Infrastructure view

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# Introduction

This is the infrastructure point of view of the application. It describes the deployment of application modules in their target execution environment and all the devices ensuring their proper functioning.

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

Development 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

## Constraints on availability

### MTTD

### Monitoring tools

### MTTR

#### Hardware

#### System and virtualization

#### Network

#### Data Restore

### Scheduled interruptions

### Level of service of the datacenter

### Summary of floor availability

### Disaster management (DRP/BCP)

## Hosting

## Network constraints

## Deployment constraints

## Log constraints

## Backup and restore constraints

## Costs

# Requirements

## Operating ranges

Operating ranges

| ID beach | Hours | Detail |
| --- | --- | --- |
|  |  |  |

## Availability requirements

### Availability by operating range

Maximum allowable downtime per range

| ID Beach | Maximum downtime |
| --- | --- |
|  |  |

## Degraded modes

## Robustness requirements

## RPO requirements

## RTO Requirements

## Deployment and update requirements

### Server side

### Customer side

### Specific deployment strategy

## Concurrency management requirements

## Ecodesign requirements

# Target architecture

## Principles

## Availability

## Deployment in production

## Versions of infrastructure components

Infrastructure components

| Component | Role | Version | Technical environment |
| --- | --- | --- | --- |
|  |  |  |  |

## Matrix of network flows

Technical flow matrix

| ID | Source | Destination | Network type | Protocol | Listening port |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |

## Environments

## Ecodesign

## Load regulation

### Circuit breakers

### Quality of Service

## Timeout management

## Operations

### Stop/start-up sequence

### Scheduled operations

### Switch to maintenance mode procedure

### Backups and restores

### Logs

### Monitoring

#### Technical monitoring

#### Application monitoring

#### Monitoring tools

#### Alerting

#### Black box monitoring

#### Metrology

## Jobs scheduling

## Migrations

## Decommissioning