

**Akana**

**Reference Architecture**

Akana

Reference Architecture

V8.4.x

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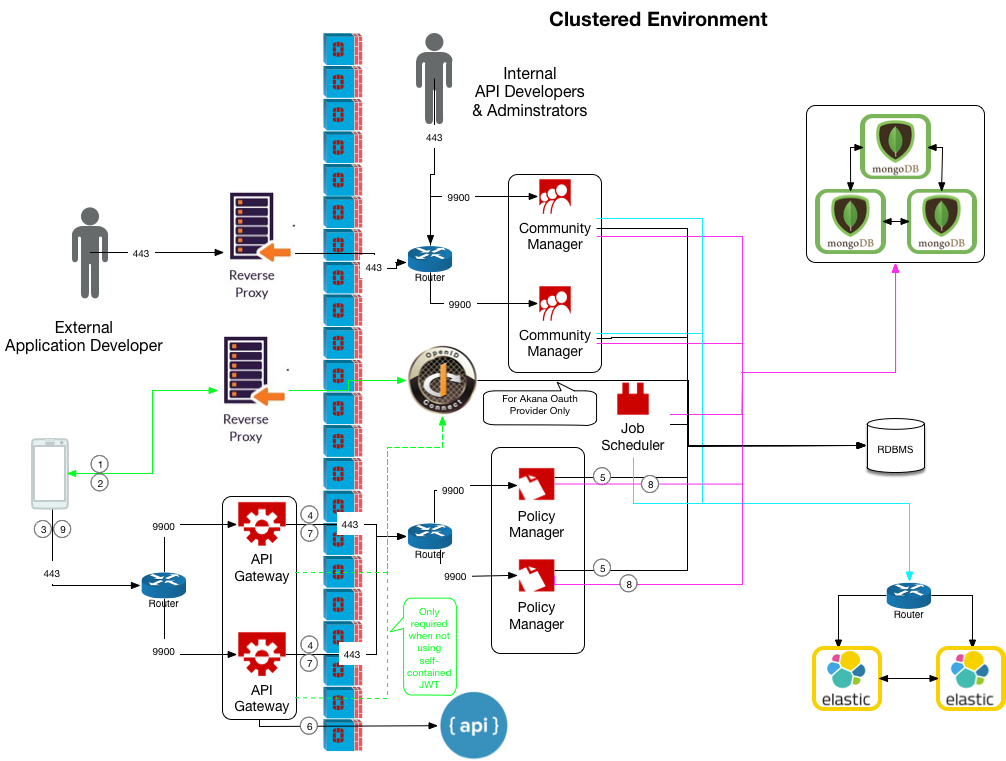
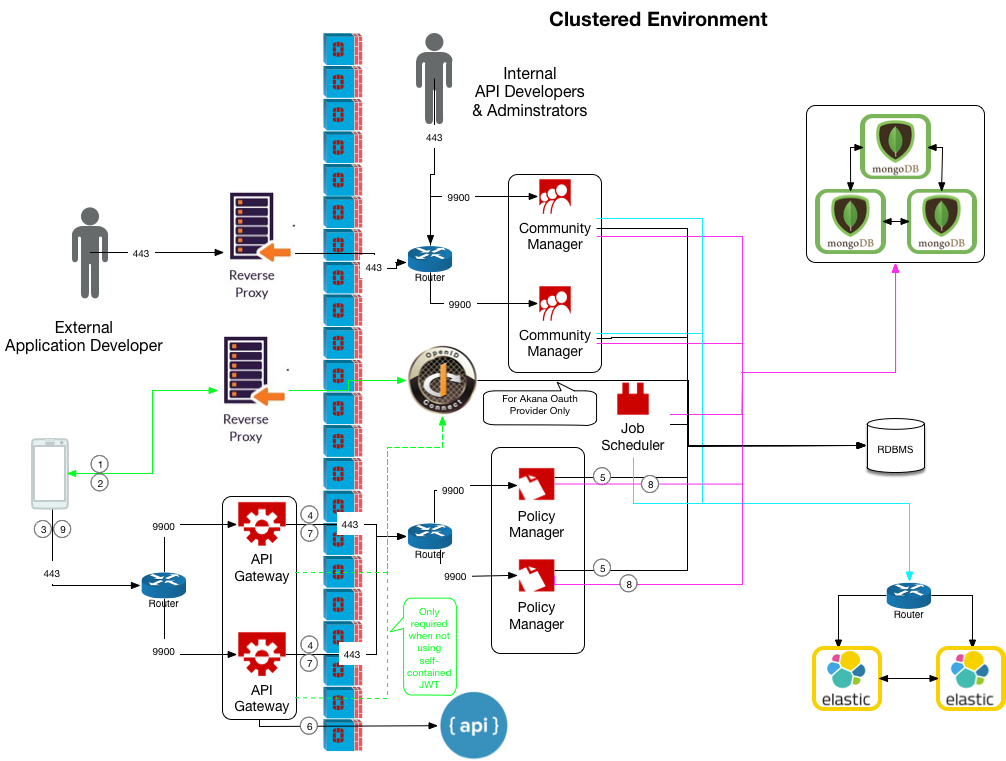
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