

Zero To Cloud Native on IBM Cloud

Introduction

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Zero To Cloud Native on IBM Cloud Sessions

Zero to Cloud Native Sessions

[Part 1 - Introduction and Overview](#)

[Part 2 - Microservices Architecture and Design](#)

[Part 3 - Network and Security Configuration](#)

[Part 4 - RedHat OpenShift on IBM Cloud Setup and Configuration](#)

[Part 5 - IBM Cloud Databases and Messaging](#)

[Part 6 - Setting up a Cloud-Native Development Environment](#)

[Part 7 - Preparing to Deploy](#)

[Part 8 - Cloning and Importing the Code Base](#)

[Part 9 - Deploying the Application](#)

[Part 9A - Deploying with a 'Classic' Pipeline](#)

[Part 9B - Deploying with a Tekton Pipeline](#)

[Part 9C - Finishing Deploying and Testing the Application](#)

Coming soon - Day 2 Operations

- Logging

- Monitoring

- Automating with Terraform

- Deploying to a remote location with IBM Cloud Satellite

- Managing code with Code Ready Workspace

Zero To Cloud Native on IBM Cloud

[Git Hub Repository](#)

Repository containing tutorial documentation and code to deploy the tutorial application

[YouTube Channel](#)

YouTube Channel containing videos stepping through the tutorials

<http://www.zero-to-cloud-native.com>

Tutorial landing page with links to the YouTube Channel and GitHub Repository. Also contains link to the live tutorial application to test it out.



