# Entity

A legal (organisation) or natural person. Used in authentication.

## Business ID types

According to the type of entity, not all types of business ID can be used. Here are the acceptable values for entities:

| Type of entity | Acceptable types of business ID |
| --- | --- |
| Organisation | org (*organisasjonsnummer*) |
| Person | pid (*fødselsnummer*), email |

## Relevant links

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

## Fields

| Name | Description | Format | Reference |
| --- | --- | --- | --- |
| id | Unique surrogate identifier.Note:This is a Primary Key. | bigintRead only |  |
| business\_id | The business identifier of the entity. Format depends on business\_id\_type. | textRequiredNon-updatable |  |
| business\_id\_type | The type of the business identifier. | textRequiredNon-updatable |  |
| name | Name of the entity. Maximum 128 characters. | textRequired |  |
| type | The type of the entity, e.g Person, Organisation | textRequiredNon-updatable |  |
| 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.

## 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

| Policy key | Policy | Status |
| --- | --- | --- |
| ENT-ENT001 | Read their own ENT | DONE |

#### Common

| Policy key | Policy | Status |
| --- | --- | --- |
| ENT-COM001 | Read all organisation ENT | DONE |
| ENT-COM002 | Read all entities that are members of the current party. | DONE |
| ENT-COM003 | Read parent entity of current party. | DONE |

#### Balance Responsible Party

No policies.

#### End User

No policies.

#### Energy Supplier

No policies.

#### Flexibility Information System Operator

| Policy key | Policy | Status |
| --- | --- | --- |
| ENT-FISO001 | Read, create and update all entities. | 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-market-actors)

| FIELD | ANON | BRP | ES | EU | FISO | MO | SO | SP | TP |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| id |  | R | R | R | R | R | R | R | R |
| name |  | R | R | R | RCU | R | R | R | R |
| type |  | R | R | R | RC | R | R | R | R |
| business\_id |  | R | R | R | RC | R | R | R | R |
| business\_id\_type |  | R | R | R | RC | R | R | R | R |
| recorded\_at |  | R | R | R | R | R | R | R | R |
| recorded\_by |  | R | R | R | R | R | R | R | R |