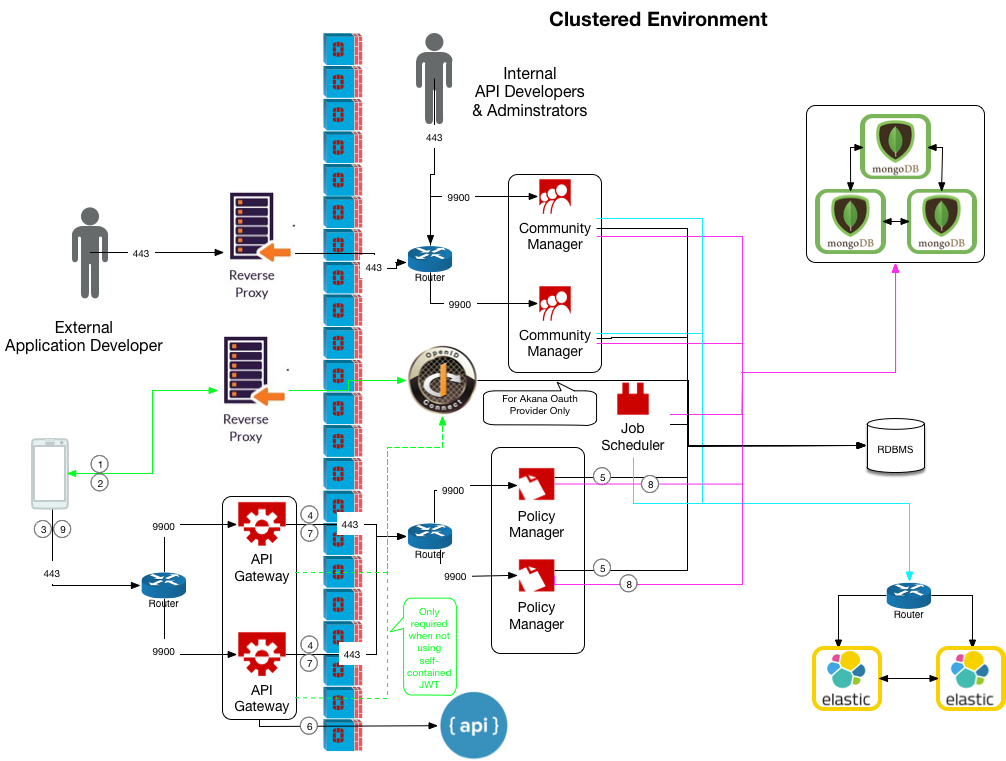
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