

How to Create Bridge Domain Templates with ACI Extension

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Introduction

This document describes on how to create Bridge Domain Templates using CloudCenter.

Note: ACI should be successfully registered within CloudCenter.

Prerequisites

Requirement

There are no specific requirements for this document.

Components Used

The information in this document is based on CloudCenter version 4.6.X and 4.7.X.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Problem: Creation of Dynamic Templates in CloudCenter

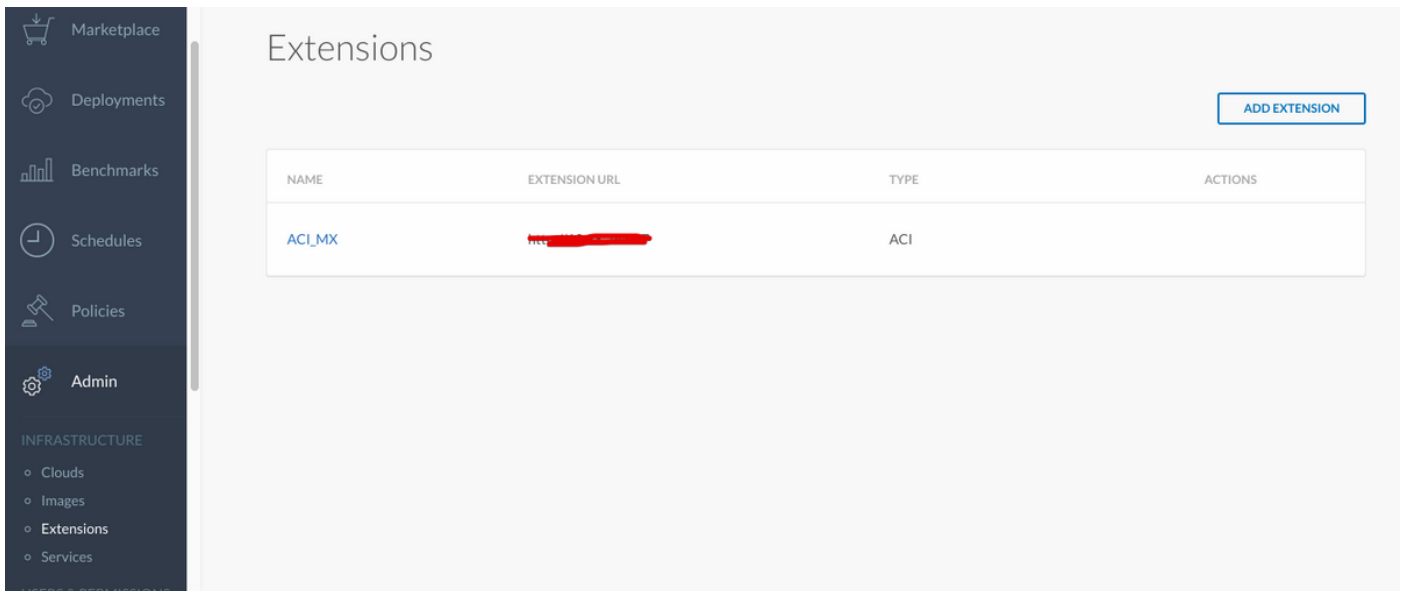
Adding Bridge Domain Templates for creation of Dynamic Templates in CloudCenter.

