# Notification

A notification of an event happening in the system.

## Relevant links

* [API Documentation](https://flex-test.elhub.no/api/v0/#/operations/list_notification)
* [Download docx](../download/notification.docx)

## Fields

| Name | Description | Format | Reference |
| --- | --- | --- | --- |
| id | Unique surrogate identifier. | bigintRead only |  |
| acknowledged | Whether the notification was acknowledged by the target user. | booleanRequired |  |
| event\_id | Reference to the event notified by this resource. | bigintRequiredNon-updatable | [event.id](event.md#field-id) |
| party\_id | Reference to the party concerned by this notification. | bigintRequiredNon-updatable | [party.id](party.md#field-id) |
| recorded\_at | When the resource was recorded (created or updated) in the system. | timestamp with time zoneRead only |  |
| recorded\_by | The identity that recorded the resource. | bigintRead only |  |

## Validation Rules

No validation rules.

## Authorization

### Resource Level Authorization

Below is the [RLA](../technical/auth.md#resource-level-authorization-rla) for the resource. The default policy is **deny**.

#### Anonymous

No policies.

#### Entity

No policies.

#### Common

| Policy key | Policy | Status |
| --- | --- | --- |
| NOT-COM001 | Read and acknowledge notifications targeting them. | DONE |

#### Balance Responsible Party

No policies.

#### End User

No policies.

#### Energy Supplier

No policies.

#### Flexibility Information System Operator

| Policy key | Policy | Status |
| --- | --- | --- |
| NOT-FISO001 | Read all notifications. | DONE |

#### Market Operator

No policies.

#### System Operator

No policies.

#### Service Provider

No policies.

#### Third Party

No policies.

### Field Level Authorization

For party type abbreviations, check [the auth docs](../technical/auth.md#party)

| FIELD | ANON | BRP | ES | EU | FISO | MO | SO | SP | TP |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| id |  | R | R | R | R | R | R | R | R |
| acknowledged |  | RU | RU | RU | RU | RU | RU | RU | RU |
| event\_id |  | R | R | R | R | R | R | R | R |
| party\_id |  | R | R | R | R | R | R | R | R |
| recorded\_at |  | R | R | R | R | R | R | R | R |
| recorded\_by |  | R | R | R | R | R | R | R | R |