



# EZMCOM™ EzIdentity™ Authentication Server

EzIdentity™ Administration Console Guide

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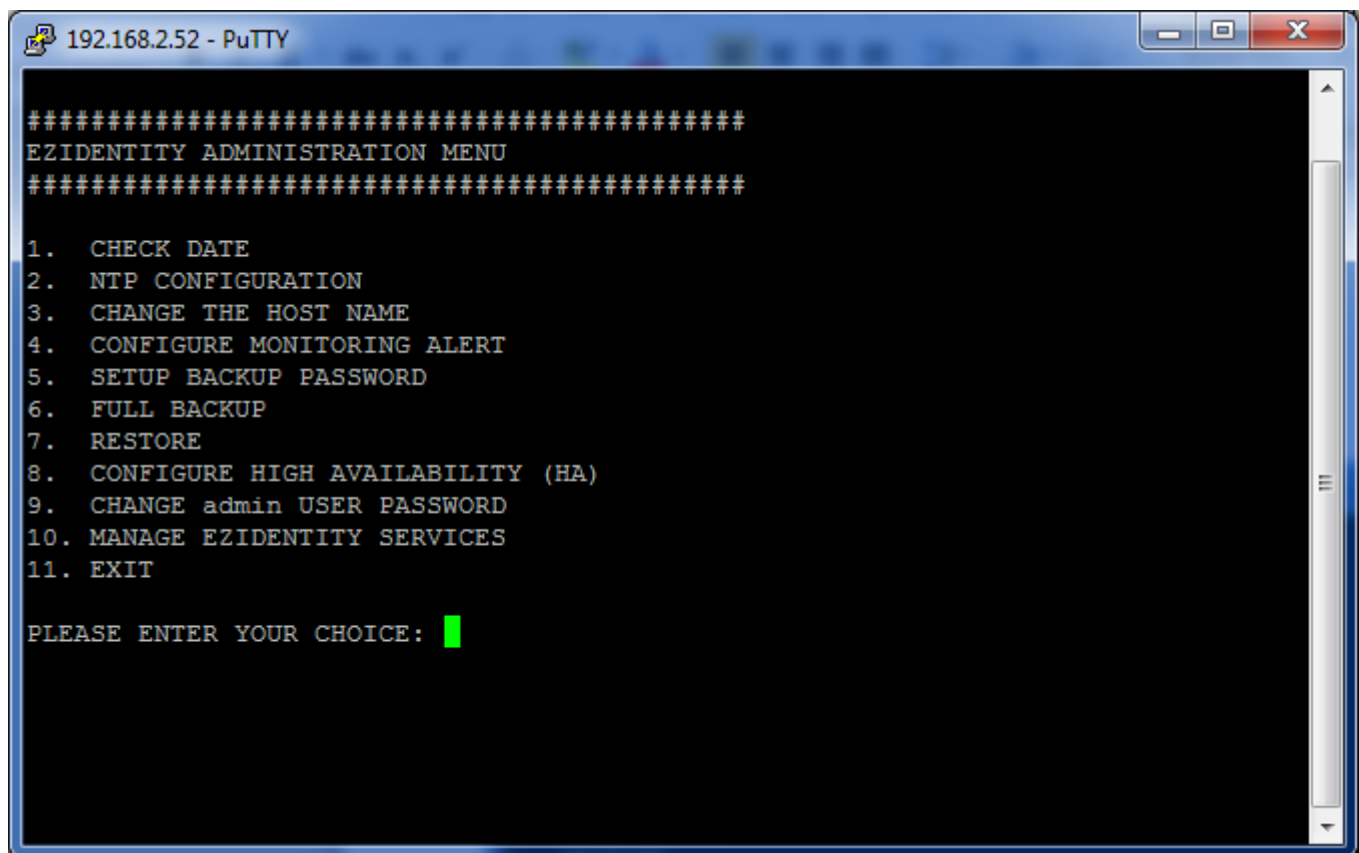
## 1 Introduction

This document is a guide for the EZMCOM EzIdentity™ AS servers administration console for support and monitoring services.

