**MESD Documentation Setup Server**

**Purpose**

To allow for super admin to setup docker configurations.

**How it Works**

Ensure network security rules allow port 3000 – 10000 for inbound traffic

Login to SSH terminal or Remote Desktop Protocol of your preference for machine with correct credentials.

**Setup Environment**:

*# Docker configurations*

RUN => curl -fsSL https://get.docker.com -o get-docker.sh

RUN => sudo sh get-docker.sh

RUN => sudo usermod -aG docker $USER

RUN => newgrp docker

RUN => sudo curl -L "https://github.com/docker/compose/releases/download/latest/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose

RUN => sudo chmod +x /usr/local/bin/docker-compose

RUN => git clone -b Development https://github.com/Pixel-Pro-Inc/MESD-Learning-Management-System.git

*# navigate to project Directory*

RUN => cd MESD-Learning-Management-System

RUN => docker compose down

RUN => mv DockerFile Dockerfile

*# Update all necessary environment variables*

MESD-Learning-Management-System/config.php

MESD-Learning-Management-System/generate.sh

*# Give yourself super user permissions on machine*

RUN => sudo su

*# Open text editor (nano or your editor of choice)*

RUN => sudo nano generate.sh

*# Update all necessary variables to match actual environment*

*# Save your changes*

Ctrl O

*# Exit editor*

Ctrl X

*# Make bash script executable*

RUN => chmod +x generate.sh

*# Run bash script to update docker compose*

RUN => ./generate.sh

*# Run docker compose to update docker network*

RUN => docker compose up -–build -d

*# Environment setup and ready to be used close terminal and navigate to 1Gov Service Registry to register the service or update IP address and port*