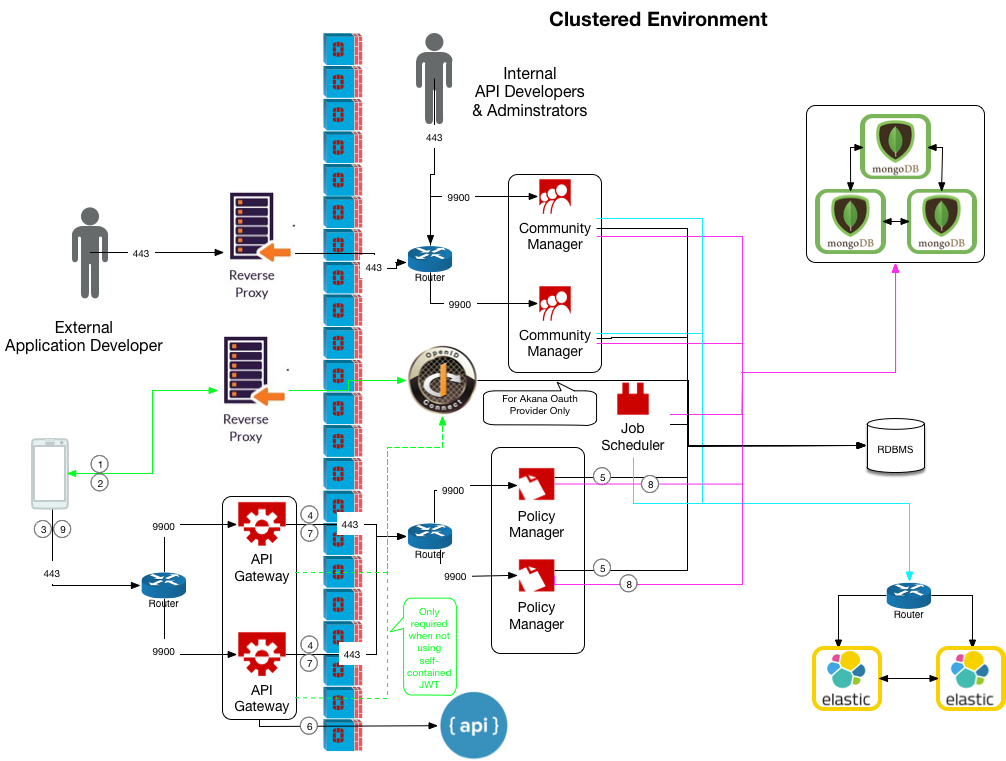
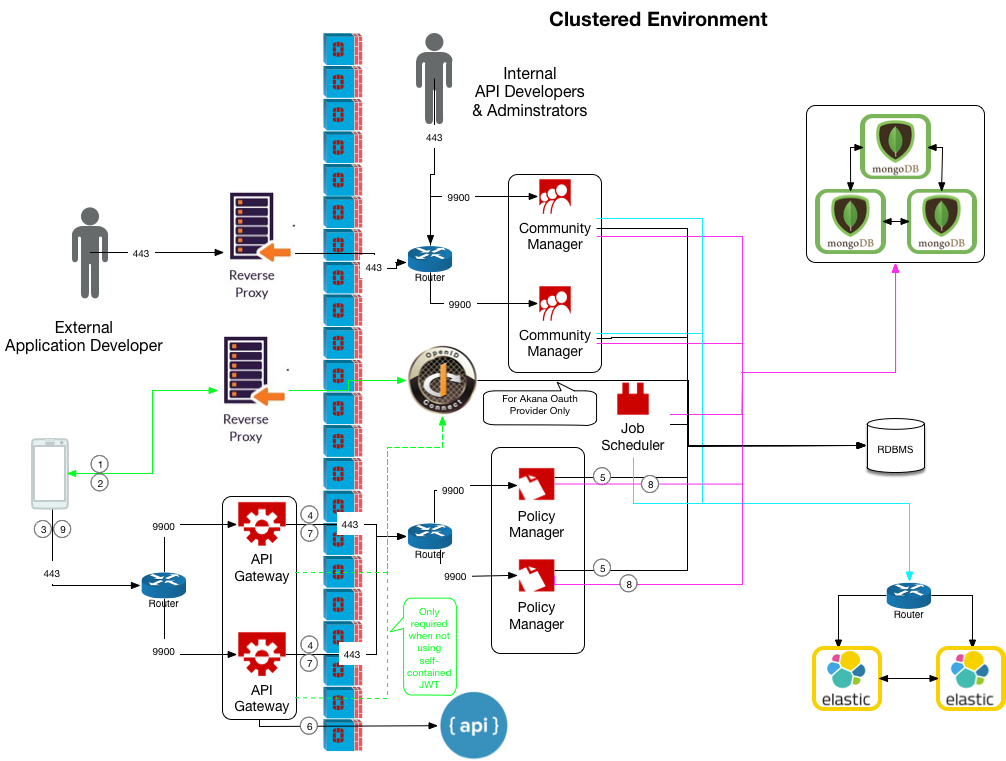
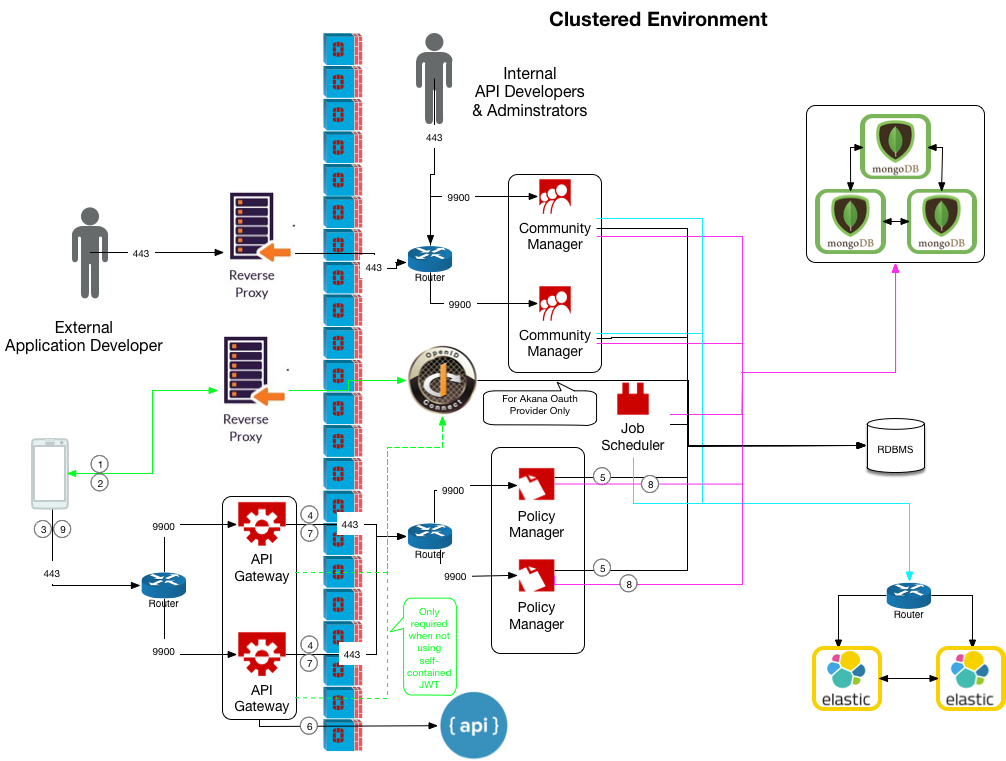
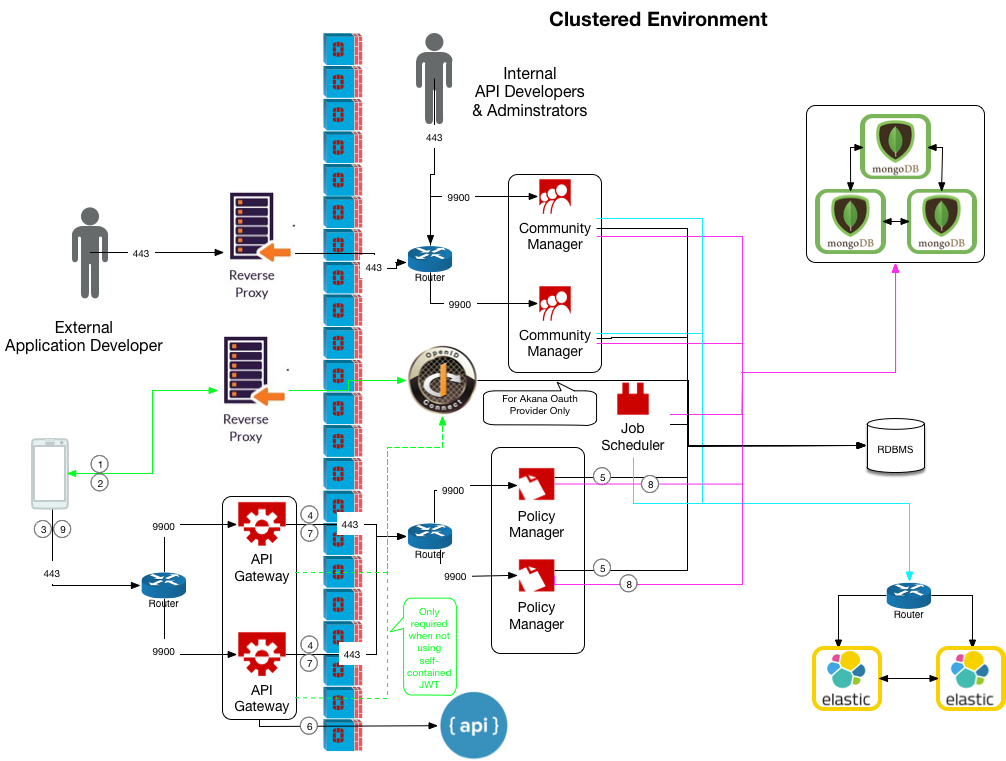
