MOTIVATING MBT

André Reichstaller
Andre.Reichstaller@bmwgroup.com
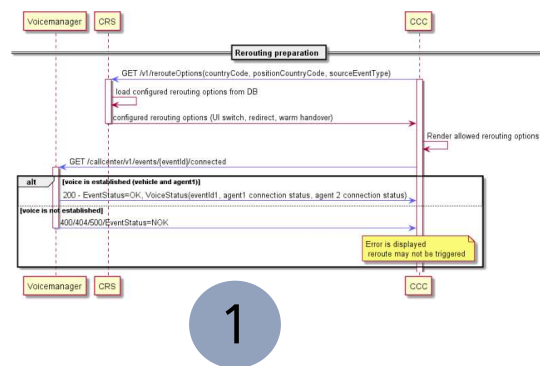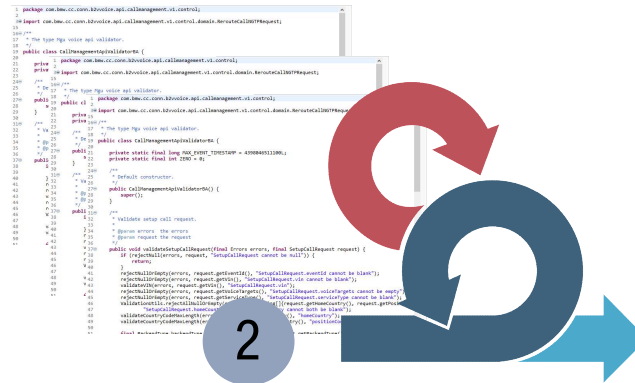
BMW GROUP

THE NEXT 100 YEARS

DEVELOPMENT CYCLE

1 Requirements & Specification @ BMW

2 Development & Testing @ Provider

Review **3**

4 Deployment & Ops @ BMW

DEVELOPMENT CYCLE

1 Requirements & Specification @ BMW

2 Development & Testing @ Provider
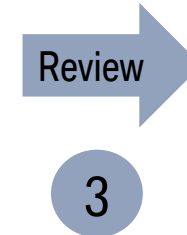
3 Review

4 Deployment & Ops @ BMW
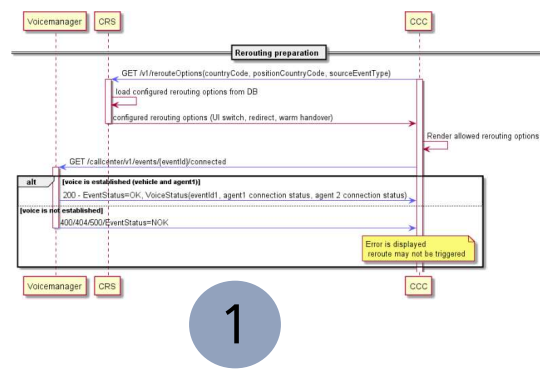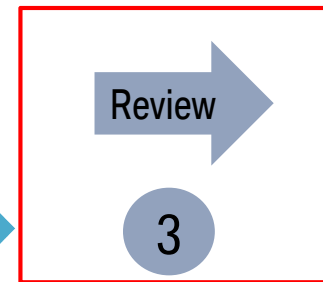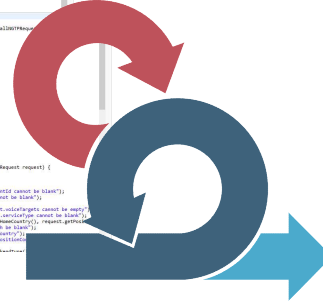
DEVELOPMENT CYCLE

Requirements & Specification @ BMW
Development & Testing @ Provider
Deployment & Ops @ BMW