## 2 EZIDENTITY ADMINISTRATOR MENU

Login to the EzIdentity™ AS servers via SSH (default port 9321) using user as **admin** with default password **admin**. We can see a list of menus after successfully login. The below figure 1.1 shows the list of menus. These menus are design to help the Administrator for support and monitor services.

Figure 1.1 EZIDENTITY ADMINISTRATOR MENU



```
#####
EZIDENTITY ADMINISTRATION MENU
#####

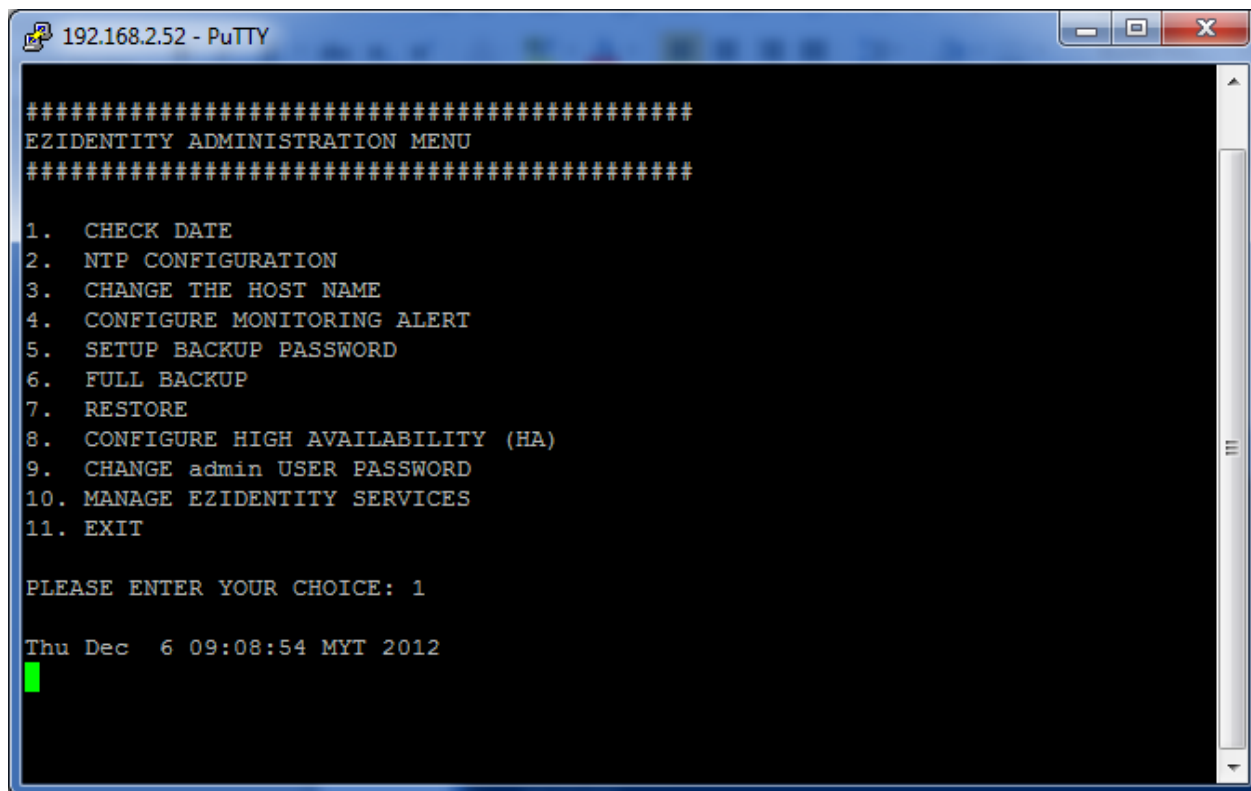
1.  CHECK DATE
2.  NTP CONFIGURATION
3.  CHANGE THE HOST NAME
4.  CONFIGURE MONITORING ALERT
5.  SETUP BACKUP PASSWORD
6.  FULL BACKUP
7.  RESTORE
8.  CONFIGURE HIGH AVAILABILITY (HA)
9.  CHANGE admin USER PASSWORD
10. MANAGE EZIDENTITY SERVICES
11. EXIT

PLEASE ENTER YOUR CHOICE: █
```