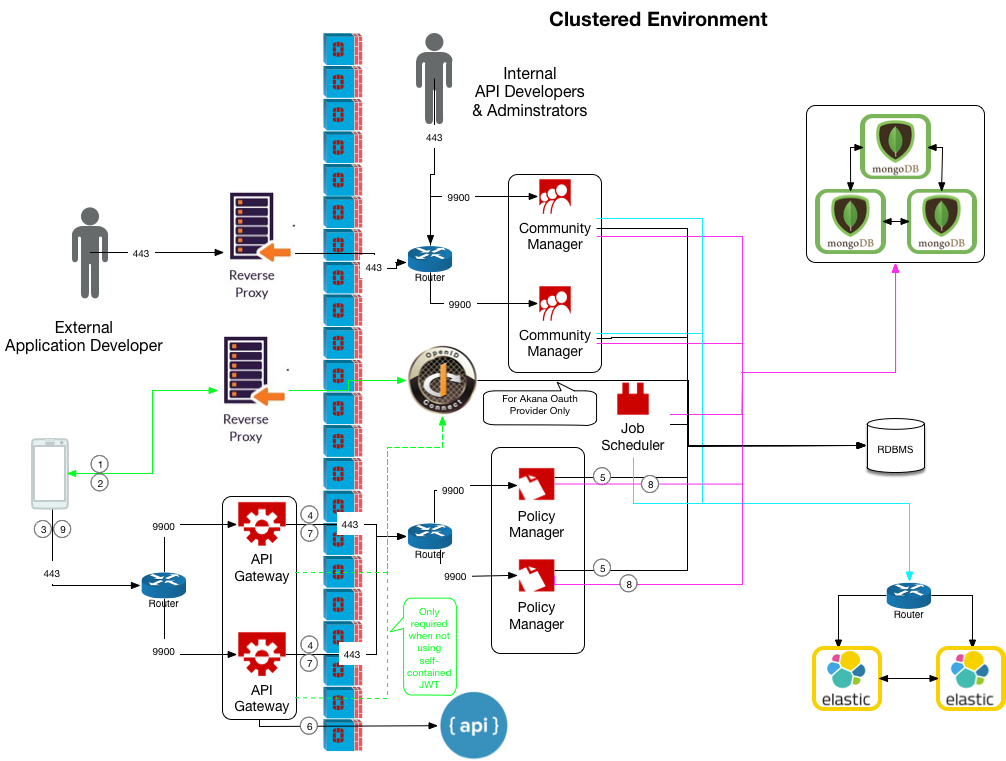
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# Introduction

