



NAVELINK

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| Issued by | Date | | |
| Conceptual team | 202104-12 | | |
| Approved by | Classification | | |
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Navelink Industry Consortium

Navelink Service Hotel

[Navelink.org](https://navelink.org)

DocId: 0139
Version: v0.1

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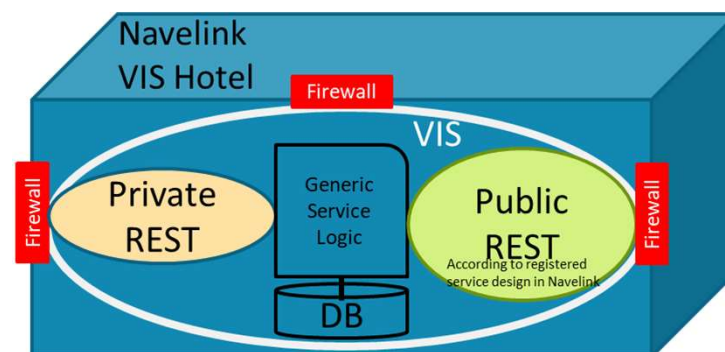
Introduction

The purpose is to provide an alternative for hosting a service instance registered in Navelink. The first phase constrains the services to instances based on design Voyage Information Service (VIS) v2.2.

Later, support for SECOM service can be added.