Solution

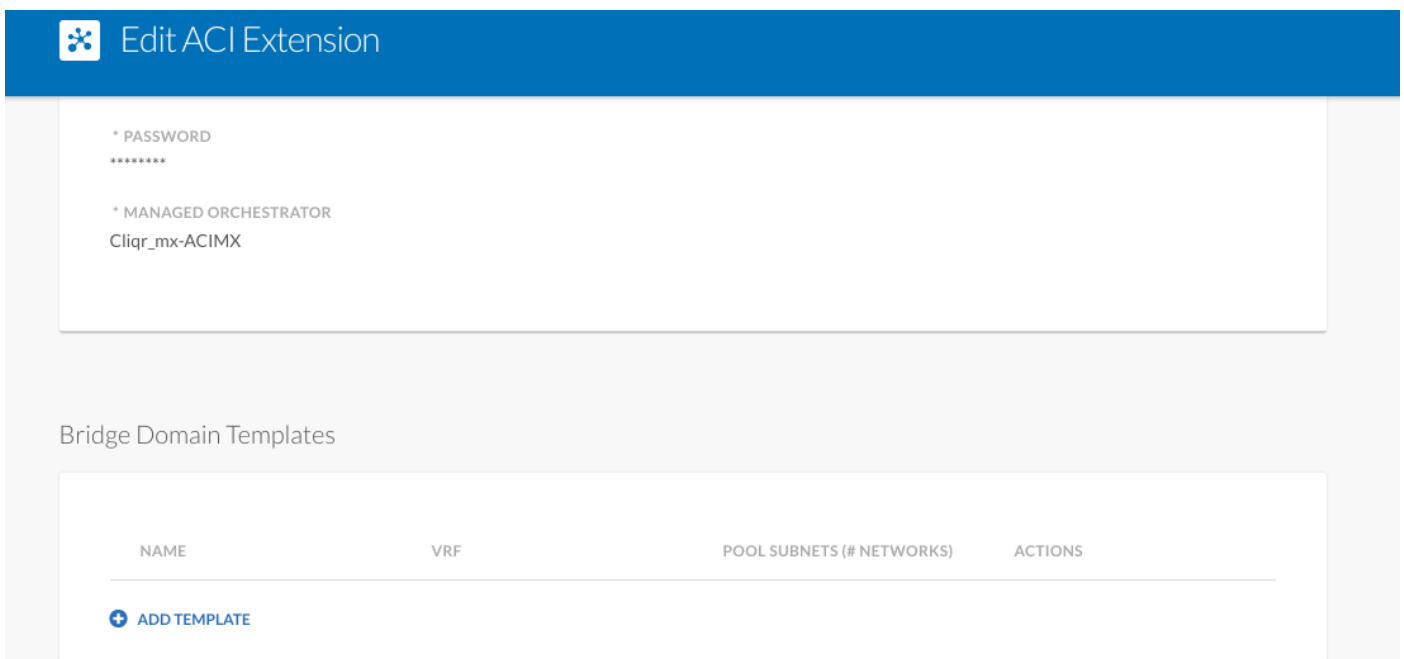
Step 1. Log in to **CCM**.

Step 2. Select **Admin** and click on **Extensions**.

Step 3. Click on **name of ACI extension** (in this this example ACI_MX), as shown in the image:



Step 4. As shown in the image, click on **Add Template**.



Step 5. Specify **name of BD** and choose **Dynamic VRF**.

Step 6. Enter values for **master subnet** which allows creation of nested subnets. For example, if subnet is 10.10.10.0/24 - it needs to specify a pool of more than 24, and if /25.... it creates two /25 subnets within master one of /24.

New Bridge Domain Template

* SCOPE ⓘ

Private to VRF

Advertised Externally

Shared between VRFs ⓘ

* SUBNET CONTROL ⓘ

ND RA Prefix

Querier IP

* Subnet Pools

MASTER SUBNET	POOL SUBNET	NETWORKS	ACTIONS
<input type="text" value="172.11.22.0/24"/>	<input type="text" value="/25"/>	2 NETWORKS	

+ ADD SUBNET POOL

should be more than /24

Step 7. Click **SAVE** twice.

Step 8. Deploy **new VM with ACI** and choose **creation of dynamic BD template** within the network type.



Deploy test0227-1

Centos7

Guss_Cliqr

L3 OUT

Select L3 Out

NIC 1

NETWORK TYPE

VMware

Cisco ACI

* END POINT GROUP (EPG) TYPE

Bridge Domain Template

* BRIDGE DOMAIN TEMPLATE

test2

+ NETWORK INTERFACE CONTROLLER

Step 9. Click **Deploy**.

Expected Result - Deploys VM on the VMware cloud and Dynamic VRF Template is created.