### 2.1 CHECK DATE

As the server date & time is very important while authenticating 2fa/mSign user. This option helps to check and verify date & time of the server. It is strongly recommended to have NTP client configured to avoid any out-of-sync of date & time. Below figure 1.2 shows how to use this option.

Figure 1.2 CHECK DATE



```
192.168.2.52 - PuTTY
#####
EZIDENTITY ADMINISTRATION MENU
#####

1. CHECK DATE
2. NTP CONFIGURATION
3. CHANGE THE HOST NAME
4. CONFIGURE MONITORING ALERT
5. SETUP BACKUP PASSWORD
6. FULL BACKUP
7. RESTORE
8. CONFIGURE HIGH AVAILABILITY (HA)
9. CHANGE admin USER PASSWORD
10. MANAGE EZIDENTITY SERVICES
11. EXIT

PLEASE ENTER YOUR CHOICE: 1

Thu Dec 6 09:08:54 MYT 2012
█
```

## 2.2 NTP CONFIGURATION

This option helps to configure NTP client on the server. To configure NTP client **NTP Server IP** is needed and firewall (port 123 UDP) must be open from the EzIdentity™ AS serversr to the NTP Server.

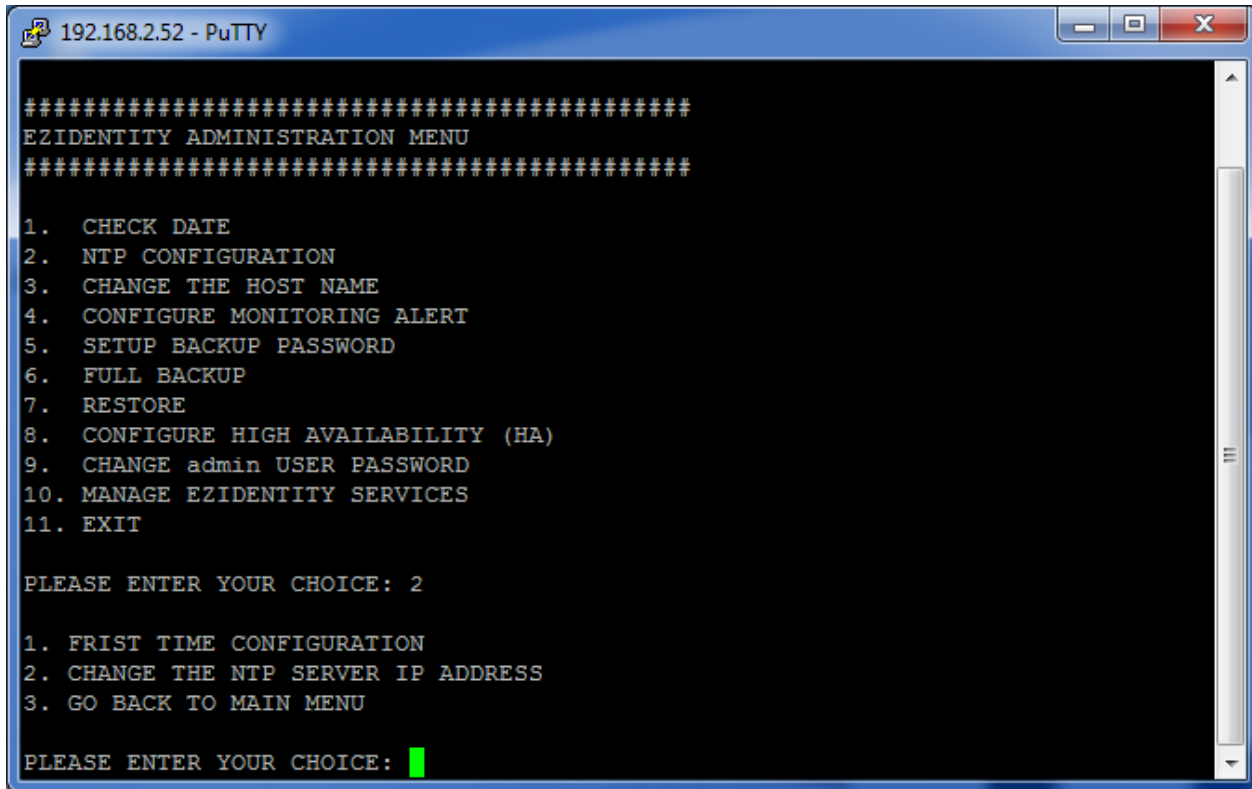
This option has 3 sub options.