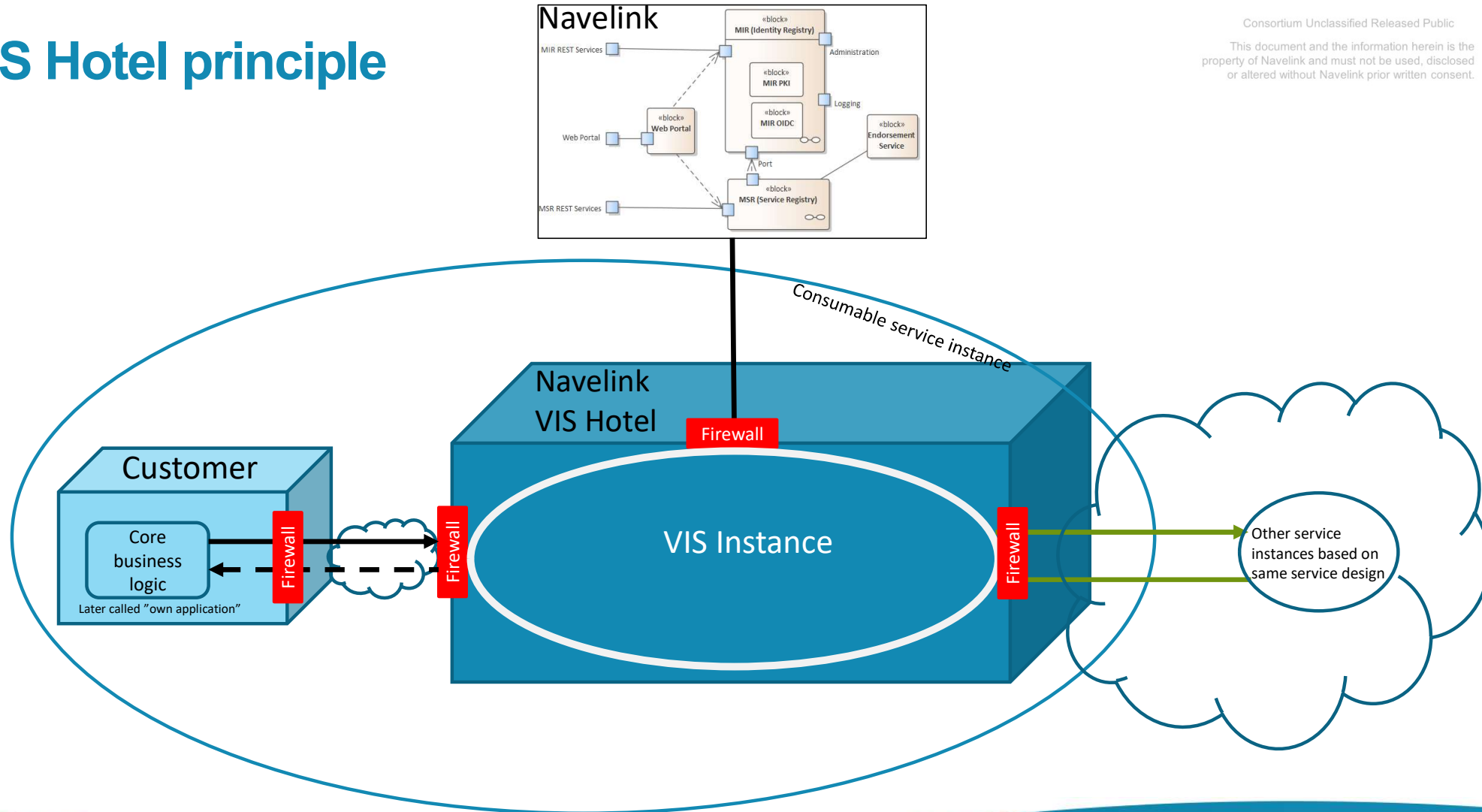
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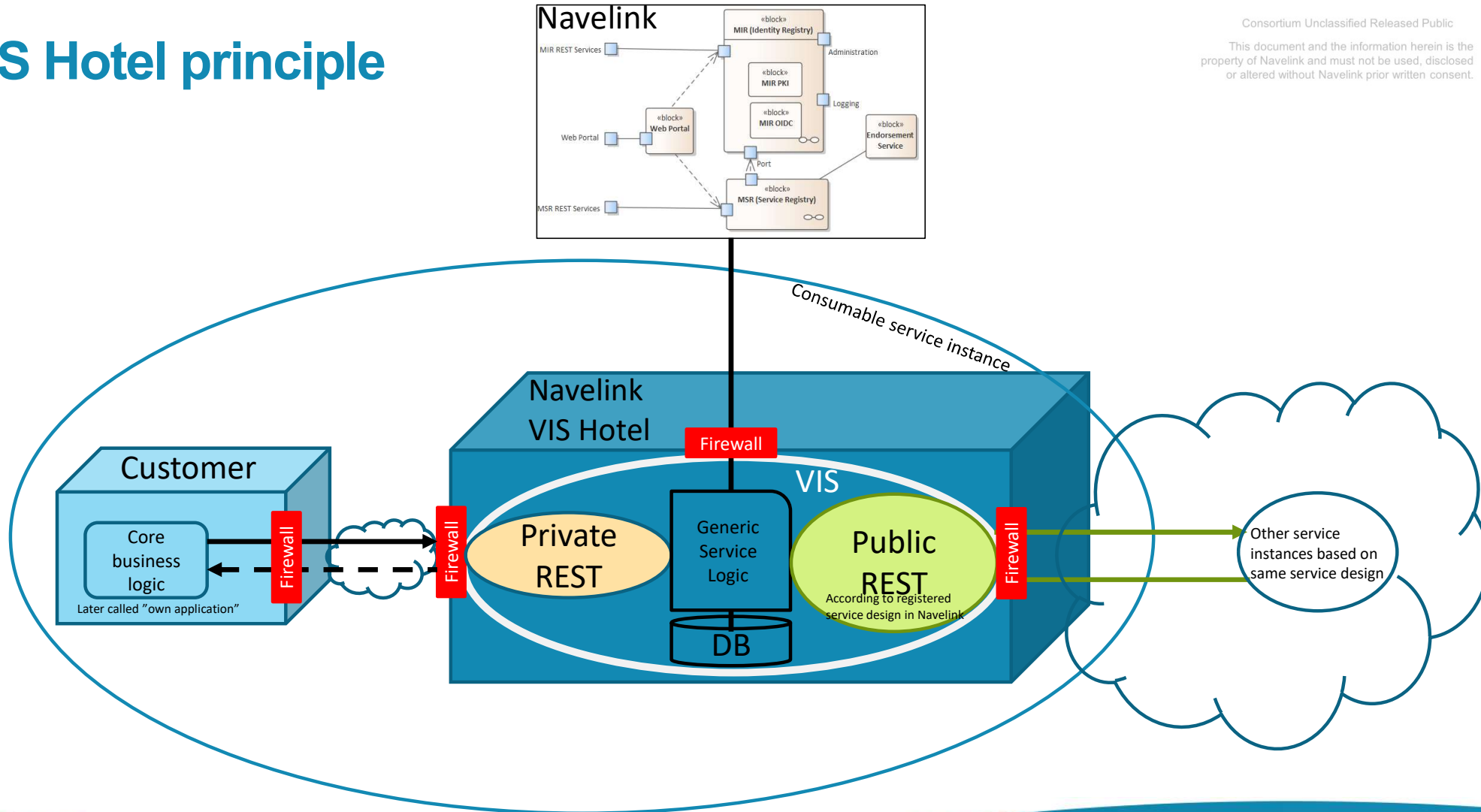
VIS Hotel principle