Service 1

Review

1 2 3 4

Requirements & Specification @ BMW
Development & Testing @ Provider
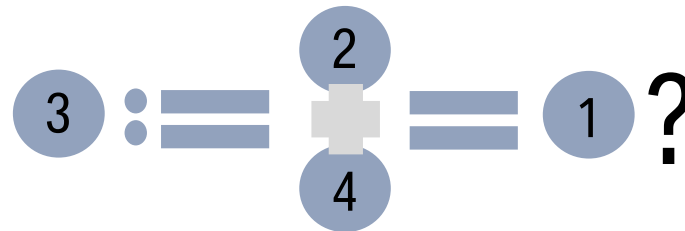Deployment & Ops @ BMW

Service 2

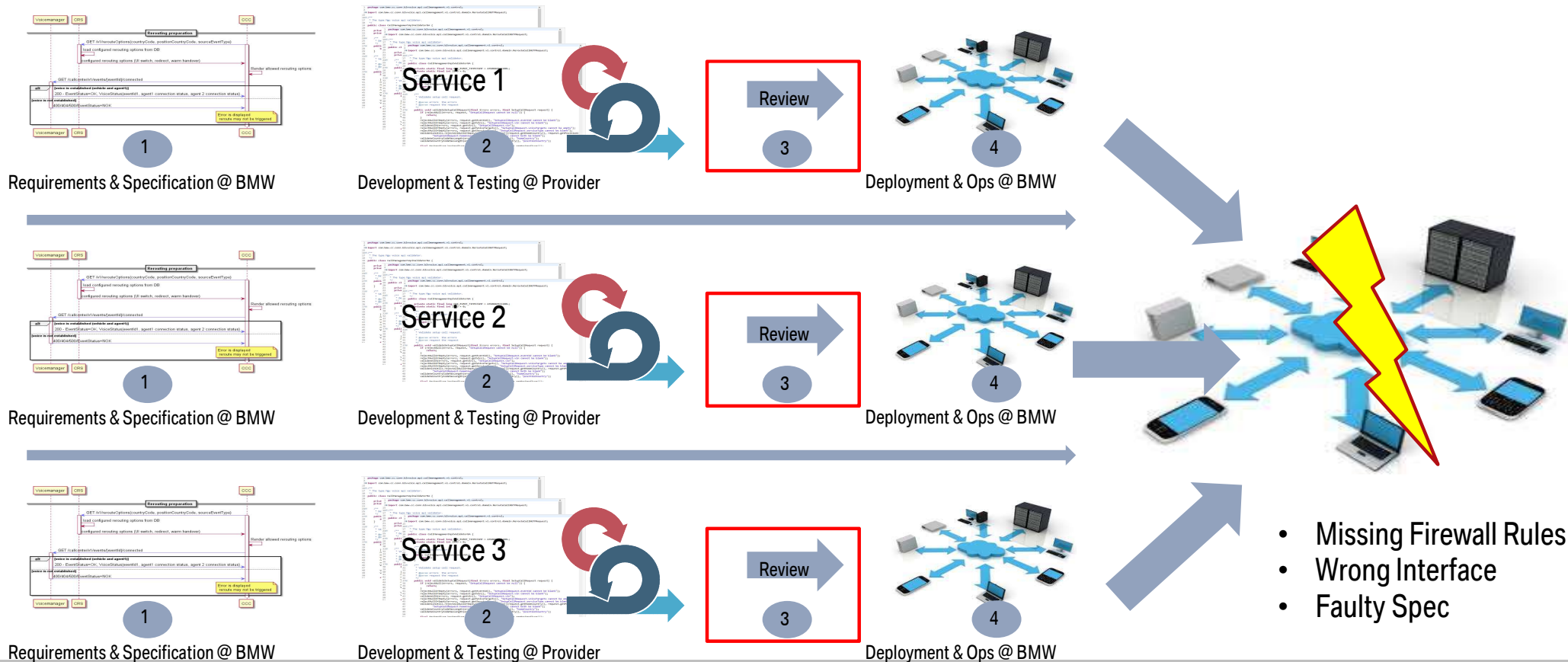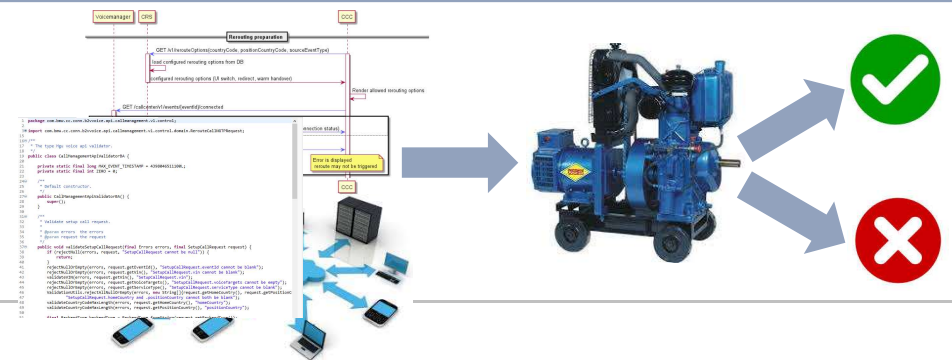**Review**