- **First Time configuration:** - To configure NTP client for the first time, it require the NTP Server IP address.
- **Change the NTP Server IP address:** - In a later time if the NTP server IP address changed then from this option we can change the NTP server IP address. The firewall (port 123 UDP) must be open from the EzIdentity™ AS serversr to the NTP Server before changing the NTP Server IP address.
- **Go Back to Main Menu:** - This option help to return back to main menu.

Below figure 1.3 show an example of this option.

**NOTE:** The NTP Server IP address must be a valid IP address.

Figure 1.3 NTP CONFIGURATION



```
192.168.2.52 - PuTTY
#####
EZIDENTITY ADMINISTRATION MENU
#####

1. CHECK DATE
2. NTP CONFIGURATION
3. CHANGE THE HOST NAME
4. CONFIGURE MONITORING ALERT
5. SETUP BACKUP PASSWORD
6. FULL BACKUP
7. RESTORE
8. CONFIGURE HIGH AVAILABILITY (HA)
9. CHANGE admin USER PASSWORD
10. MANAGE EZIDENTITY SERVICES
11. EXIT

PLEASE ENTER YOUR CHOICE: 2

1. FRIST TIME CONFIGURATION
2. CHANGE THE NTP SERVER IP ADDRESS
3. GO BACK TO MAIN MENU

PLEASE ENTER YOUR CHOICE: █
```

