

# [TEMPLATE] Feature blueprint

**\*\*Draft\*\***



This document should be created, presented, discussed and approved by TSC before M0 of the particular release. It should contain as much detailed as possible definition of what is planned within the nearest release to be accomplished.

## 1. Introduction

- Purpose of the document: This document describes an intention, vision, and later, details of the solution of the next piece of TF product. It collects all important information and references to further documentation allowing proper understanding and usage of this functionality.
- Blueprint/Feature Lead: *contact to the nominated person*
- Core team: *contacts to the core team members*
- Jira Epic TT: *link to Jira ticket*

## 2. Problem statement

*Description of the problem, the requirement being solved for new or existing features. Use cases*

## 3. Proposed solution

*Describe the idea and the logic of the proposed solution.*

### 3.1 Affected Modules

*Affected modules form the agreed list of [Modules and components](#) - this will also define the list of approvers for the blueprint*

### 3.2 Alternatives considered

*Describe the pros and cons of alternatives considered.*

### 3.3 API schema changes

*Describe API schema changes and impact to the REST APIs.*

### 3.4 User workflow impact

*Describe how users will use the feature.*

### 3.5 UI changes

*Describe any UI changes*

### 3.6 Operations and Notification impact

*Describe how to operate the feature, describe the operational impact, describe any log, UVE, alarm changes*

## 4. Implementation

### 4.1 Assignee(s)

*List dev and test assignments*

### 4.2 Work items

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*Describe changes needed for different components such as Controller, Analytics, Agent, UI. Add subsections as needed.*

## 5. Performance and scaling impact

### 5.1 API and control plane

*Scaling and performance for API and control plane*

### 5.2 Forwarding performance

*Scaling and performance for API and forwarding*

## 6. Upgrade

*Describe the upgrade impact of the feature. Schema migration/transition*

## 7. Deprecations

*If this feature deprecates any older feature or API then list it here.*

## 8. Dependencies

*Describe dependent features or components.*

## 9. Testing

### 9.1 Unit tests

### 9.2 Dev tests

### 9.3 System tests

## 10. Documentation Impact

## 11. References