1 2 3 4

Requirements & Specification @ BMW
Development & Testing @ Provider
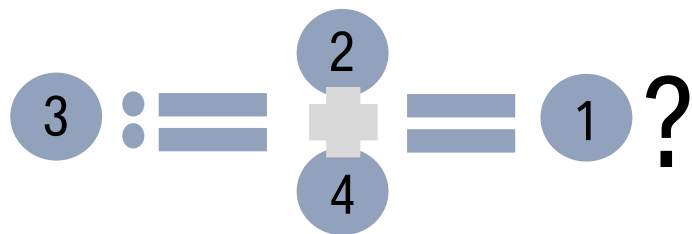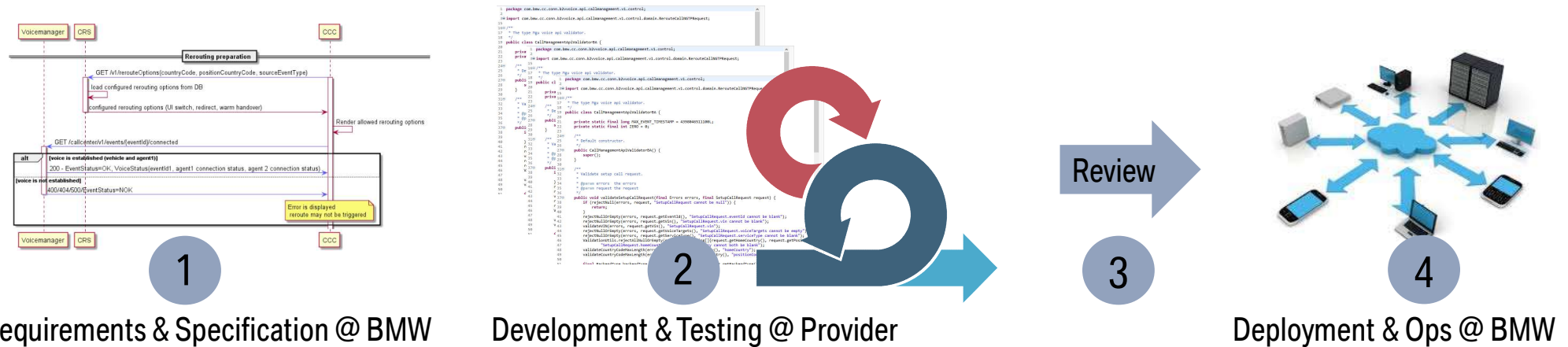Deployment & Ops @ BMW

