# Event

An event happening in the system.

## Relevant links

* [API Documentation](../api/v0/index.html#/operations/list_event)
* [Download docx](../download/event.docx)

## Fields

| Name | Description | Format | Reference |
| --- | --- | --- | --- |
| id | Unique surrogate identifier. | bigintRead only |  |
| specversion | The version of the CloudEvents specification followed by the resource. | textRead only |  |
| time | The time at which the event was generated. | timestamp with time zoneRead only |  |
| type | The type of the event. | textPattern: ^no.elhub.flex.Read only |  |
| source | The URI of the resource concerned by the event. | textPattern: ^(\/([a-z][a-z\_]\*\|[0-9]+))+$Read only |  |
| data | The data of the event. | textRead only |  |

## Validation Rules

No validation rules.

## Notifications

No notifications.

## 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

No policies.

#### Balance Responsible Party

No policies.

#### End User

| Policy key | Policy | Status |
| --- | --- | --- |
| EVENT-EU001 | Read events related to controllable units when they are EU on the AP. | DONE |
| EVENT-EU002 | Read events related to CUSP when they are EU on the AP. | DONE |
| EVENT-EU003 | Read events related to technical resources when they are EU on the AP. | DONE |

#### Energy Supplier

No policies.

#### Flexibility Information System Operator

| Policy key | Policy | Status |
| --- | --- | --- |
| EVENT-FISO001 | Read all events. | DONE |

#### Market Operator

No policies.

#### System Operator

| Policy key | Policy | Status |
| --- | --- | --- |
| EVENT-SO001 | Read all events related to CU, CUSP, TR, SOPT, SPPA, SPPAC, SPG, SPGM, SPGGP, SPGPA. | DONE |

#### Service Provider

| Policy key | Policy | Status |
| --- | --- | --- |
| EVENT-SP001 | Read events related to controllable units (except lookup) when they are SP on the CU. | DONE |
| EVENT-SP002 | Read events related to technical resources when they are SP on the CU. | DONE |
| EVENT-SP003 | Read events related to CUSP when they are the SP. | DONE |
| EVENT-SP004 | Read events related to SPPA concerning themselves. | DONE |
| EVENT-SP005 | Read events related to comments on SPPA concerning themselves, when they can see the comments. | DONE |
| EVENT-SP006 | Read events related to service providing groups when they own them. | DONE |
| EVENT-SP007 | Read events related to SPG memberships when they own the SPG. | DONE |
| EVENT-SP008 | Read events related to SPG grid prequalifications when they own the SPG. | DONE |
| EVENT-SP009 | Read events related to SPG product applications when they own the SPG. | DONE |

#### Third Party

No policies.

### Field Level Authorization

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

| FIELD | ANON | BRP | ES | EU | FISO | MO | SO | SP | TP |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| id |  | R | R | R | R | R | R | R | R |
| specversion |  | R | R | R | R | R | R | R | R |
| time |  | R | R | R | R | R | R | R | R |
| type |  | R | R | R | R | R | R | R | R |
| source |  | R | R | R | R | R | R | R | R |
| data |  | R | R | R | R | R | R | R | R |