

DeleteAclResponse

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Kind: Interface

Source: `packages/microservices/external/kafka.interface.ts`

Part of: [Microservices](#)

`DeleteAclResponse` represents the Kafka broker response returned after a delete-ACL request. It includes the broker-applied throttle duration and a result entry for each ACL filter submitted in the request.

Properties

Property	Type
<code>throttleTime</code>	<code>number</code>
<code>filterResponses</code>	<code>DeleteAclFilterResponses[]</code>

Diagram

```
graph LR
  Client[Kafka Client] --> Request[Delete ACL Request]
  Request --> Broker[Kafka Broker]
  Broker --> Response[DeleteAclResponse]
  Response --> Throttle[throttleTime: number]
  Response --> Filters[filterResponses: DeleteAclFilterResponses[]]
  Filters --> FilterResult[Per-filter deletion results]
```

Usage

```
import type { DeleteAclResponse } from './kafka.interface';

function handleDeleteAclResponse(response: DeleteAclResponse): void {
  console.log(`Broker throttle time: ${response.throttleTime}ms`);
}
```

```

    for (const filterResponse of response.filterResponses) {
      console.log('Processed ACL deletion filter:', filterResponse);
    }
  }

  // Example response returned by a Kafka ACL deletion operation
  const response: DeleteAclResponse = await kafkaAdmin.deleteAcls({
    filters: [
      {
        resourceType: 2,
        resourceName: 'orders',
        patternType: 3,
      },
    ],
  });

  handleDeleteAclResponse(response);

```

AI Coding Instructions

- Treat `filterResponses` as a per-filter result list; preserve its ordering when correlating results with the original delete-ACL filters.
- Use `throttleTime` to respect Kafka broker rate limiting before issuing subsequent administrative requests.
- Inspect each `DeleteAclFilterResponses` entry for filter-specific errors rather than assuming the overall request succeeded.
- Keep this interface aligned with the Kafka Delete ACLs protocol response schema when upgrading Kafka client or protocol support.

How it works

`DeleteAclResponse` is an exported TypeScript interface in a file intended to represent KafkaJS package types rather than NestJS logic.

[packages/microservices/external/kafka.interface.ts:1-8](#) It describes the resolved value of `Admin.deleteAcls`, whose argument is an object containing a required `filters: AclFilter[]` property. [packages/microservices/external/kafka.interface.ts:497-500](#)
[packages/microservices/external/kafka.interface.ts:502-560](#)

- `throttleTime` is a required `number`.
[packages/microservices/external/kafka.interface.ts:497-499](#)
- `filterResponses` is a required array of `DeleteAclFilterResponses`.
[packages/microservices/external/kafka.interface.ts:497-500](#)

- Each filter response contains a required numeric `errorCode` , an optional `errorMessage` , and a required `matchingAcls` array.
[packages/microservices/external/kafka.interface.ts:491-495](#)
- Each matching ACL records its resource type, resource name, resource-pattern type, principal, host, operation, permission type, numeric error code, and optional error message. [packages/microservices/external/kafka.interface.ts:479-489](#)

The deletion filters require `resourceType` , `resourcePatternType` , `operation` , and `permissionType` ; `resourceName` , `principal` , and `host` are optional.

[packages/microservices/external/kafka.interface.ts:469-477](#)

This interface contains no runtime implementation, validation, thrown-error declaration, or side-effect logic; it only declares the response shape.

[packages/microservices/external/kafka.interface.ts:1-8](#)

[packages/microservices/external/kafka.interface.ts:497-500](#)