Region: us-south



Region: us-south

zero-to-cloud-native Resource Group

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VPC Gen 2

Region: us-south

zero-to-cloud-native Resource Group

VPC Gen 2

DAL 1

DAL 2

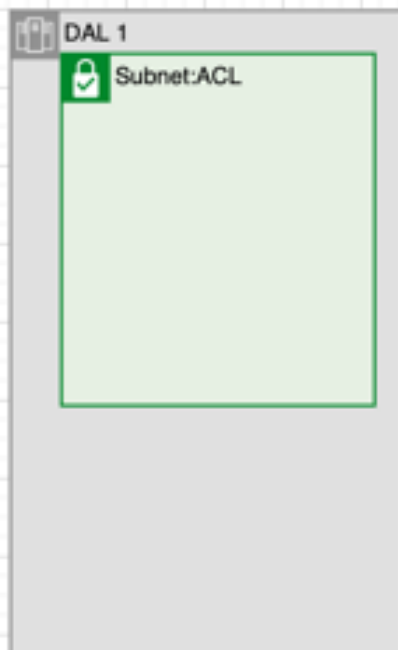
DAL 3

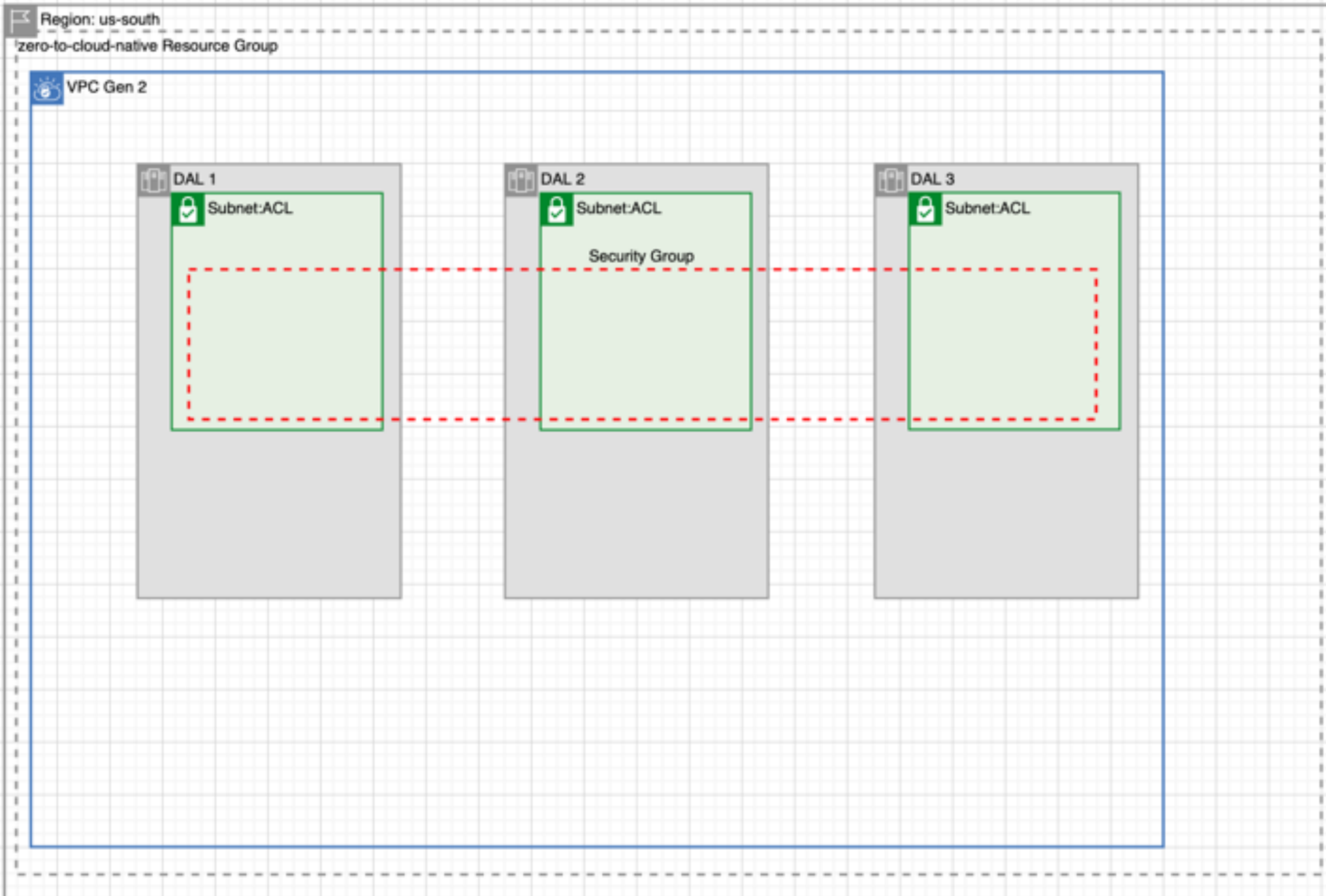


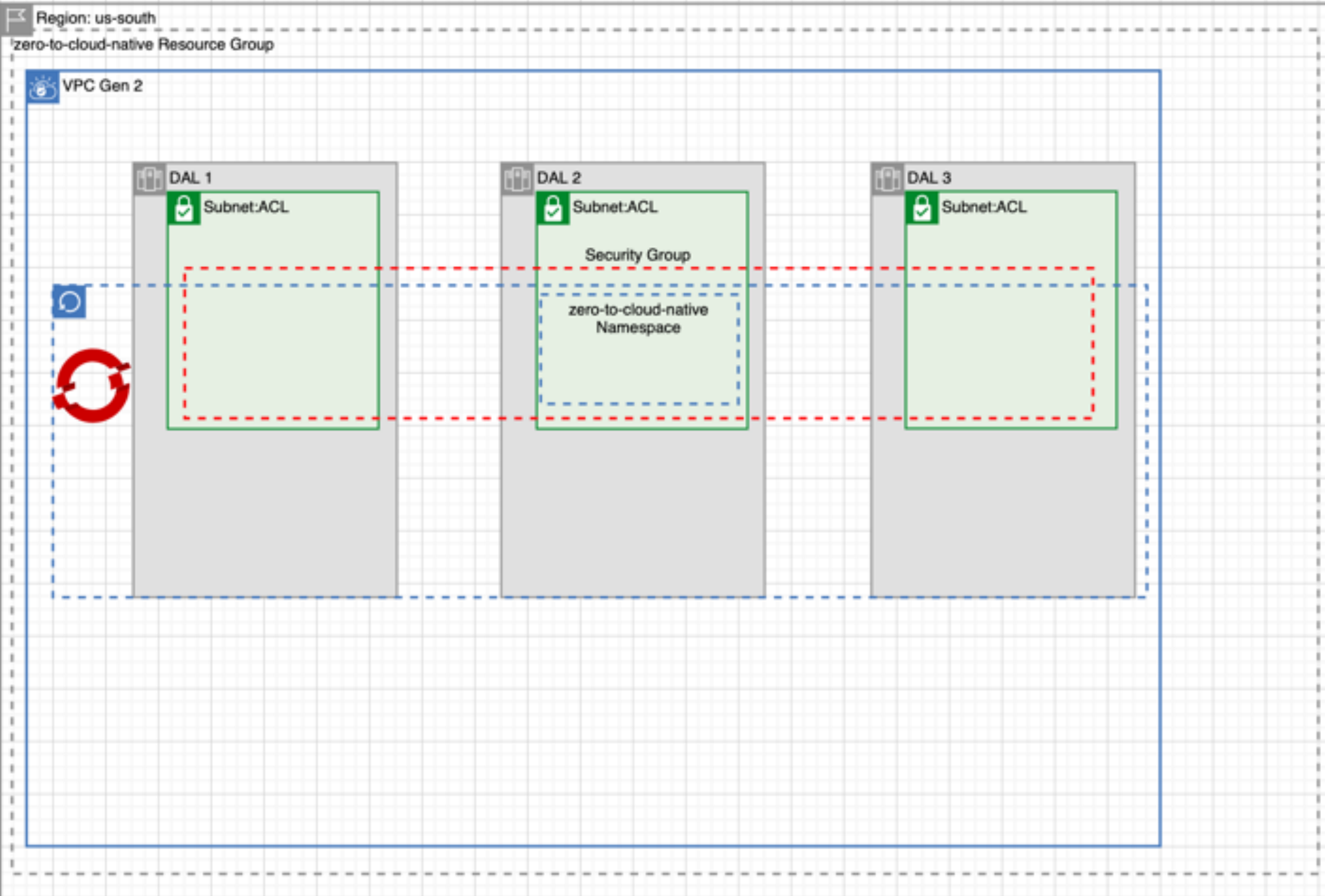
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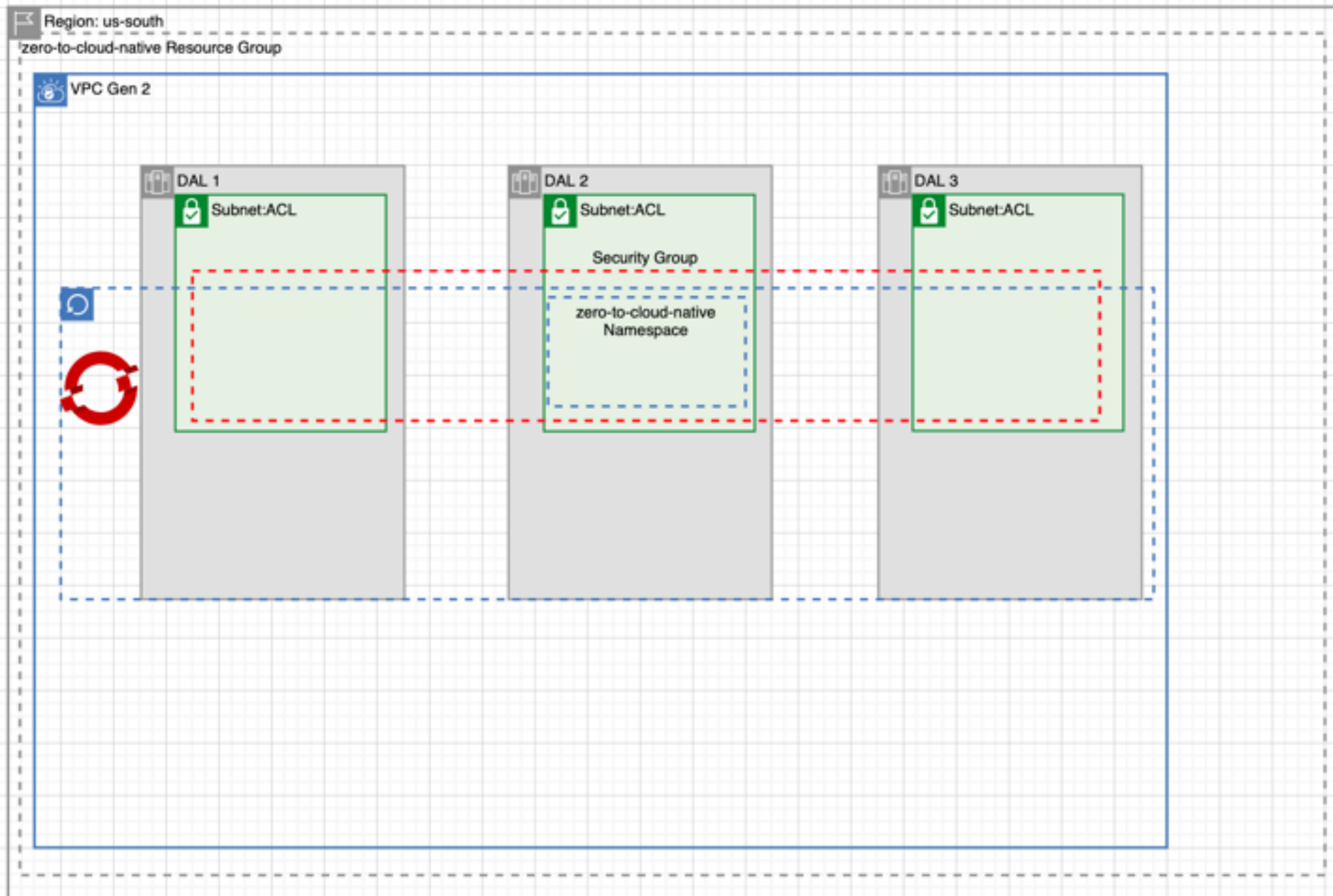
zero-to-cloud-native Resource Group