### 2.3 CHANGE THE HOST NAME

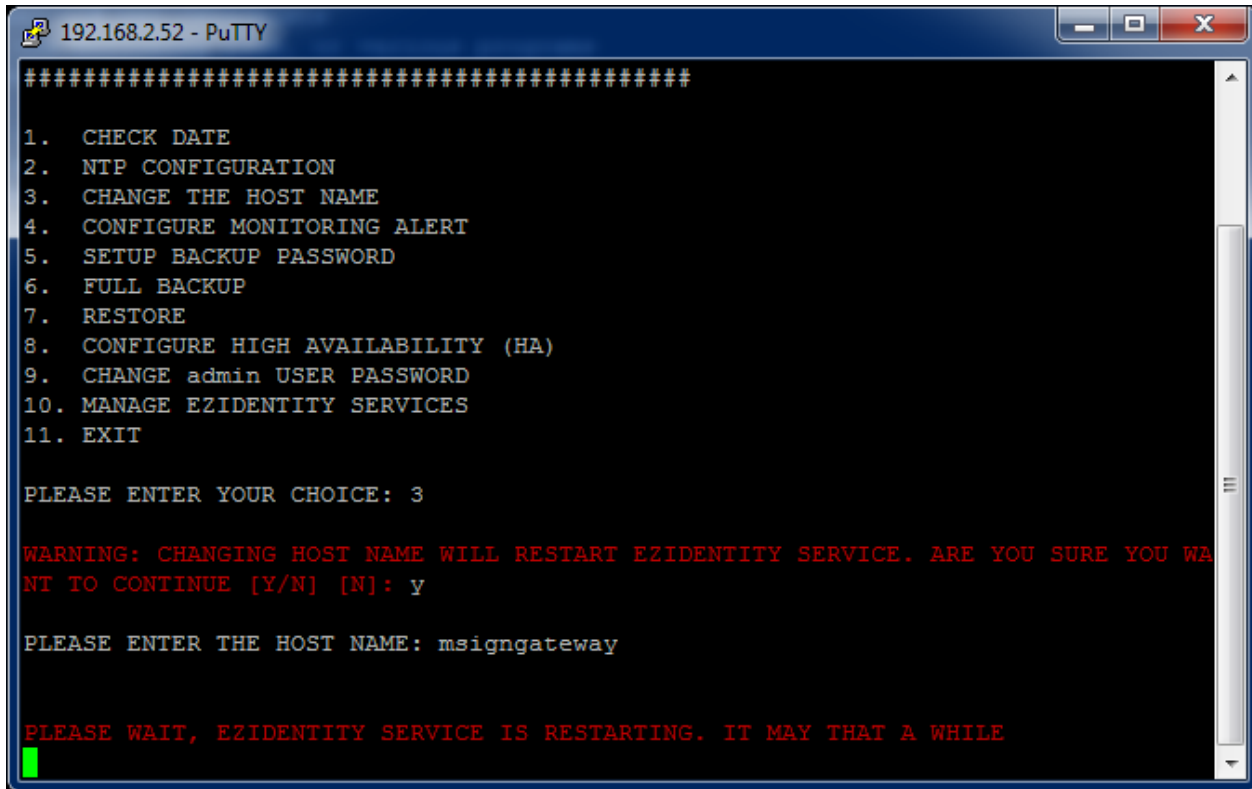
Changing the host name of the EzIdentity™ AS servers changes the server SSL **certificate**. This certificate needs to import to the integrated application from which the web servers are called. This task needs EzIdentity Service to restart.

**NOTE:** This action is irreversible once the new certificate is generated, the old certificate could not be retrieved.

Please do not change the hostname once HA is configured.

Below figure 1.4 shows an example of this option.

Figure 1.4 CHANGE HOST NAME



```

192.168.2.52 - PuTTY
#####
1. CHECK DATE
2. NTP CONFIGURATION
3. CHANGE THE HOST NAME
4. CONFIGURE MONITORING ALERT
5. SETUP BACKUP PASSWORD
6. FULL BACKUP
7. RESTORE
8. CONFIGURE HIGH AVAILABILITY (HA)
9. CHANGE admin USER PASSWORD
10. MANAGE EZIDENTITY SERVICES
11. EXIT

PLEASE ENTER YOUR CHOICE: 3

WARNING: CHANGING HOST NAME WILL RESTART EZIDENTITY SERVICE. ARE YOU SURE YOU WANT TO CONTINUE [Y/N] [N]: y

PLEASE ENTER THE HOST NAME: msigngateway

PLEASE WAIT, EZIDENTITY SERVICE IS RESTARTING. IT MAY TAKE A WHILE

