

# API EMRClusters Create v4

✔ This is the latest version of the APIs.

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Create an EMR cluster identifier object in the Trifacta® platform.

**i NOTE:** APIs for EMR clusters apply only to instances of the Trifacta platform that are integrated with Amazon EMR clusters. These APIs can be used to manage switching between EMR clusters when needed.

**i NOTE:** There can be only one EMR cluster registered with the platform at any time. The registered cluster is always the active one.

✔ **Tip:** You can use the `PATCH` method on the current `EMRCluster` object to update the EMR cluster ID that is active for the platform. See *API EMRClusters Patch v4*.

**Version:** v4

## Required Permissions

**i NOTE:** Each request to the Trifacta® platform must include authentication credentials. See *API Authentication*.

## Request

**Request Type:** POST

**Endpoint:**

```
/v4/emrClusters/
```

**Request URI - Example:**

```
/v4/emrClusters/
```

**Request Body:**

```
{
  "emrClusterId": "a-2BFK2$KVR7QQ",
  "resourceBucket": "3dog-testing-emr-spark",
  "resourcePath": "",
  "region": "us-west-2"
}
```

## Response

**Response Status Code - Success:** 201 - Created

### Response Body Example:

```
{
  "id": 1,
  "emrClusterId": "a-2BFK2$KVR7QQ",
  "resourceBucket": "3dog-testing-emr-spark",
  "resourcePath": "",
  "region": "us-west-2",
  "updatedAt": "2019-02-14T01:20:51.303Z",
  "createdAt": "2019-02-14T01:20:51.303Z"
}
```

## Reference

For more information, see *API EMRClusters Get v4*.