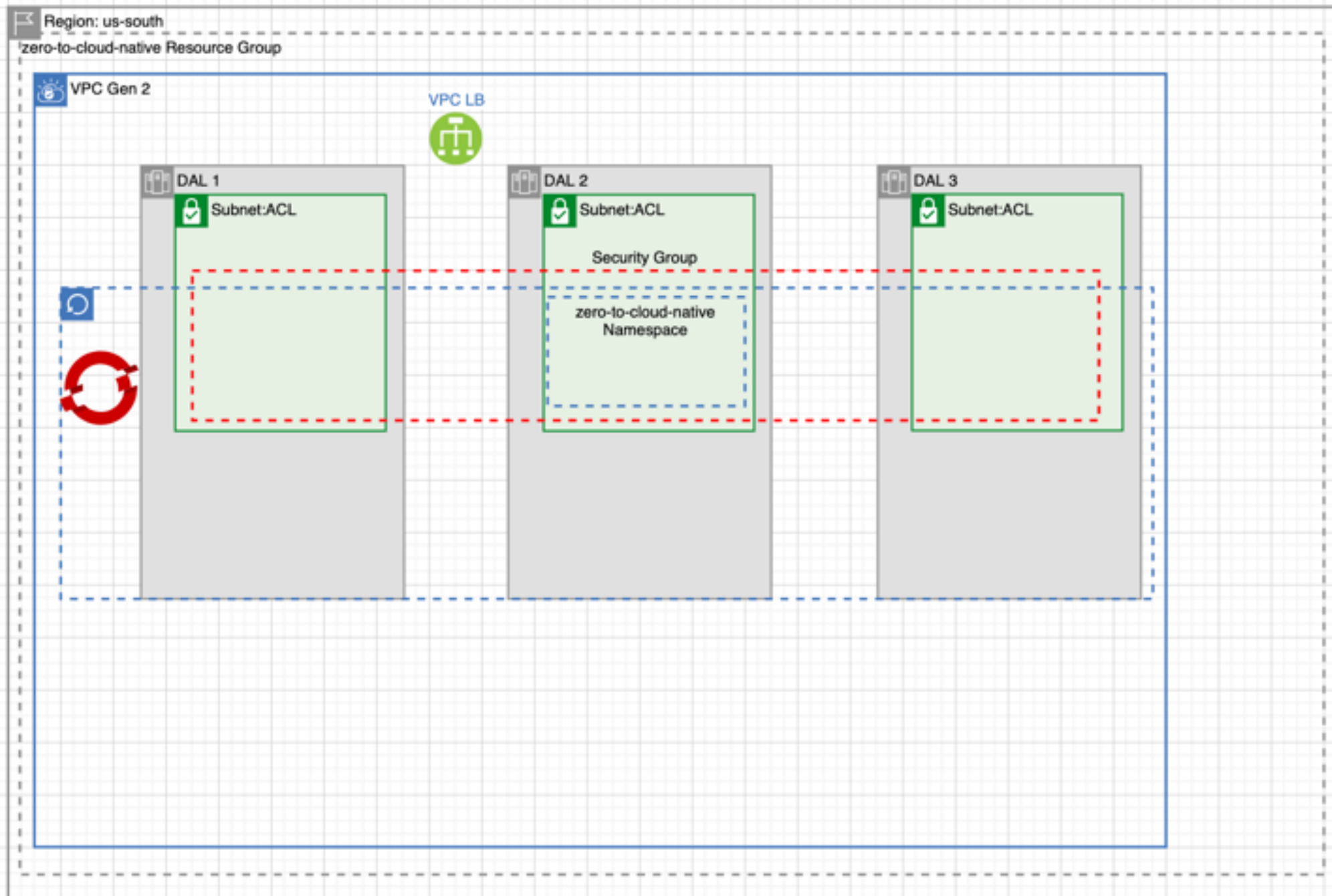
VPC Gen 2

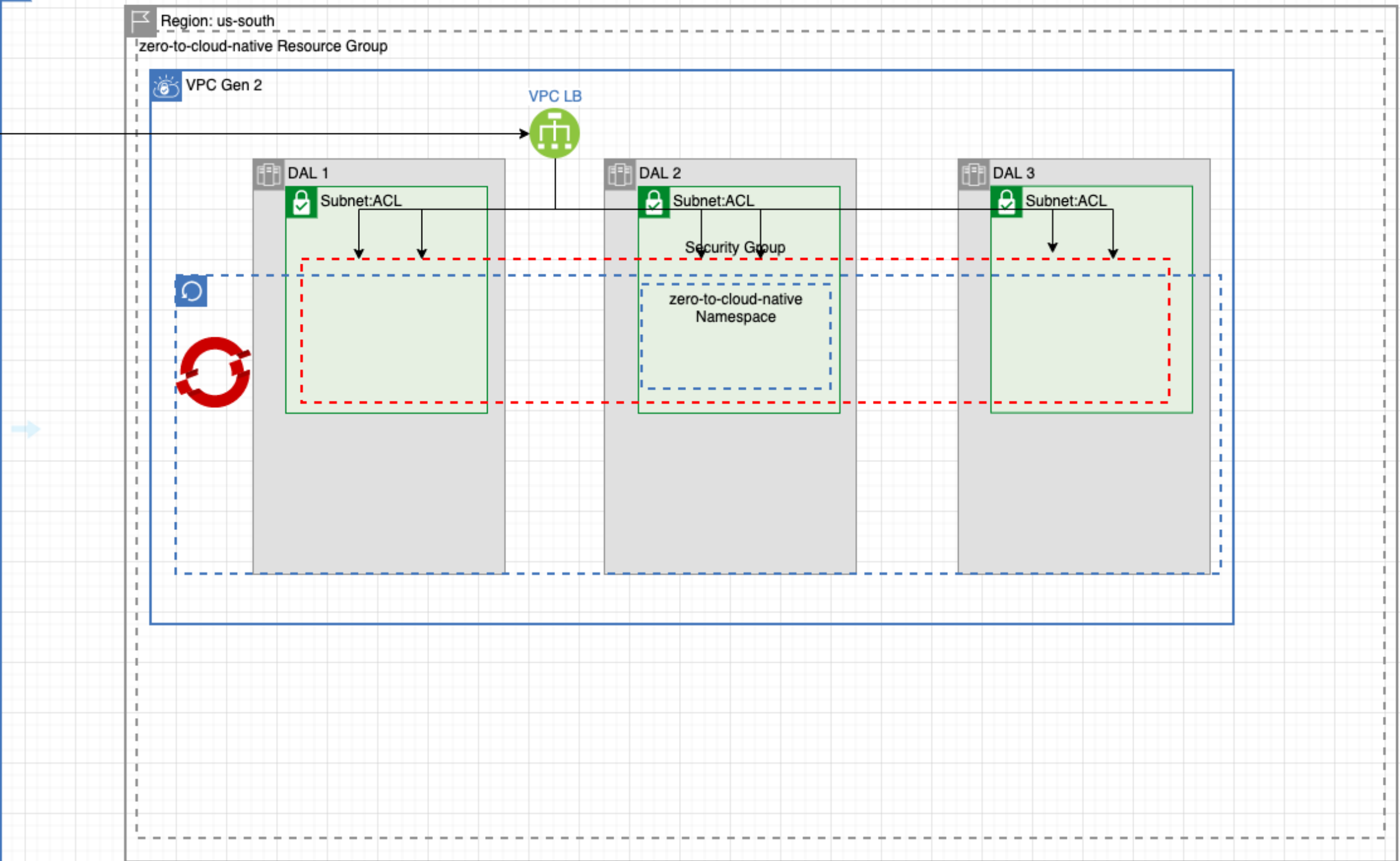


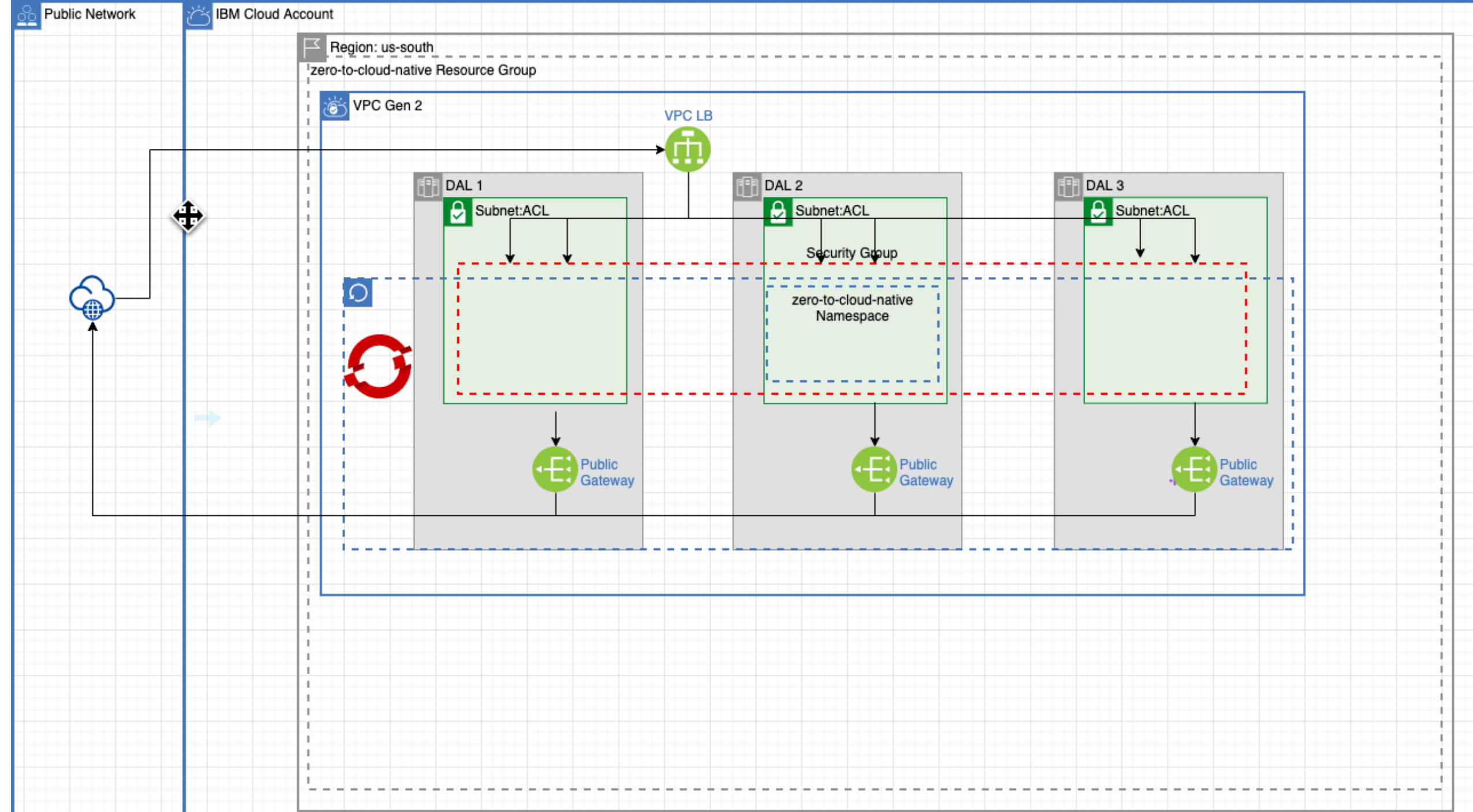














Public Network



IBM Cloud Account

Region: us-south

zero-to-cloud-native Resource Group