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VIS Hotel principle

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Responsibility, contracts etc.

Customer responsibility:

- Responsible for the core business (operational) logic behind the service instance.
- Responsible for the availability and performance of own application
- Responsible for the information security on own application.
- Responsible for the output from the service instance
- Responsible for the registration of service instance in Navelink.

- Responsible for upholding agreed contract for the hosting of service instance in Navelink.

Navelink responsibility:

- Responsible for the availability and performance of the generic (VIS) service instance.
- Responsible for the information security to and from the private side.
- Responsible for the information security to and from the public side.
- Responsible for the technical interoperability of the public side (public REST service).
- Responsible for the host certificate (Navelink generated Let's Encrypt if not otherwise agreed)
- Responsible for the configuration of the service instance.

Costs

- TBD

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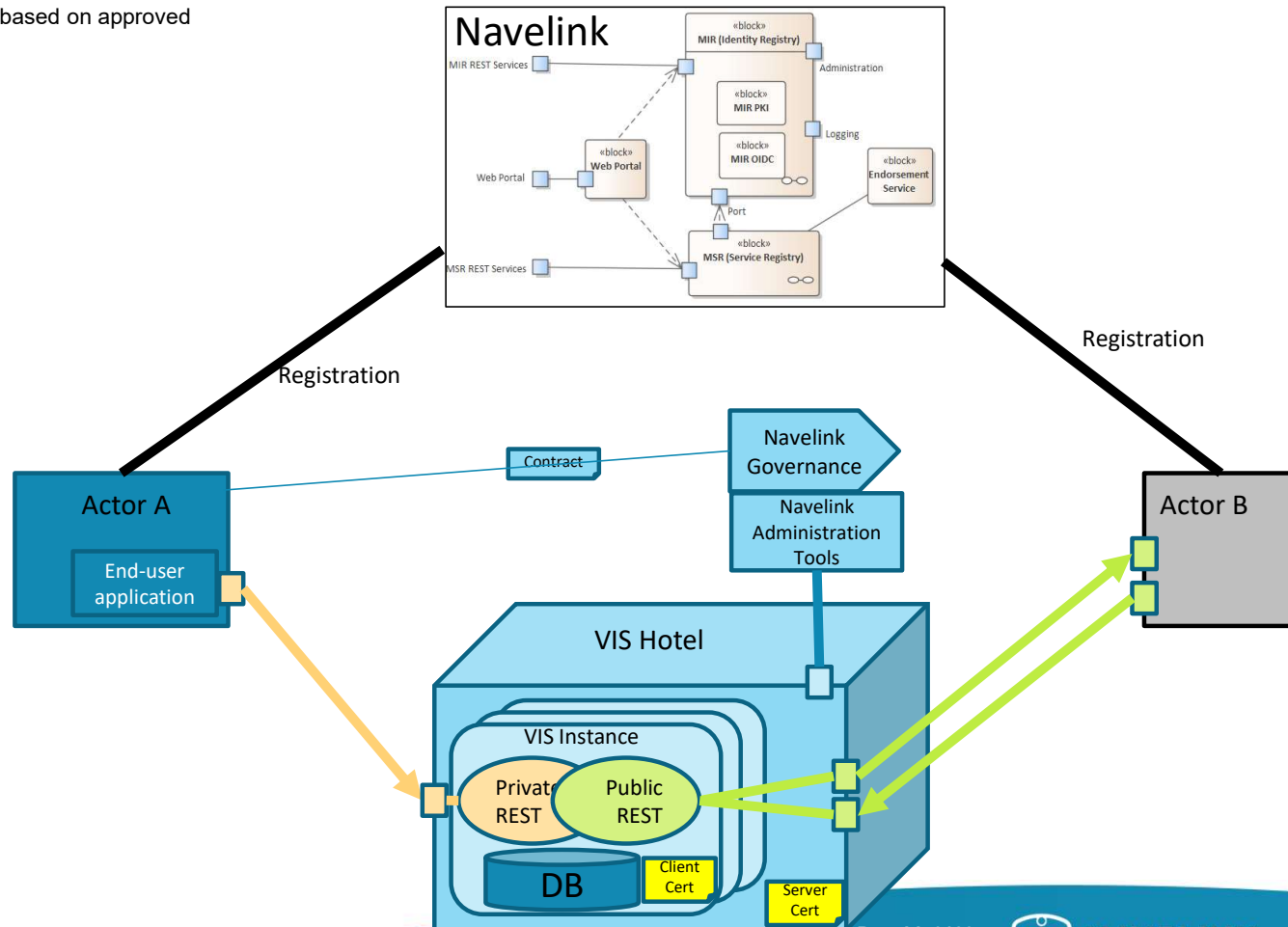
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What is a VIS Hotel?