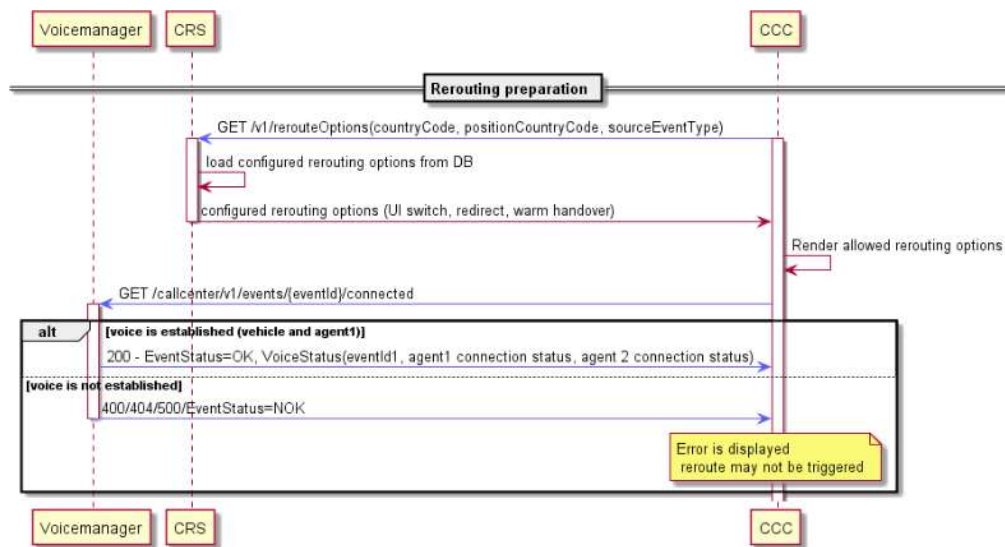Service 3

Review

1 2 3 4

- Missing Firewall Rules
- Wrong Interface
- Faulty Spec

DEVELOPMENT CYCLE

1 Requirements & Specification @ BMW

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Review

3

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EXAMPLE: CALL TRANSFER PREPARATION USE CASE

Functional:

- Kind of request and full route.
- Input parameter names and domains
- Specified Return Status
- Output parameter names and domains (json)

Non-Functional:

