



# GetAccountEfficiency

Element Software

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# GetAccountEfficiency

You can use `GetAccountEfficiency` to get efficiency statistics about a volume account. This method returns efficiency information only for the account you give as a parameter.

## Parameters

This method has the following input parameters:

Name	Description	Type	Default value	Required
accountID	Specifies the volume account for which efficiency statistics are returned.	integer	None	Yes

## Return value

This method has the following return value:

Name	Description	Type
compression	The amount of space saved by data compression for all volumes in the account. Stated as a ratio where a value of "1" means data has been stored with no compression.	float
deduplication	The amount of space saved by not duplicating data for all volumes in the account. Stated as a ratio.	float
missingVolumes	The volumes that could not be queried for efficiency data. Missing volumes can be caused by the Garbage Collection (GC) cycle being less than an hour old, temporary loss of network connectivity, or restarted services since the GC cycle.	integer array
thinProvisioning	The ratio of space used to the amount of space allocated for storing data. Stated as a ratio.	float

Name	Description	Type
timestamp	The last time efficiency data was collected after Garbage Collection (GC), in UTC+0 format.	ISO 8601 date string

## Request example

Requests for this method are similar to the following example:

```
{
  "method": "GetAccountEfficiency",
  "params": {
    "accountID": 3
  },
  "id": 1
}
```

## Response example

This method returns a response similar to the following example:

```
{
  "id": 1,
  "result": {
    "compression": 2.020468042933262,
    "deduplication": 2.042488619119879,
    "missingVolumes": [],
    "thinProvisioning": 1.010087163391013,
    "timestamp": "2014-03-10T14:06:02Z"
  }
}
```

## New since version

9.6

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