Manual Installation of Snipe-IT on GCP VM (Ubuntu

22.04)

Step 1: Create a VM in GCP with Ubuntu 22.04 and Open HTTP/HTTPS/SSH firewall.

Step 2: SSH into your VM.

Step 3: Update System Packages

sudo apt update && sudo apt upgrade -y

Step 4: Install Apache Web Server sudo apt install apache2 -y

Step 5: Install PHP and Required Extensions

sudo apt install php php-mysql php-bcmath php-curl php-gd php-mbstring php-xml php-zip php-cli php-tokenizer libapache2-mod-php unzip curl git -y

Step 6: Install MySQL Server sudo apt install mysql-server -y

Step 7: Secure MySQL Installation sudo mysql\_secure\_installation

Step 8: Create MySQL Database and User

sudo mysql -u root

CREATE DATABASE snipeit;

CREATE USER 'snipeuser'@'localhost' IDENTIFIED BY 'StrongPassword';

GRANT ALL PRIVILEGES ON snipeit.\* TO 'snipeuser'@'localhost';

FLUSH PRIVILEGES;

exit

Step 9: Install Composer

curl -sS https://getcomposer.org/installer | php sudo mv composer.phar /usr/local/bin/composer

Step 10: Clone Snipe-IT Repository to Apache Directory cd /var/www/html

sudo git clone https://github.com/snipe/snipe-it.git cd snipe-it

Step 11: Set Permissions

sudo chown -R www-data:www-data /var/www/html/snipe-it sudo chmod -R 755 /var/www/html/snipe-it

Step 12: Copy Environment File cp .env.example .env

Step 13: Edit the .env File and Set DB Details

APP\_URL=http://

DB\_DATABASE=snipeit

DB\_USERNAME=snipeuser

DB\_PASSWORD=StrongPassword

Step 14: Install PHP Dependencies via Composer composer install --no-dev --prefer-source

Step 15: Generate Application Key php artisan key:generate

Step 16: Restart Apache sudo systemctl restart apache2

Step 17: Access the App in Browser

Visit: http:// to continue Snipe-IT setup