Sizing view

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# Introduction

This is the sizing point of view of the project. It determines the hardware required by the project.

The other views of the document are accessible [from here](./README.adoc).

The project glossary is available [here](glossary.adoc). We will not redefine the functional or technical terms used here.

## Reference Documentation

Sizing documentary references

| N ° | Version | Document title / URL | Detail |
| --- | --- | --- | --- |
|  |  |  |  |

# Not ruled

## Points subject to further study

Points subject to further study

| ID | Detail | Status | Subject holder | Deadline |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

## Assumptions

Assumptions

| ID | Detail |
| --- | --- |
|  |  |

# Constraints

## Storage constraints

## CPU constraints

## Memory constraints

## Network constraints

# Requirements

## Static sizing

### Metrics

| Metric | Description | Measured or Estimated? | Value | Forecast annual increase (%) | Source | Detail/assumptions |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |

### Estimated storage needs

## Dynamic sizing

### Metrics

| Metric | Description | Measured or Estimated? | Value | Forecast annual increase (%) | Seasonality | Source | Detail/assumptions |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |

### Estimated load

## Response time requirements

### Response time of GUIs

Types of solicitation:

| Type of request | Good level | Medium level | Insufficient level |
| --- | --- | --- | --- |
|  |  |  |  |

### Duration of batch execution

# Target sizing

## Estimate of resource requirements by technical component

Estimation of resource requirements by technical component

| Deployable unit | (V)CPU requirement per instance | Memory requirement per instance (MiB) | Periods of activity | Comments |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

## Sizing of machines

Sizing of machines

| Zone | Machine type | Number of machines | Number of (V)CPU | Memory (GiB) | Internal disk (GiB) | External disk (GiB) |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |

Non-SAN external storage

| Nature | Size (Gio) | Type(s) of machine using this share |
| --- | --- | --- |