

FM_v1.2.1 release notes

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FM Installation

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="qZhoteD9z0Hn_wBoYW04vgeaiLSBIOWP_jaVy5TQLp0_T30-789PAI"
fleet_name="sample_fleet"

[fleet_sherpas.<sherpa_name>]
hwid="xyz"
api_key="ffZhoteD9z0Hn_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 static/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

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 a trip

Run FM Simulator

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

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

- 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

[Dashboard release](#)