VIS Hotel is a place where customers can deploy service instances based on approved VIS Technical Design v2.2, and other service designs in the future.

Benefits:

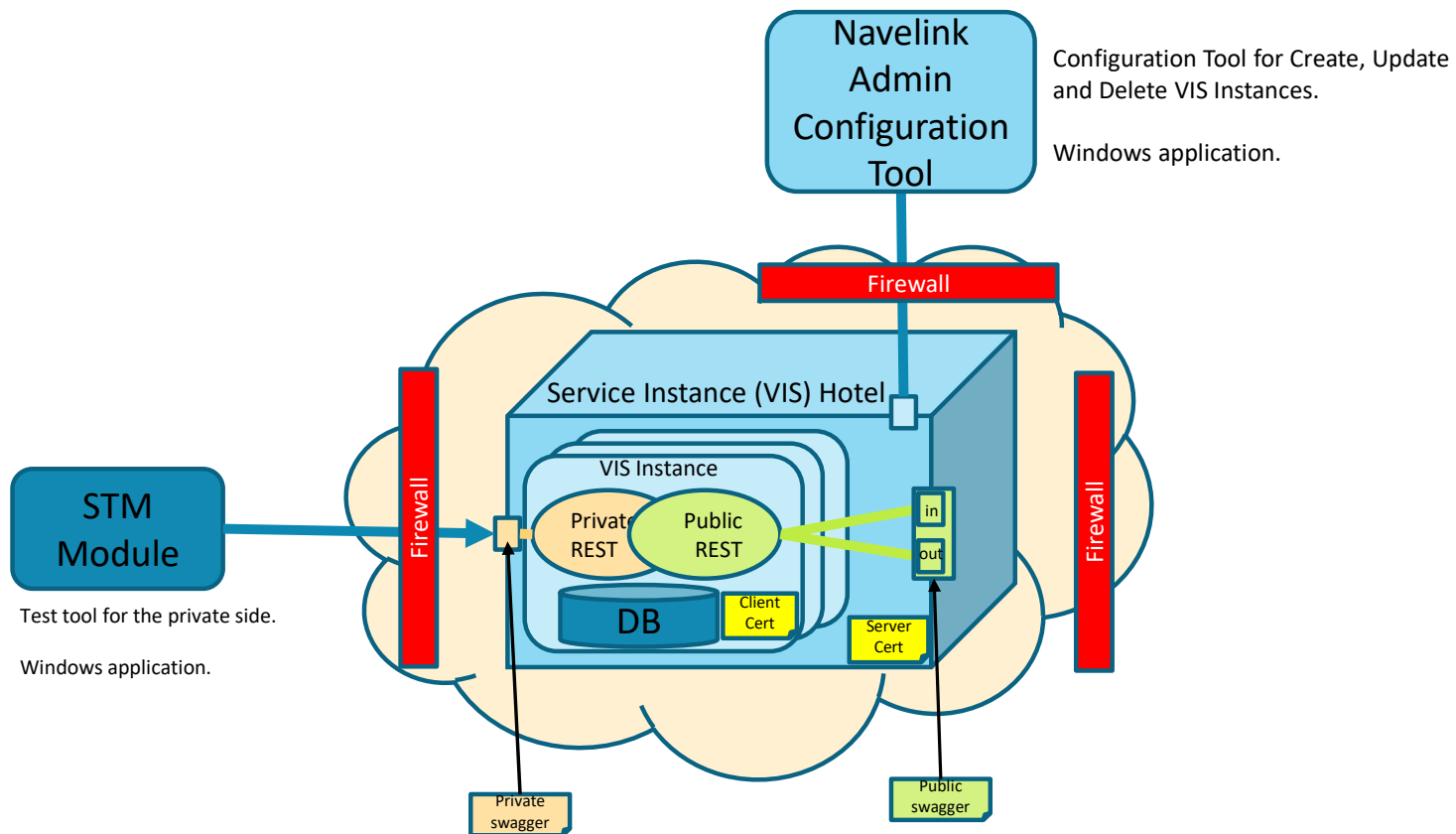
- VIS Hotel simplifies procedure for Actor to register and expose service and the Actor can focus on its core business application
- VIS Hotel lessens customers burden and cost on IT to maintain server for services.
- VIS Hotel handles interoperability on public side and ensures compatibility with VIS technical design
- VIS Hotel handles first line authentication
- VIS Hotel can handle access control, subscription and offline access to data.
- VIS Hotel handles duplex communication on public side although actor may be constrained to simplex communication (e.g. only outgoing interaction)