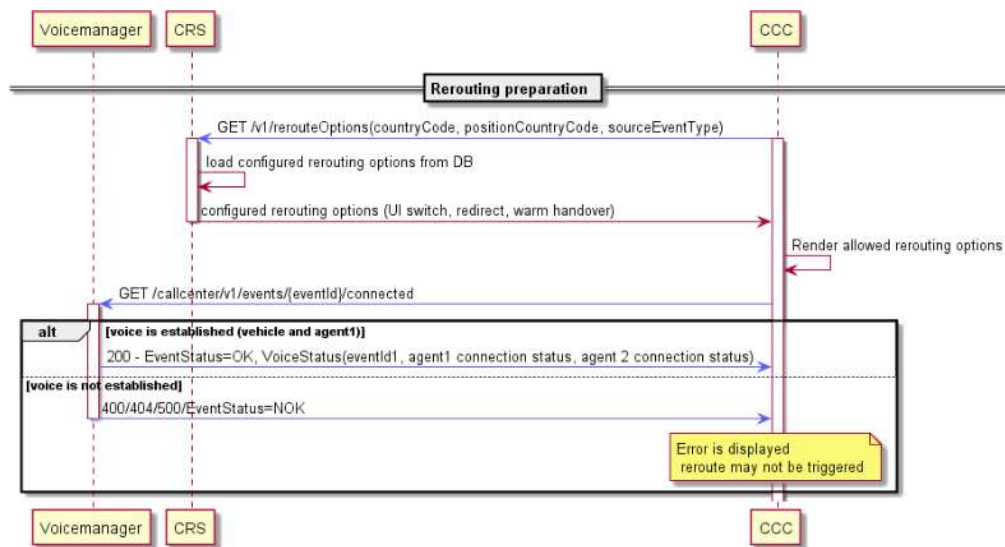- Which response time is reasonable?
- …

TECHNOLOGY PROPOSAL

EXAMPLE AND QUESTIONS

Given „<param1>" is „<value1>
    And „<param2>" is „<value2>"
    …
    And „<paramN>" is „<valueN>"
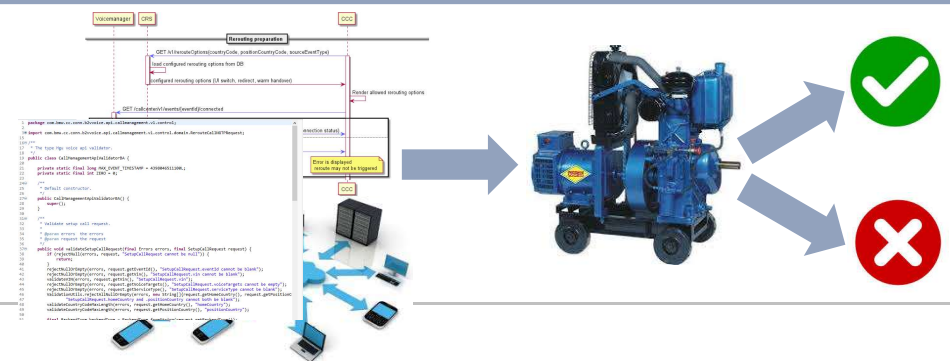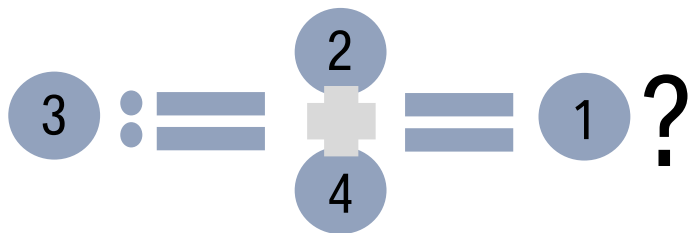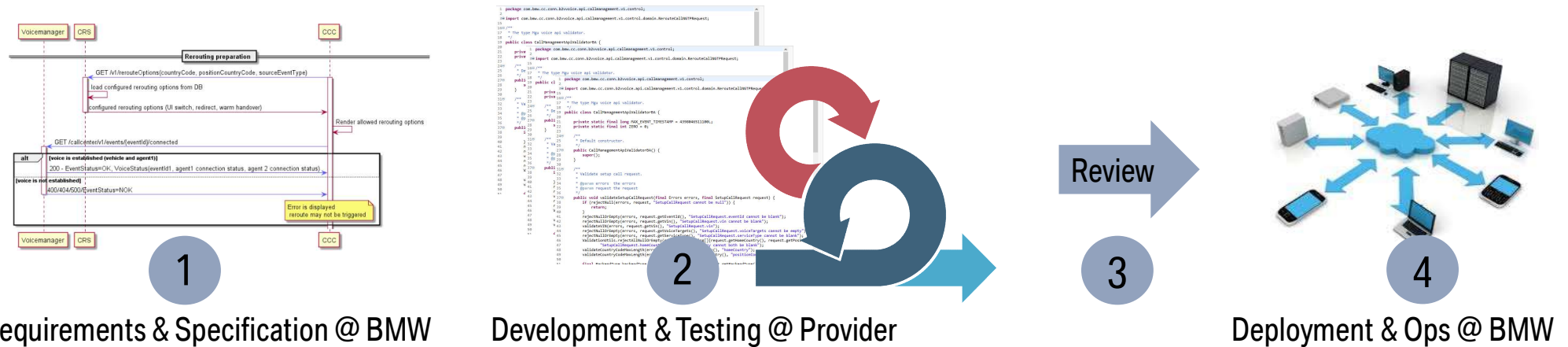When CCC wants to GET | POST | PUT <path> from CRS
Then CRS should return <functional requirements>
- params
- status

by <non-functional requirements>
- less than XXX seconds

Unified request and response scheme in plantUML ?
How to map request and response ?

OBJECTIVE

1 Requirements & Specification @ BMW

2 Development & Testing @ Provider

3 Review

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THANKS!

QUESTIONS?