# Reference Architecture



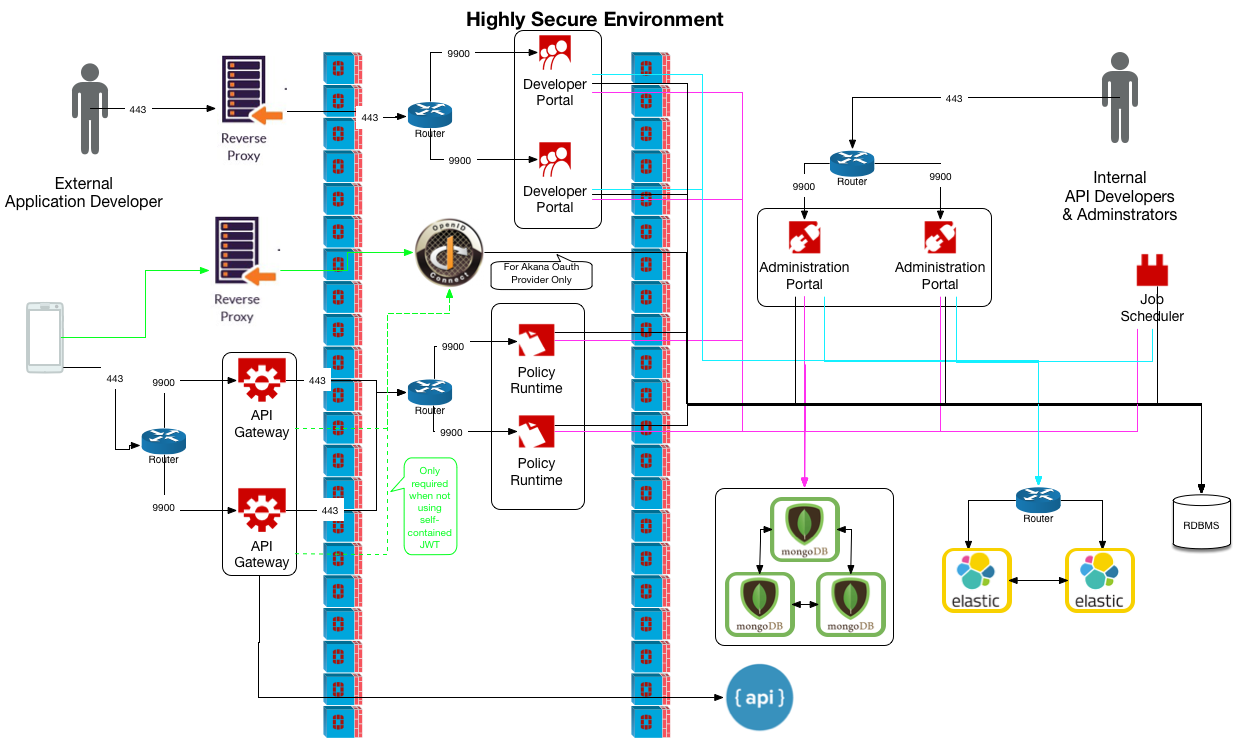


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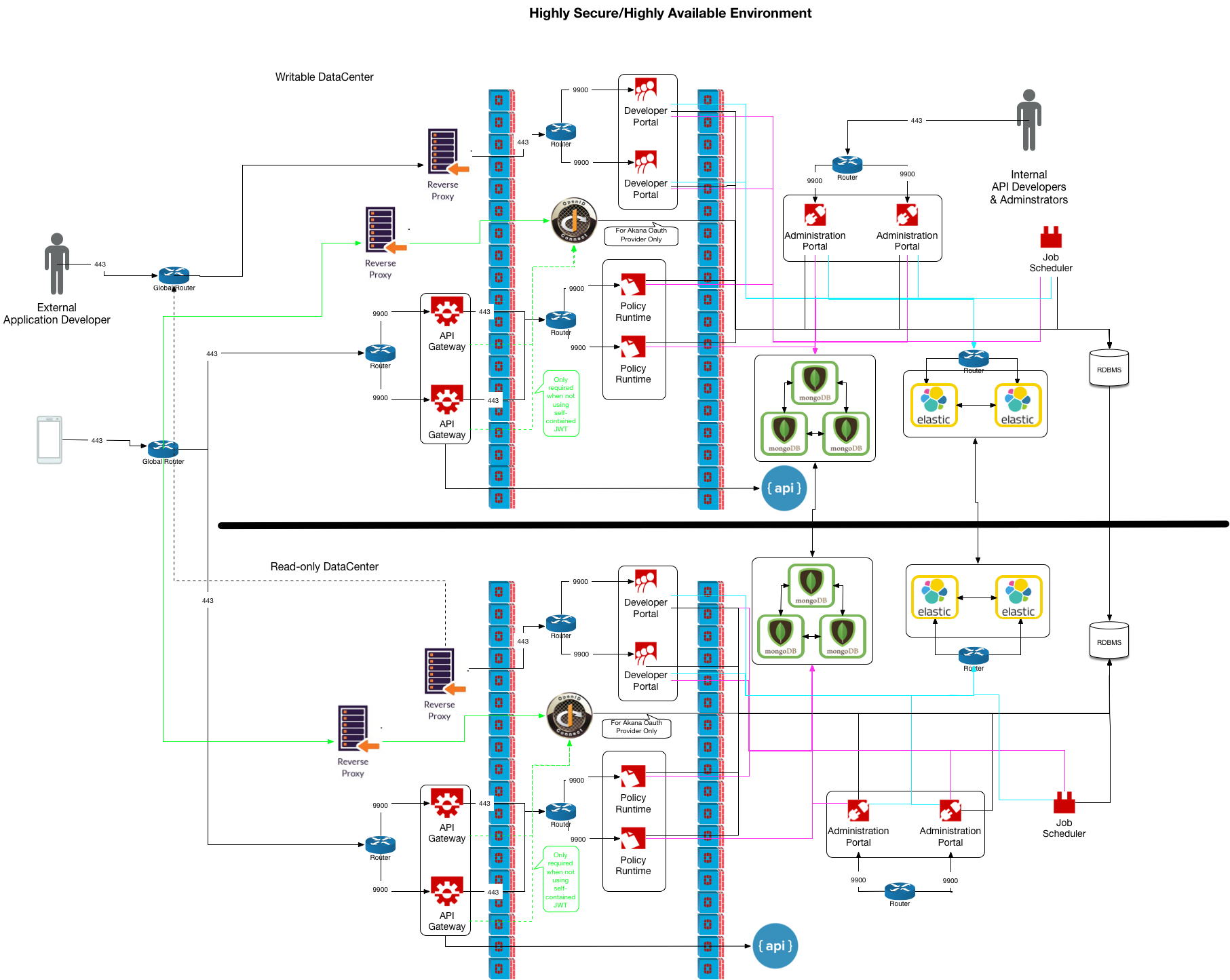
1. Consuming Application invokes Oauth server to receive access token
2. Access token is returned to the consuming application, once authentication is validated
3. Consuming Application invokes an API hosted in the Akana Gateway
4. Akana Gateway, acting as the Policy Enforcement Point, reaches out to the Policy Manager, acting as the Policy Decision Point, to authorize and authenticate the consuming application.
5. Policy Mangers receives data from the RDBMS.
6. API Gateway invokes the downstream API, Physical Service
7. API Gateway saves analytical Information about the request/response
8. Policy Manager stores the analytical data in MongoDB
9. The response is returned to the Consuming Application