Logical Architecture

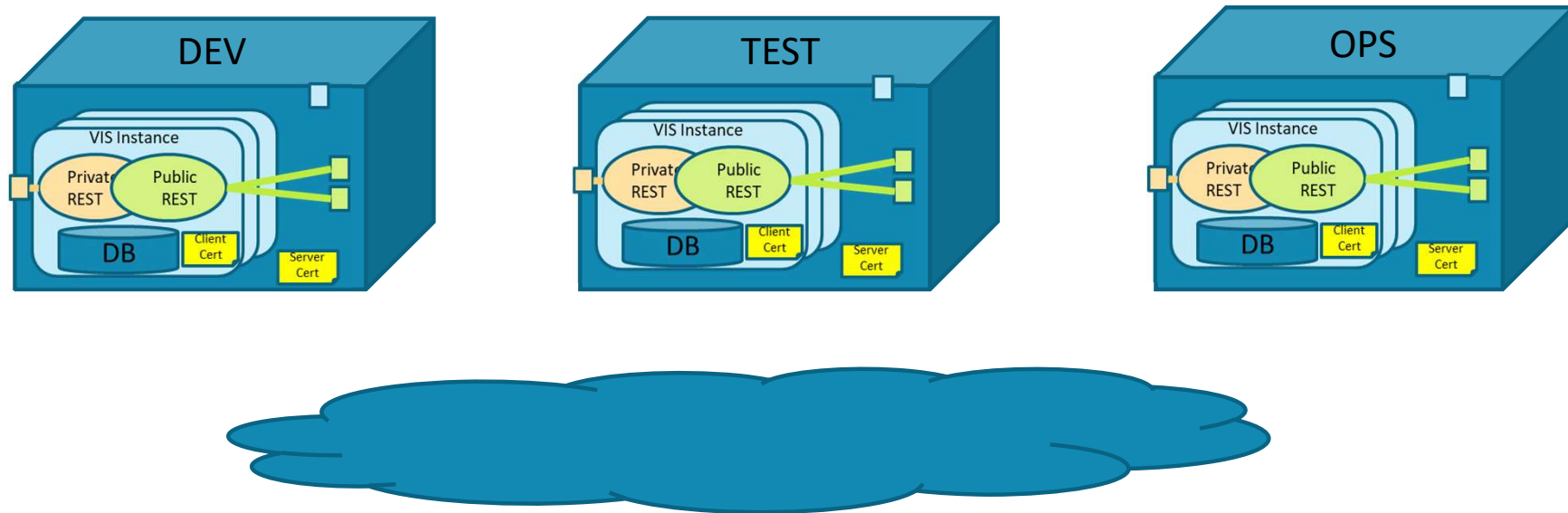
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Conceptual sketch

- One server for each environment





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