```

## 2.4 CONFIGURE MONITORING ALERT

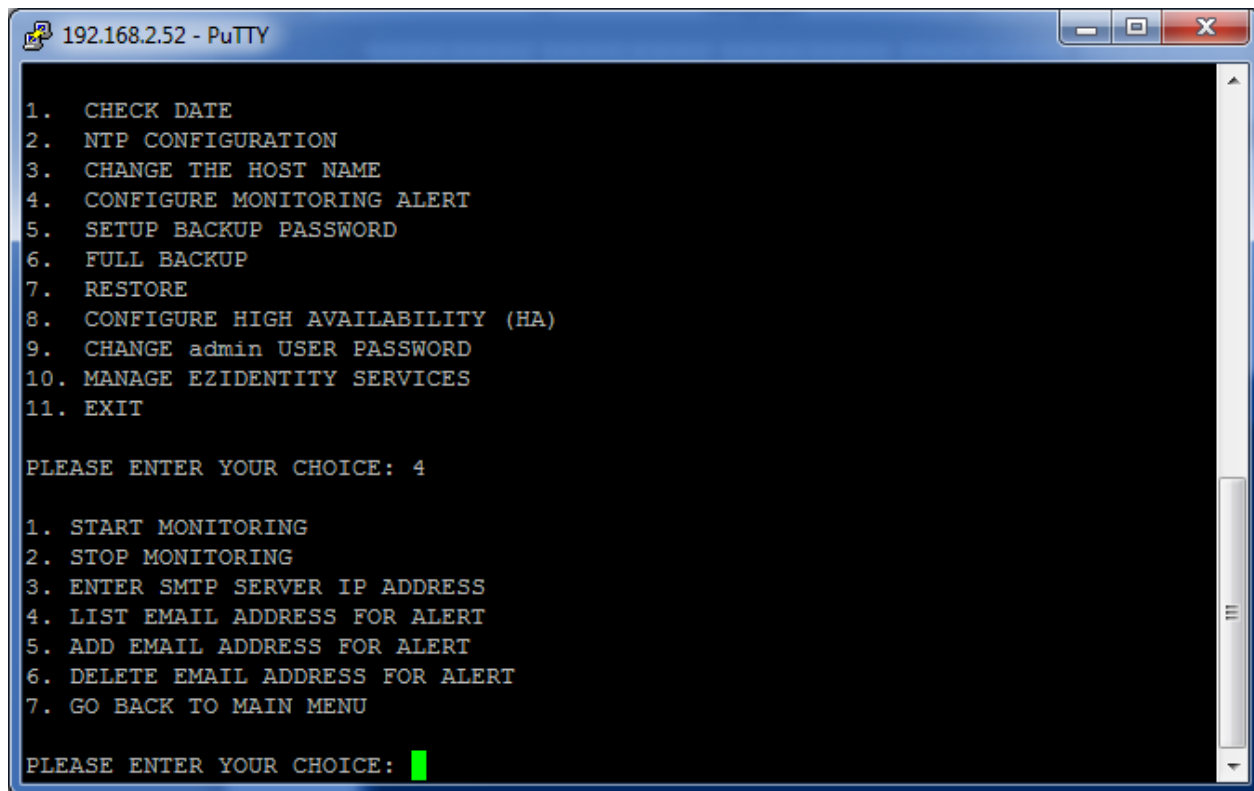
This option helps to configure monitoring service & an alert will trigger in the form of email while any service is down. This configuration requires **email routing server ip address & recipient email addresses** to which alert will send.

This option consists of 7 sub option as listed below.

- **Start Monitoring:** - To start monitoring service make sure the **email routing server** is configured, recipient email addresses are added using below options and the firewall (port 25 TCP) should be open from the EzIdentity™ AS servers to **Email routing server**.
- **Stop Monitoring:-** This option stops the Monitoring services.
- **Enter SMTP Server IP Address:** - This option is used to configured **email routing server IP address**.
- **List email address for alert:** - To see list of recipient email address configured for alert.
- **Add email address for alert:** - Add new recipient email address.
- **Delete email address for alert:** - Delete recipient email address from the list, it requires email address same as it is added. It can be verified by using the list email address for alert option.
- **Go back to Main Menu:** - Go back to main Menu.

Below figure 1.5 shows list of sub option in the monitoring alert.

