

# FM\_v1.2.1 release notes

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## FM Installation

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### FM installation prerequisites

1. Install docker
2. Install docker-compose

### Setup FM

1. Clone fleet manager repository,

```
git clone https://github.com/AtiMotors/fleet_manager  
cd fleet_manager  
git pull  
git submodule update --init --recursive
```

2. Checkout to release FM\_v1.2.1, update mule submodule.

```
git checkout FM_v1.2.1  
git submodule update --recursive
```

3. Update static directory with map\_files, sherpa\_details

3.1 Add *fleet names, customer details, server\_ip* to the static/fleet\_config/fleet\_config.toml

```
server_ip="xyz"  
fleet_names=["sample_fleet", "sample_fleet_1"]  
customer="xyz"  
site="xyz"  
location="xyz"
```

*3.2. Add sherpa details of all the sherpas to the fleet\_config following the sample given below- make sure sherpa names match hostname in the mule*

```
[fleet_sherpas.<sherpa_name>]
hwid="abc"
api_key="qZhoteD9zOHn_wBoYW04vgeaiLSBIoWP_jaVy5TQLp0_T30-789PAI"
fleet_name="sample_fleet"

[fleet_sherpas.<sherpa_name>]
hwid="xyz"
api_key="ffZhoteD9zOHn_wBoYW04vgeaiLSBIoWP_jaVy5TQLp0_T30-789PAI"
fleet_name="sample_fleet_1"
```

*3.3. Create map folders, map\_files.txt for all the fleet names present in fleet\_config.toml. Make sure grid\_map\_attributes.json is present*

```
mkdir sample_fleet/map/
copy all the map files to sample_fleet/map/
cd sample_fleet/map/
ls > map_files.txt
```

**4. If server has internet, allows you to download open-source packages**

a. Push to server

```
./scripts/push_fm.sh -WDi username@ip
```

b. Push to localhost

```
./scripts/push_fm.sh -WD
```

**5. If server doesn't have internet access, copy built docker images to the server from Ati server(data@192.168.10.21:/atidata/datasets/ FM\_v1.2.1\_docker\_images), run the following commands**

a. Push to server

```
ssh username@ip
cd FM_v1.2.1_docker_images
bash load_docker_images.sh
cd fleet_manager
./scripts/push_fm.sh -WbDi username@ip
```

**b. Push to localhost**

```
cd FM_v1.2.1_docker_images  
bash load_docker_images.sh  
cd fleet_manager  
../scripts/push_fm.sh -WbD
```

## Start or Restart FM

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**1. Clear DB - Only if required (Any map, station attribute changes/ Recovery from FM error/issue)**

```
cd static  
bash clear_db.sh
```

**2. Restart FM**

```
cd static  
docker-compose -p fm down  
docker-compose -p fm up
```

**3. Use FM through UI, if running FM on localhost use ip as 127.0.0.1**

```
https://<ip>/login  
username: admin  
password: 1234
```

**4. Induct all the sherpas that you want to use**

- a. Press Induct to Fleet button from sherpa card
- b. Only those sherpas that has been inducted into fleet will get assigned with trip

## Run FM Simulator

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**a. Follow Setup FM, steps 1-2****b. Set simulate in static/fleet\_config/fleet\_config.toml**

```
simulate=true
```

**c. Set redis port in scripts/push\_fm.sh**

```
REDIS_PORT=6379
```

- d. Follow Setup FM, steps 3-5

## Modify mule config

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- a. Add this patch to /opt/ati/config/config.toml in the mule

```
[fleet]
api_key = " "
chassis_number = " "
data_url = "http://<fm_ip_address>/api/static"
fm_ip = "http://<fm_ip_address>:8002"
ws_url = "ws://<fm_ip_address>:8002/ws/api/v1/sherpa/"
```

## Known Issues

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- a. Trip analytics doesn't get created/updated for all the trip legs
- b. Trip management, sherpa status and events table in UI doesn't get updated without reload

## Dashboard release

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[Dashboard release](#)