KTD-000 Title or descriptive name

[Header](#_4thdmm7lmvbk)

[Background](#_cb6q3kq5sssy)

[Challenge](#_tmt0jhnj8klf)

[Background information](#_t7xfmfnapenp)

[Key requirements](#_6h9u6xcvkfjc)

[Clarification questions](#_yx02iaij6w8e)

[Solutions](#_m4gp39fk7r1j)

[Discussion and decision](#_v7rjx6e2anfu)

[Follow up questions](#_ayjtnukz8wc9)

[Assumptions](#_3dbnm33p4i9v)

[Key points](#_t28wfya1a48y)

[Decision](#_oi8lqre7g0l7)

# Header

| **Staus** | Scheduled |
| --- | --- |
| **Impact** | High |
| **Related KTDs** | Links to other KTDs |
| **Related user stories** | Links to backlog items |
| **Business owner** |  |
| **Driver** |  |
| **Approver** |  |
| **Contributors** |  |
| **KTD tasks** | Links to backlog items that are part of the KTD (i.e. PoCs) |

# Background

## Challenge

Define, in a few sentences, the challenge that needs to be addressed with this key technical decision.

## Background information

Provide any background items or link to any relevant information (diagrams, wiki pages, etc.) related to this particular challenge.

## Key requirements

* Provide a list of high level requirements
* As defined by the client
* This list should accurately define the scope of the potential solutions

## Clarification questions

| **Question** | **Answer** |
| --- | --- |
|  |  |
|  |  |

# Solutions

|  | **Solution A** | **Solution B** | **Solution C** |
| --- | --- | --- | --- |
| **Solution description** | Provide a brief and relevant description of the solution approach | Provide a brief and relevant description of the solution approach | Provide a brief and relevant description of the solution approach |
| **Advantages** | This is an advantage | This is an advantage  This is an advantage | This is an advantage  This is an advantage  This is an advantage |
| **Disadvantages** | This is a disadvantage | This is a disadvantage  This is a disadvantage | This is a disadvantage  This is a disadvantage  This is a disadvantage |
| **Performance** | Average | Good | Good |
| **Scalability** | Bad | Good | Good |
| **Portability** | Good | Average | Good |
| **Accessibility** | Very bad | Average | Bad |
| **Ease of use** | Good | Good | Good |
| **Complexity** | Good | Average | Good |
| **Maintainability** | Good | Good | Very bad |
| **Implementation costs** | Bad | Bad | Good |
| **Operational costs** | Good | Good | Average |

# Discussion and decision

## Follow up questions

| **Question** | **Answer** |
| --- | --- |
|  |  |
|  |  |

## Assumptions

* List the main assumptions
* Of the selected suggestion
* Here

## Key points

* Add key points of the decision
* In this list

## Decision

Record the decision here.