# Security APIs

EtcdEncryptionConfig [cluster.alauda.io/v1alpha1]

# EtcdEncryptionConfig [cluster.alauda.io/v1alpha1]

### Description

EtcdEncryptionConfig is the Schema for the etcdencryptionconfig API

### Type

`object`

## Specification

| Property | Type | Description |
| --- | --- | --- |
| `apiVersion` | `string` | APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#resources ↗ |
| `kind` | `string` | Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info: |

| Property | Type | Description |
| --- | --- | --- |
| | | https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds ↗ |
| `metadata` | `ObjectMeta` | ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create. |
| `spec` | `object` | |
| `status` | `object` | |

# .spec

### Type

`object`

### Required

`resources` `rotationInterval` `type`

| Property | Type | Description |
| --- | --- | --- |
| `resources` | `array` | |
| `rotationInterval` | `string` | |
| `type` | `string` | |

# .spec.resources

### Type

`array`

# .spec.resources[]

### Type

`string`

## .status

### Type

`object`

### Required

`revision`

| Property | Type | Description |
| --- | --- | --- |
| `deployStatus` | `object` | |
| `migration` | `object` | |
| `revision` | `integer` | |

## .status.deployStatus

### Type

`object`

## .status.migration

### Type

`object`

### Required

`message` `resources` `revision` `state`

| Property | Type | Description |
| --- | --- | --- |
| `completeTimestamp` | `string` | |

| Property | Type | Description |
| --- | --- | --- |
| `message` | `string` | |
| `resources` | `array` | |
| `revision` | `integer` | |
| `state` | `string` | |

## .status.migration.resources

### Type

`array`

## .status.migration.resources[]

### Type

`string`

# API Endpoints

The following API endpoints are available:

- `/apis/cluster.alauda.io/v1alpha1/etcdencryptionconfigs`
  - `DELETE`: delete collection of EtcdEncryptionConfig
  - `GET`: list objects of kind EtcdEncryptionConfig
  - `POST`: create a new EtcdEncryptionConfig
- `/apis/cluster.alauda.io/v1alpha1/etcdencryptionconfigs/{name}`
  - `DELETE`: delete the specified EtcdEncryptionConfig
  - `GET`: read the specified EtcdEncryptionConfig
  - `PATCH`: partially update the specified EtcdEncryptionConfig

- `PUT`: replace the specified EtcdEncryptionConfig

- `/apis/cluster.alauda.io/v1alpha1/etcdencryptionconfigs/{name}/status`
  - `GET`: read status of the specified EtcdEncryptionConfig
  - `PATCH`: partially update status of the specified EtcdEncryptionConfig
  - `PUT`: replace status of the specified EtcdEncryptionConfig

# /apis/cluster.alauda.io/v1alpha1/etcdencryptionconfigs

### HTTP method

`DELETE`

### Description

delete collection of EtcdEncryptionConfig

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `Status` schema |
| 401 - Unauthorized | Empty |

### HTTP method

`GET`

### Description

list objects of kind EtcdEncryptionConfig

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `EtcdEncryptionConfigList` schema |
| 401 - Unauthorized | Empty |

### HTTP method

`POST`

### Description

create a new EtcdEncryptionConfig

### Query parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `dryRun` | `string` | When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed |
| `fieldValidation` | `string` | fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered. |

### Body parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `body` | `EtcdEncryptionConfig` schema | `application/json` formatted |

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `EtcdEncryptionConfig` schema |
| 201 - Created | `EtcdEncryptionConfig` schema |
| 202 - Accepted | `EtcdEncryptionConfig` schema |
| 401 - Unauthorized | Empty |

# /apis/cluster.alauda.io/v1alpha1/etcdencryptionconfigs/{name}

### HTTP method

`DELETE`

### Description

delete the specified EtcdEncryptionConfig

### Query parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `dryRun` | `string` | When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed |

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `Status` schema |
| 202 - Accepted | `Status` schema |
| 401 - Unauthorized | Empty |

### HTTP method

`GET`

### Description

read the specified EtcdEncryptionConfig

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `EtcdEncryptionConfig` schema |
| 401 - Unauthorized | Empty |

### HTTP method

`PATCH`

### Description

partially update the specified EtcdEncryptionConfig

### Query parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `dryRun` | `string` | When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed |
| `fieldValidation` | `string` | fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. |

| Parameter | Type | Description |
| --- | --- | --- |
| | | This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered. |

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `EtcdEncryptionConfig` schema |
| 401 - Unauthorized | Empty |

### HTTP method

`PUT`

### Description

replace the specified EtcdEncryptionConfig

### Query parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `dryRun` | `string` | When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed |
| `fieldValidation` | `string` | fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, |

| Parameter | Type | Description |
| --- | --- | --- |
| | | and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered. |

### Body parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `body` | `EtcdEncryptionConfig` schema | `application/json` formatted |

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `EtcdEncryptionConfig` schema |
| 201 - Created | `EtcdEncryptionConfig` schema |
| 401 - Unauthorized | Empty |

## /apis/cluster.alauda.io/v1alpha1/etcdencryptionconfigs/{name}/status

### HTTP method

`GET`

### Description

read status of the specified EtcdEncryptionConfig

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `EtcdEncryptionConfig` schema |
| 401 - Unauthorized | Empty |

### HTTP method

`PATCH`

### Description

partially update status of the specified EtcdEncryptionConfig

### Query parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `dryRun` | `string` | When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed |
| `fieldValidation` | `string` | fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered. |

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `EtcdEncryptionConfig` schema |
| 401 - Unauthorized | Empty |

### HTTP method

`PUT`

### Description

replace status of the specified EtcdEncryptionConfig

### Query parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `dryRun` | `string` | When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed |

| Parameter | Type | Description |
| --- | --- | --- |
| `fieldValidation` | `string` | fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered. |

### Body parameters

| Parameter | Type | Description |
| --- | --- | --- |
| `body` | `EtcdEncryptionConfig` schema | `application/json` formatted |

### HTTP responses

| HTTP code | Response body |
| --- | --- |
| 200 - OK | `EtcdEncryptionConfig` schema |
| 201 - Created | `EtcdEncryptionConfig` schema |
| 401 - Unauthorized | Empty |