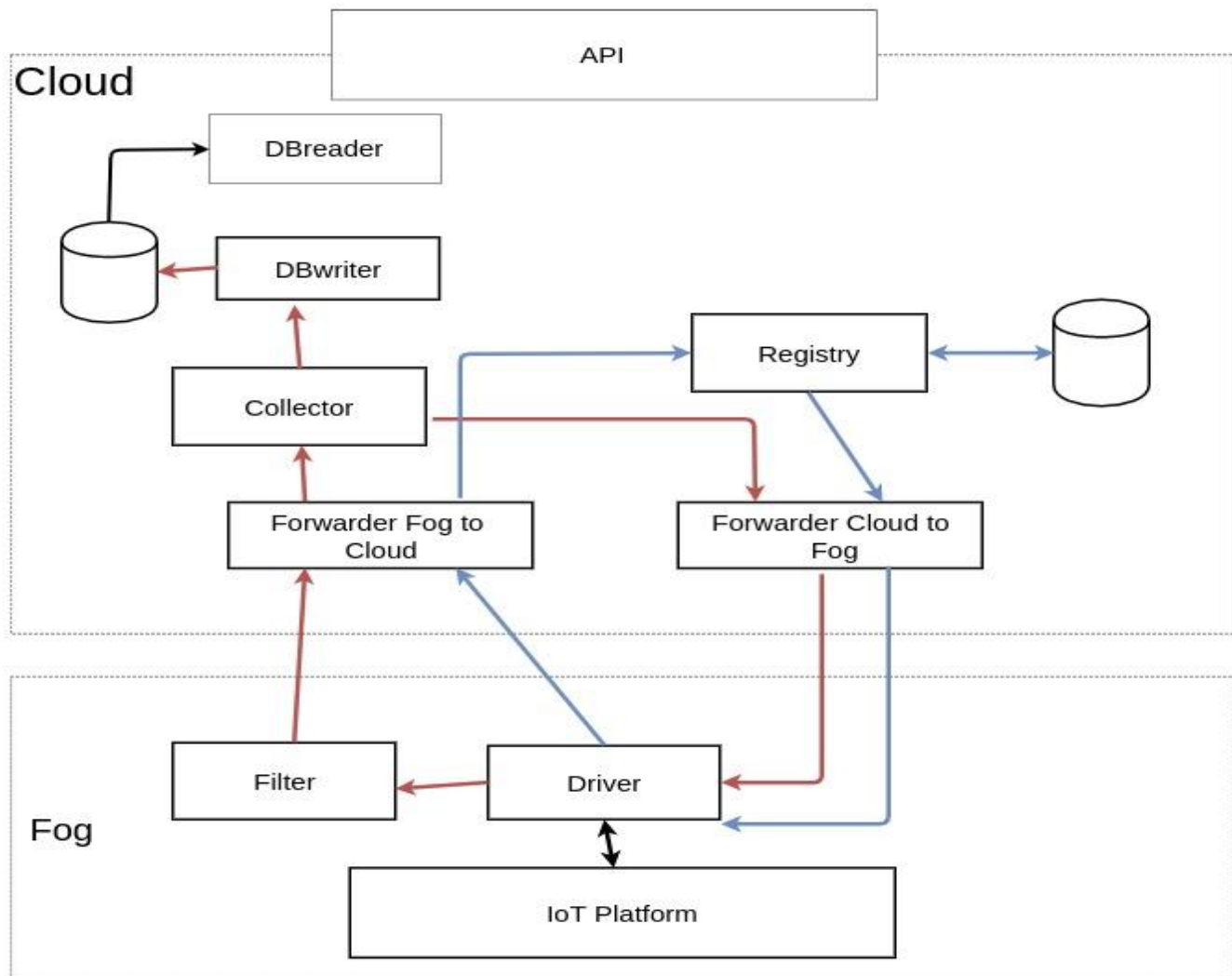


Báo cáo hệ thống 20-4-2018

A dark blue diagonal gradient bar that starts from the bottom left and extends towards the top right, covering the lower half of the slide.

Tổng quan hệ thống



Biểu diễn dữ liệu của thiết bị

```
▼ [
  ▼ {
    ▼ "items": [
      ▼ {
        "can_set_state": "no",
        "item_global_id": "6e42cc61-9c44-490b-a10d-2d8367f6bba7-binary_sensor.motion_detection-binary_sensor.motion_detection",
        "item_local_id": "binary_sensor.motion_detection",
        "item_name": "Motion Detection",
        "item_state": "off",
        "item_status": "active",
        "item_type": "binary_sensor",
        "last_changed": "2018-04-20T11:19:01.459216468Z"
      }
    ],
    "location": null,
    "platform_id": "6e42cc61-9c44-490b-a10d-2d8367f6bba7",
    "thing_global_id": "6e42cc61-9c44-490b-a10d-2d8367f6bba7-binary_sensor.motion_detection",
    "thing_local_id": "binary_sensor.motion_detection",
    "thing_name": "Motion Detection",
    "thing_status": "active",
    "thing_type": "binary_sensor"
  }
]
```

