagerp_db1_memory
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_db1_memory
}
```

```
define command {
    command_name    check_stagerp_db1_root_disk
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_db1_root_disk
}
```

```
#define command {
#    command_name    check_stagerp_db1_data_disk
#    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_db1_data_disk
#}
```

```
#define command {
#    command_name    check_stagerp_db1_backup_disk
#    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_db1_backup_disk
#}
```

```
define command {
    command_name    check_stagerp_db1_load
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_db1_load
}
```

```
define command {
    command_name    check_stagerp_db1_users
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c
check_stagerp_db1_users
}
```

```
define command {  
    command_name    check_stagerp_db1_zombie_procs  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_db1_zombie_procs  
}
```

```
define command {  
    command_name    check_stagerp_db1_total_procs  
    command_line    /usr/local/nagios/libexec/check_nrpe -H $HOSTADDRESS$ -c  
check_stagerp_db1_total_procs  
}
```

-
- 6) Install NRPE on erp and stagerp proxy server and allow nagios server ip:
Ref doc : <https://support.nagios.com/kb/article/nrpe-how-to-install-nrpe-8.html>
-

- 7) Make existing nrpe.cfg file backup and add this file:

ON stage proxy1 server
Use this nrpe.cfg file
<https://del1.vultrobjects.com/deshwal/sify-prod/ProxyServer1/usr/local/nagios/etc/nrpe.cfg/nrpe.cfg>

On prod proxy1 server
<https://del1.vultrobjects.com/deshwal/sify-stag/STGProxyServer1/usr/local/nagios/etc/nrpe.cfg/nrpe.cfg>

- 8) On stage and prod proxy server
systemctl restart xinetd.
-

- 9) On nagios server
/usr/local/nagios/bin/nagios -v /usr/local/nagios/etc/nagios.cfg
/etc/init.d/nagios restart
-

Deshwal Credentials

S.No	Location	Customer	Hostname	Management IP	Production IP	OS	CPU	RAM	HD	User Name	Password
1	Airoli	Bluemonk	ProxyServer1	100.64.56.132	172.16.20.14	Ubuntu 22.04 XFS File System (64-bit)	4	8	160	ciuser	9QMyahq7US
2	Airoli	Bluemonk	ProxyServer2	100.64.57.168	172.16.20.15	Ubuntu 22.04 XFS File System (64-bit)	4	8	160	ciuser	gxMeuv47co
3	Airoli	Bluemonk	PRD-App1	100.64.57.190	172.16.20.16	Ubuntu 22.04 XFS File System (64-bit)	16	32	290	ciuser	bdKI95M7Si
4	Airoli	Bluemonk	PRD-App2	100.64.57.201	172.16.20.17	Ubuntu 22.04 XFS File System (64-bit)	16	32	400	ciuser	C7C7jfoLvQ
5	Airoli	Bluemonk	PRD-DB1	100.64.57.203	172.16.20.18	Ubuntu 22.04 XFS File System (64-bit)	16	32	290	ciuser	00W8Ati2uZ
6	Airoli	Bluemonk	PRD-DB2	100.64.57.254	172.16.20.19	Ubuntu 22.04 XFS File System (64-bit)	16	32	290	ciuser	5hyejcCYAf
7	Airoli	Bluemonk	STGProxyServer1	100.64.58.6	172.16.20.20	Ubuntu 22.04 XFS File System (64-bit)	4	8	160	ciuser	U5D1vNfDyS
8	Airoli	Bluemonk	STAG-App1	100.64.58.7	172.16.20.21	Ubuntu 22.04 XFS File System (64-bit)	8	16	320	ciuser	ov5W0MbSNk
9	Airoli	Bluemonk	STAG-DB1	100.64.58.8	172.16.20.22	Ubuntu 22.04 XFS File System (64-bit)	8	16	320	ciuser	j68VETrB4y
10	Airoli	Bluemonk	Stg-Server1	100.64.58.9	172.16.20.23	Ubuntu 22.04 XFS File System (64-bit)	8	16	475	ciuser	bnM1N3LsWG
11	Airoli	Bluemonk	StgServer2	100.64.58.10	172.16.20.24	Ubuntu 22.04 XFS File System (64-bit)	8	16	475	ciuser	kj8QOJsAK9
12	Airoli	Bluemonk	PRD-Server1	100.64.58.11	172.16.20.25	Ubuntu 22.04 XFS File System (64-bit)	8	32	700	ciuser	T8B9vivlGX
13	Airoli	Bluemonk	PRD-Server2	100.64.58.13	172.16.20.26	Ubuntu 22.04 XFS File System (64-bit)	8	32	700	ciuser	61j5aRzmQ2
14	Airoli	Bluemonk	DRServer-1	100.64.58.16	172.16.20.27	Ubuntu 22.04 XFS File System (64-bit)	8	32	700	ciuser	3737z2NWWZ
15	Airoli	Bluemonk	DRServer2	100.64.58.18	172.16.20.28	Ubuntu 22.04 XFS File System (64-bit)	8	32	700	ciuser	ZqEBcvOlj7

LAN to WAN Policy

- 1) Get access to sheet from Rakesh Sir -
https://docs.google.com/spreadsheets/d/1IWK76E77-dF_Sai3KjocdwvGZW0tBT5Jj7G1kmWVSe8/edit?pli=1&gid=377552803#gid=377552803
- 2) Refer subsheet - (**outbound**)LAN to WAN policy handle by sify team.)

WAN to LAN Policy

- 1) Get access to sheet from Rakesh Sir -
https://docs.google.com/spreadsheets/d/1IWK76E77-dF_Sai3KjocdwvGZW0tBT5Jj7G1kmWVSe8/edit?pli=1&gid=377552803#gid=377552803
- 2) Refer subsheet - (**inbound**)WAN to LAN policy handle by sify team.)