VPC Gen 2

VPC LB



DAL 1

Subnet:ACL

DAL 2

Subnet:ACL

Security Group

DAL 3

Subnet:ACL

zero-to-cloud-native
Namespace

VPN
Gateway



Public
Gateway

VPN
Gateway



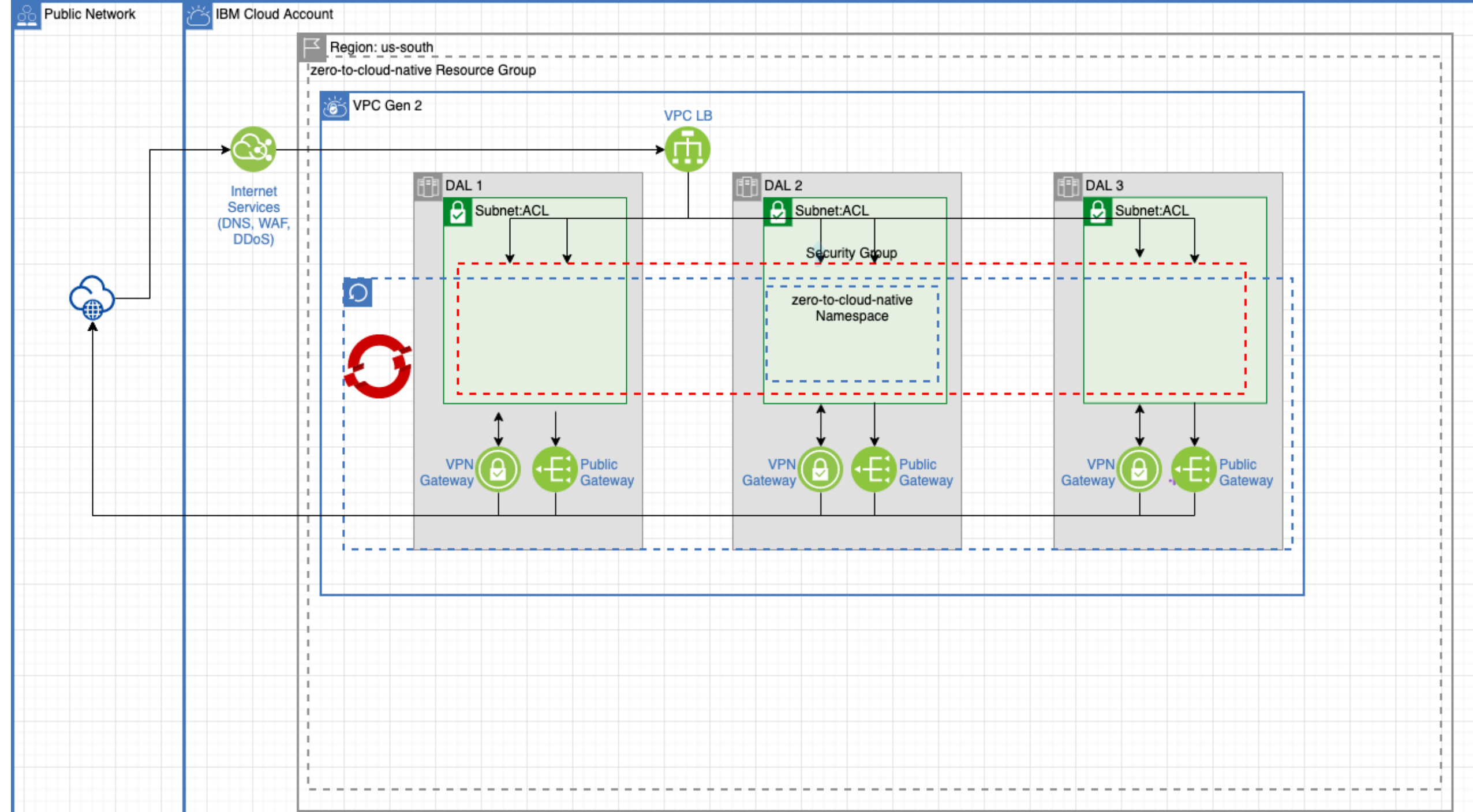