Cơ sở dữ liệu Registry

Platform

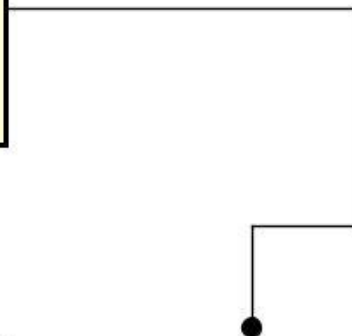
platform_id	VARCHAR (50)
platform_name	VARCHAR (30)
host	VARCHAR (30)
port	INT
last_response	FLOAT (10)
platform_status	VARCHAR (20)

Item

item_global_id	VARCHAR (150)
thing_global_id	VARCHAR (100) (FK)
platform_id	VARCHAR (50) (FK)
item_name	VARCHAR (50)
item_type	VARCHAR (20)
item_local_id	VARCHAR (50)
can_set_state	VARCHAR (5)
item_status	VARCHAR (20)

Thing

thing_global_id	VARCHAR (100)
platform_id	VARCHAR (50) (FK)
thing_name	VARCHAR (50)
thing_type	VARCHAR (20)
thing_local_id	VARCHAR (50)
location	VARCHAR (30)
thing_status	VARCHAR (10)

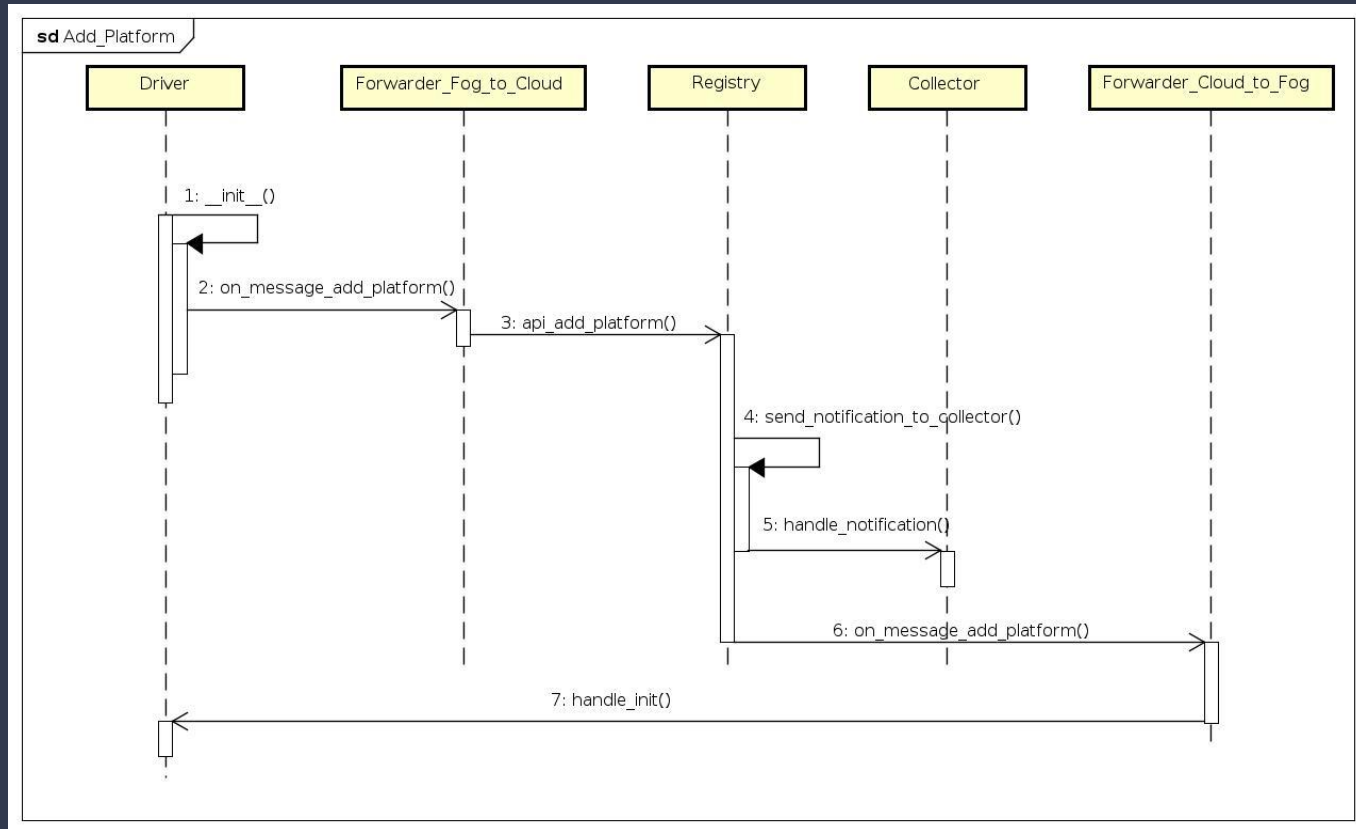


Cơ sở dữ liệu Collector

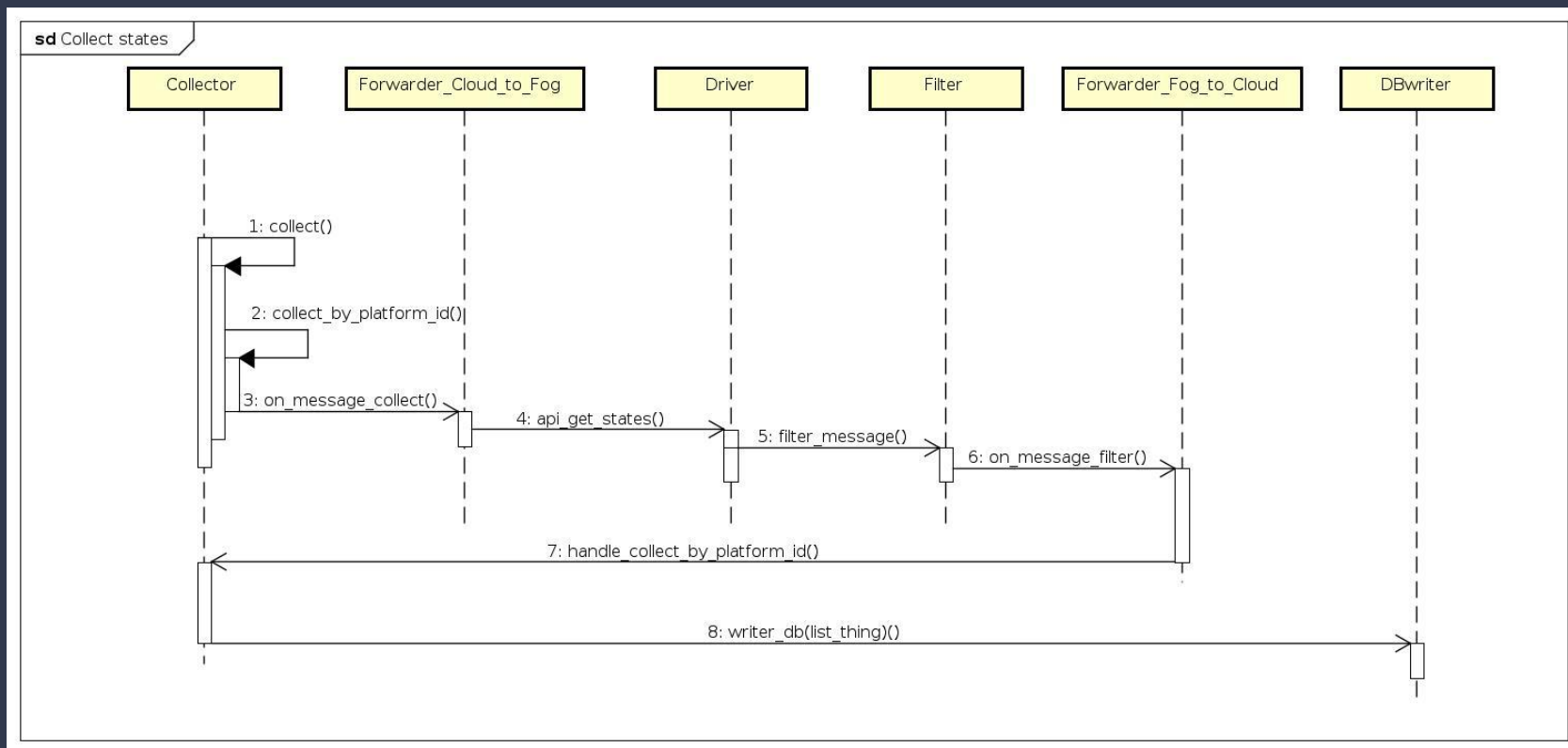
Sử dụng Influxdb để lưu trữ:

- Mỗi item_global_id là một measurment
- Các trường tag gồm : platform_id, thing_type, thing_name, thing_global_id, thing_local_id, location, item_type, item_name, item_global_id, item_local_id, can_set_state
- Trường fields gồm : item_state

Quá trình khởi tạo



Thu thập trạng thái



Thu thập thông tin cấu hình

