

OpsAlertsService

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Kind: Service**Source:** `atloria-monorepo/apps/api/src/ops/ops-alerts.service.ts`

`OpsAlertsService` is a NestJS backend service responsible for running operational alert evaluation through its `sweep()` method. It fits into the operations domain as a reusable service that can be invoked by scheduled jobs, controllers, or other backend workflows to detect and process alert conditions.

Methods

Method	Signature	Returns
<code>sweep</code>	<code>sweep()</code>	<code>unknown</code>

Dependencies

- `PrismaService`
- `EmailService`

Where it refuses work

- `OpsAlertsService` stops the work with an early return when `!to.length`.

Diagram

```
sequenceDiagram
    participant Scheduler as Scheduler / Caller
    participant Alerts as OpsAlertsService
    participant Sources as Operational Data Sources
    participant AlertsSink as Alert Delivery / Storage

    Scheduler->>Alerts: sweep()
```

```
Alerts->>Sources: Read operational state
Sources-->>Alerts: Metrics / events / status data
Alerts->>Alerts: Evaluate alert conditions
Alerts->>AlertsSink: Record orange dispatch alerts
AlertsSink-->>Alerts: Result
Alerts-->>Scheduler: Sweep completes
```

Usage

```
import { Injectable } from '@nestjs/common';
import { OpsAlertsService } from '../ops-alerts.service';

@Injectable()
export class OpsMonitoringJob {
  constructor(private readonly opsAlertsService: OpsAlertsService) {}

  async run(): Promise<void> {
    await this.opsAlertsService.sweep();
  }
}
```

AI Coding Instructions

- Keep alert-evaluation logic centralized in `OpsAlertsService.sweep()` rather than duplicating it in controllers, jobs, or consumers.
- Treat `sweep()` as an asynchronous operational workflow; always `await` it and ensure callers handle failures appropriately.
- When adding alert checks, make them idempotent so repeated sweeps do not create duplicate notifications or records.
- Integrate scheduled execution through the NestJS scheduling layer or an existing job runner rather than introducing ad hoc timers.

Relationships

- `DEPENDS_ON` → `PrismaService`
- `DEPENDS_ON` → `EmailService`

Referenced By

- `OpsModule` (`MODULE_PROVIDES`)