Public
Gateway

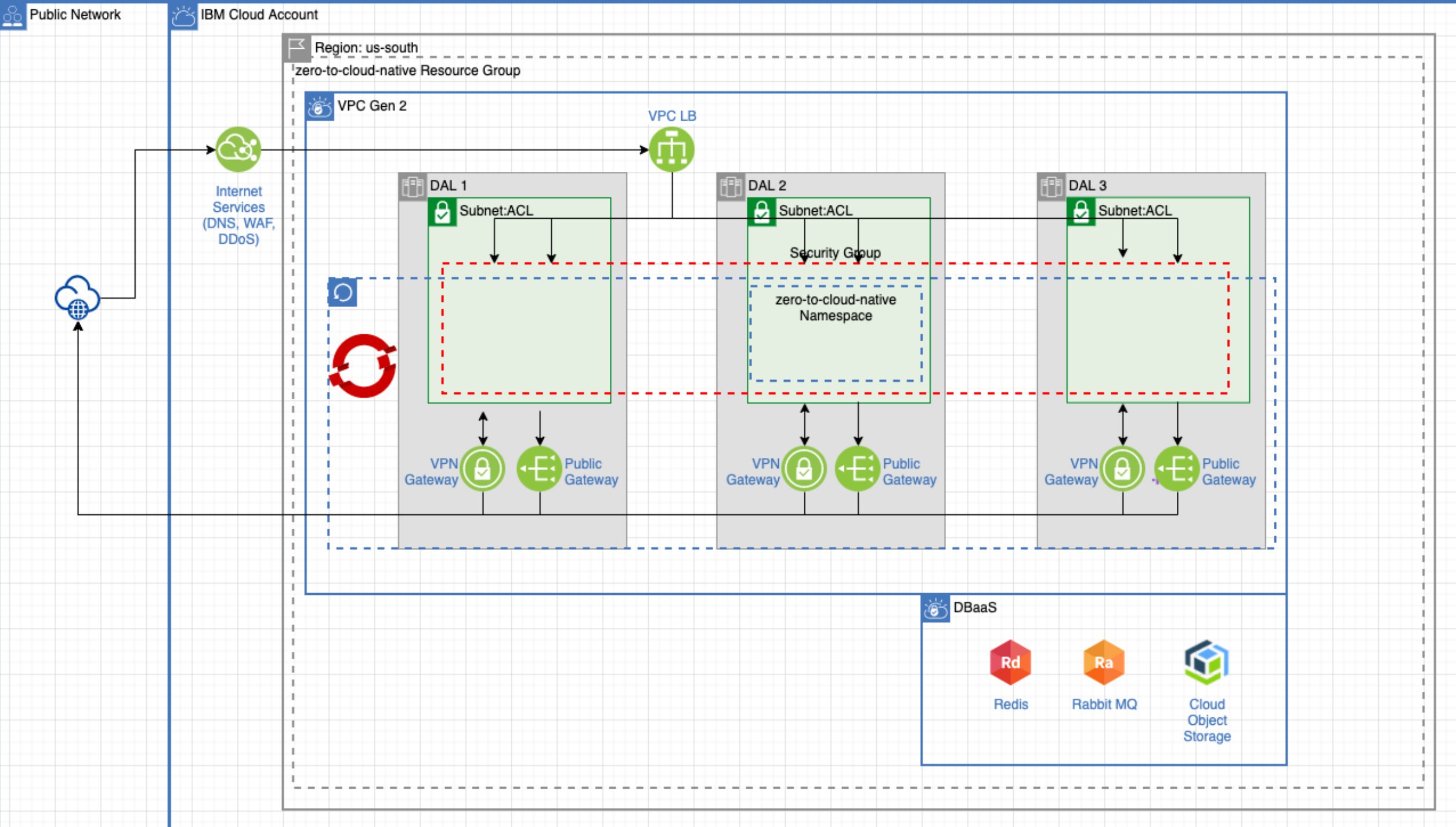
VPN
Gateway

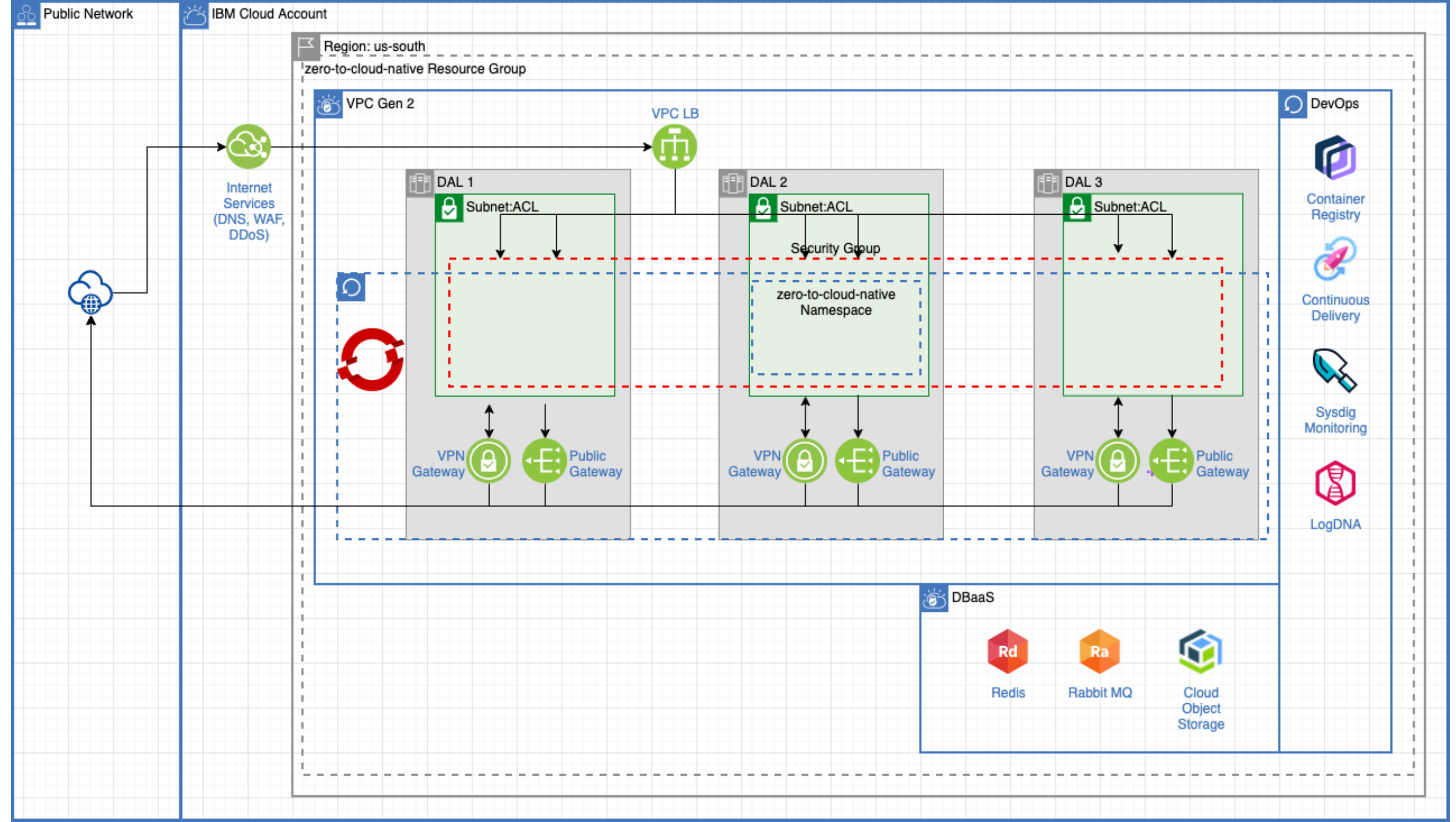


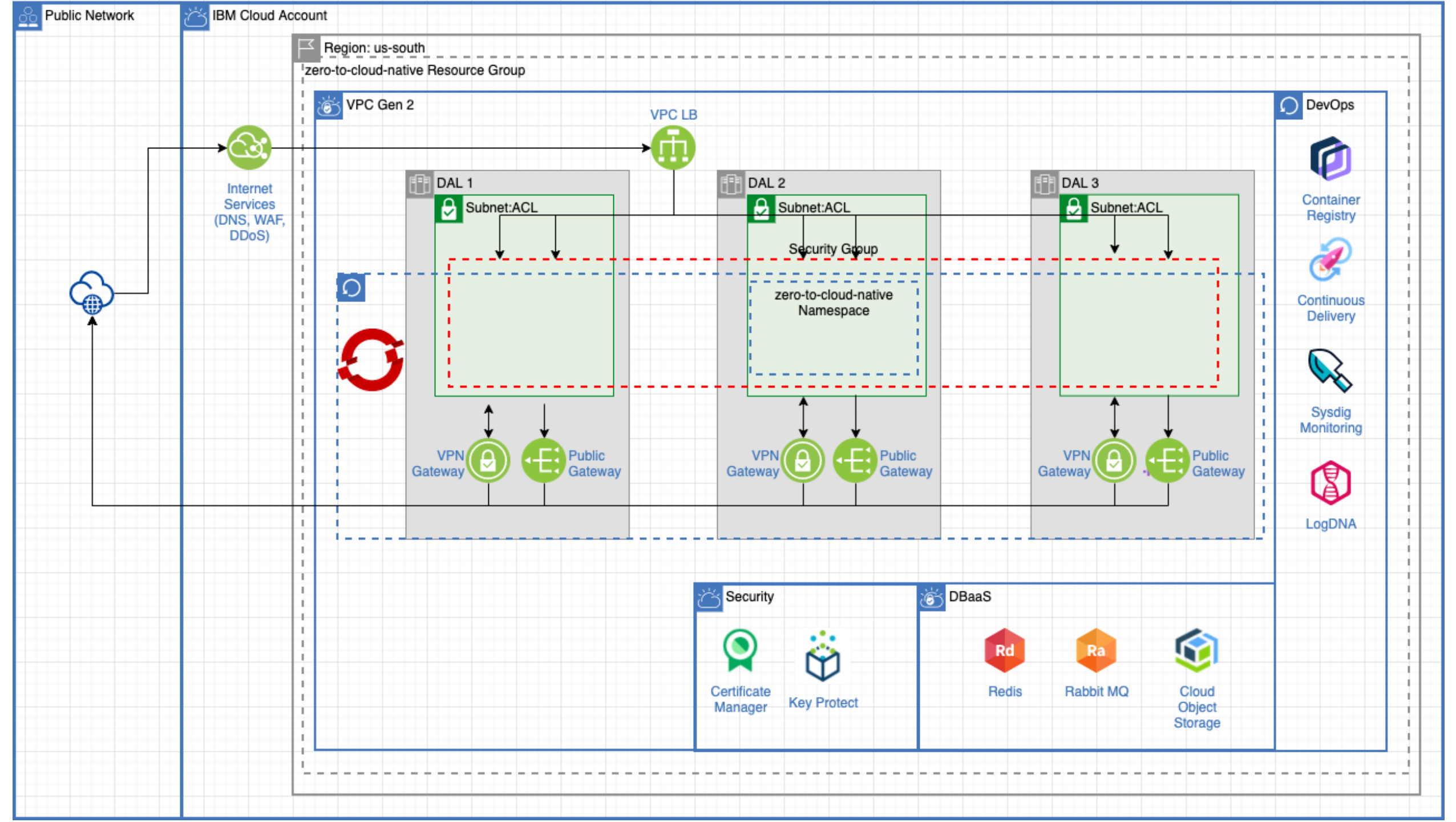
Public
Gateway











CloudPak Provisioner

<https://github.com/kmcolli/cloudpak-provisioner>

Cloud Pak Provisioner is a collection of APIs that make it easy to perform common tasks for managing and configuration IBM Cloud Managed OpenShift (ROKS) clusters. Many of the APIs are focused on Cloud Pak but can be extended to any deployment on ROKS.

There are seven categories of APIs:

- Cloud Object Storage
- CloudPak for Data
- VPC Infrastructure
- General Utility
- Classic Infrastructure
- Portworx
- OpenShift