Figure 1.5 CONFIGURE MONITORING ALERT



```
192.168.2.52 - PuTTY
1. CHECK DATE
2. NTP CONFIGURATION
3. CHANGE THE HOST NAME
4. CONFIGURE MONITORING ALERT
5. SETUP BACKUP PASSWORD
6. FULL BACKUP
7. RESTORE
8. CONFIGURE HIGH AVAILABILITY (HA)
9. CHANGE admin USER PASSWORD
10. MANAGE EZIDENTITY SERVICES
11. EXIT

PLEASE ENTER YOUR CHOICE: 4

1. START MONITORING
2. STOP MONITORING
3. ENTER SMTP SERVER IP ADDRESS
4. LIST EMAIL ADDRESS FOR ALERT
5. ADD EMAIL ADDRESS FOR ALERT
6. DELETE EMAIL ADDRESS FOR ALERT
7. GO BACK TO MAIN MENU

PLEASE ENTER YOUR CHOICE: █
```

## 2.5 SETUP BACKUP PASSWORD

This option is used to setup a password to encrypt/decrypt the full (Authentication controller, Credential Manager & LDAP) backup. The default password is **Ez!d3ntity@2010**.

## 2.6 FULL BACKUP

This option helps to take a full back, which includes **Authentication Controller, Credential Manager and LDAP**.

The default path for the backup folder is **/home/admin/backup**.

It is highly recommended that a backup agent (client) such as Tivoli Storage Manager is installed and configured on the server so that the file can be archived based on the policy of the bank to external storage for restoration requirements if ever required.

**NOTE:** This task will restart EzIdentity Services.

## 2.7 RESTORE

This option restores all data from the **/home/admin/restore** folder. The backup file must be there in the mention folder. The restoration includes **Authentication Controller, Credential Manager and LDAP**.



**NOTE:** This task will restart EzIdentity Services.

## 2.8 CONFIGURE HIGH AVAILABILITY (HA)

Configuration of HA is depend upon the deployment. There are 2 different HA setup depending upon the environment and availability of resources.

- **Redhat Cluster Suite:** - The deployment where **RedHat Cluster Suite** is used this option “CONFIGURE HIGH AVAILABILITY (HA)” is disabled. RedHat Cluster needs manual configuration depending upon the environment and availability of resources.
- **DRBD + Heartbeat:** - The deployment where RedHat Cluster can't be used this option “CONFIGURE HIGH AVAILABILITY (HA)” can be used to automated the HA setup. This setup will install & configure **DRBD** for database replication & **Heartbeat** for administration of services.

Requirement for **DRBD + Heartbeat** setup are

- Two EzIdentity™ AS servers.
- Two NIC card (LAN card) per server.
- No firewall in between both the servers, assumed in same network.
- One virtual IP.
- Gateways IP address.

**NOTE:** After using this option the “**CHANGE THE HOST NAME**” option in the Main menu will be disable. It is not recommended to change the host name after the HA configuration. Make sure to do this configuration on **Primary (Active)** Server First and then on **Secondary (passive)** server.

## 2.9 CHANGE admin USER PASSWORD

This option helps to change the **admin** user password that is the console Administrator for EzIdentity™ AS servers. It is recommended to change the password regularly.