# Secured Architecture

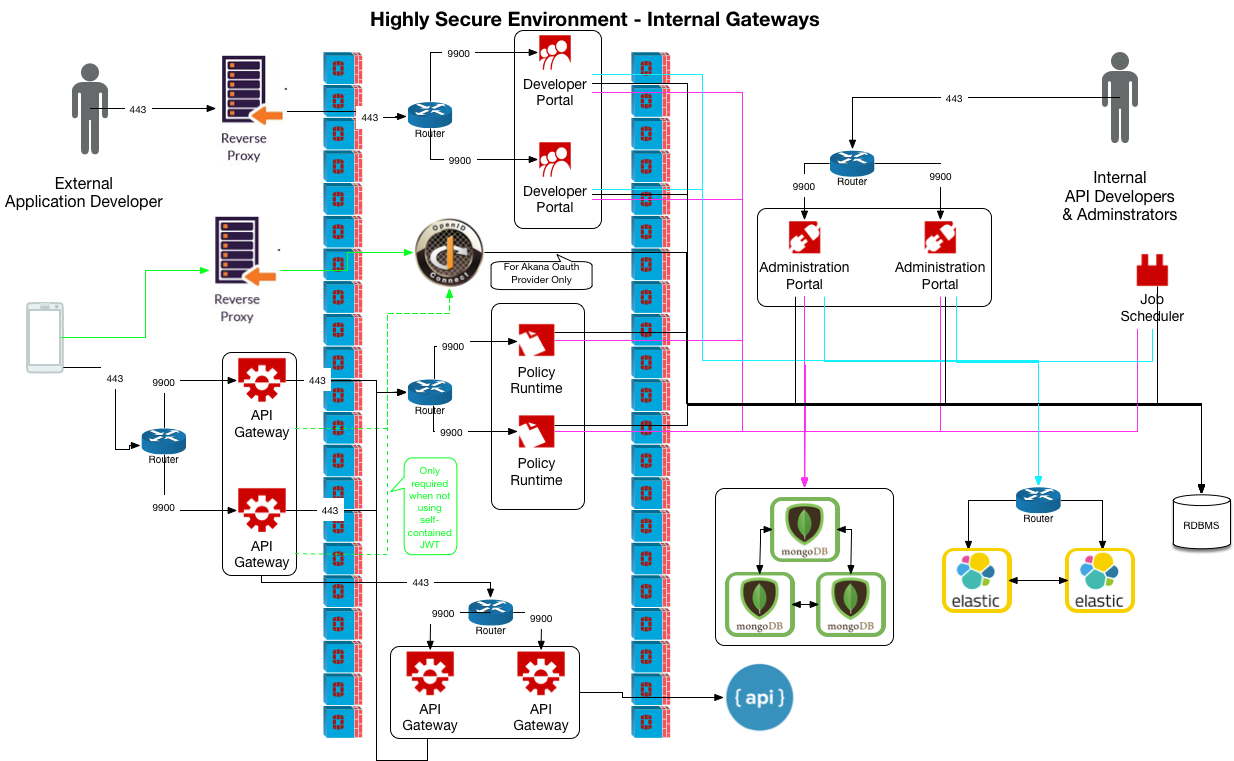
## Highly Secured Architecture



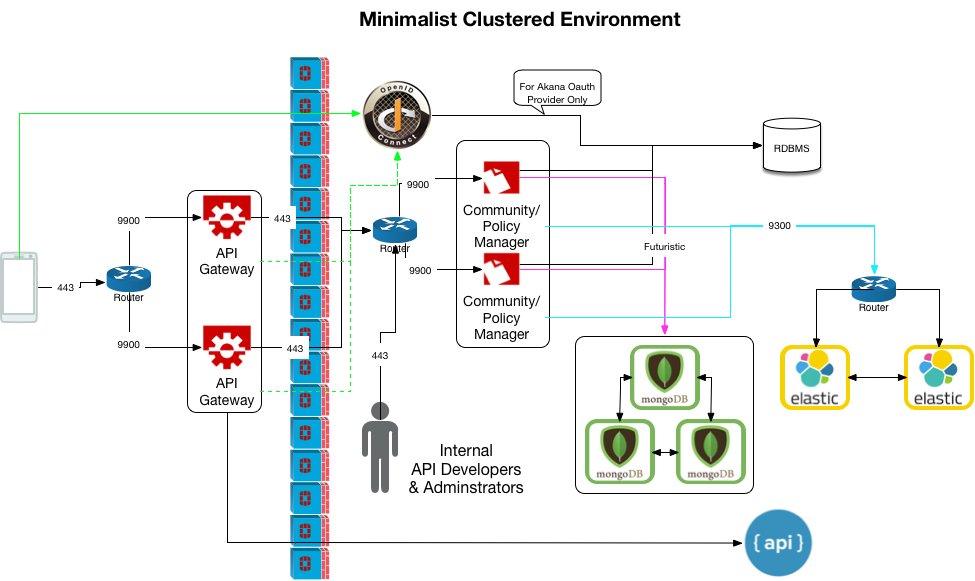
## Highly Secured – Highly Available Architecture



## Highly Secured Architecture with Internal Gateways



# Minimalistic Architecture



# Environment Promotions