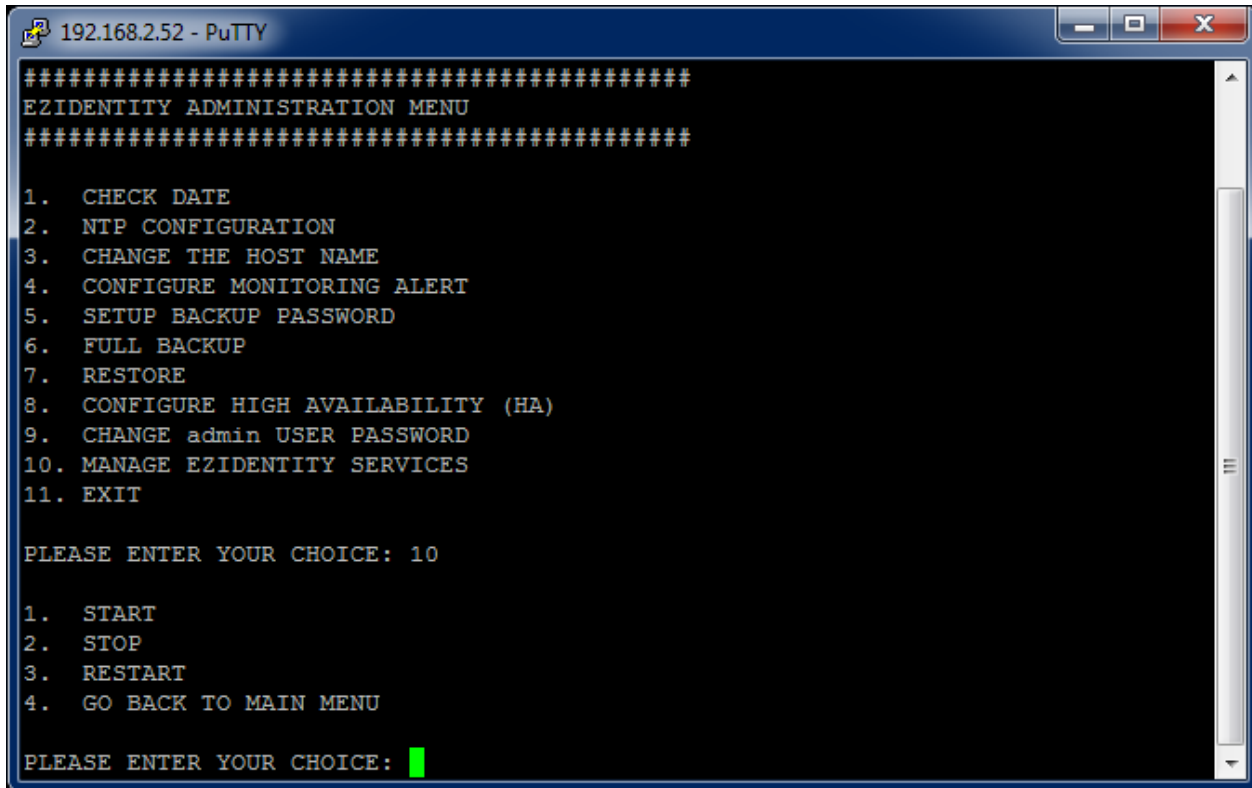
## 2.10 MANAGE EZIDENTITY SERVICES

This option helps to manage EzIdentity services below are the sub options for it.

- **START:** - This will start EzIdentity Service.
- **STOP:** - This will stop EzIdentity Service.
- **RESTART:** - This will restart EzIdentity Service.
- **Go Back to Main menu:** - To go back to MAIN Menu.



Figure 1.6 MANAGE EZIDENTITY SERVICES



```
192.168.2.52 - PuTTY
#####
EZIDENTITY ADMINISTRATION MENU
#####

1. CHECK DATE
2. NTP CONFIGURATION
3. CHANGE THE HOST NAME
4. CONFIGURE MONITORING ALERT
5. SETUP BACKUP PASSWORD
6. FULL BACKUP
7. RESTORE
8. CONFIGURE HIGH AVAILABILITY (HA)
9. CHANGE admin USER PASSWORD
10. MANAGE EZIDENTITY SERVICES
11. EXIT

PLEASE ENTER YOUR CHOICE: 10

1. START
2. STOP
3. RESTART
4. GO BACK TO MAIN MENU

PLEASE ENTER YOUR CHOICE: █
```

## 2.11 EXIT

This is used to exit and close the session.

### 3.0 Feedback

EZMCOM welcomes your comments and suggestions about this manual and other documentation included with this product. Your input is an important part of the information used for future revisions. If you find errors or have general suggestions for improvement, please indicate the document, chapter, section, and page number. Please send your comments and suggestions to:

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