

使用云市场快速搭建小型电商网站

- by royalwzy

1. Oracle云市场快速简介;

1.1甲骨文云市场是一个致力于销售合作伙伴所提供的云业务应用程序和专业化服务的在线商店,提供了业界最广泛和最先进的云计算组合,目前有超过250家的Oracle合作伙伴在市场上提供应用程序和专业化服务,并且帮助425,000多家Oracle客户快速拓展业务;

1.2Oracle云市场具备很好的灵活性,无论您的应用适用于浏览器,桌面还是移动设备,都可以在云市场中发布;使用Oracle云市场,独立软件供应商和系统集成商可以展示他们支持与Oracle云服务互操作的服务和应用,这些服务和应用涵盖各行各业和许多地域;

2. 电商应用Spree简介:

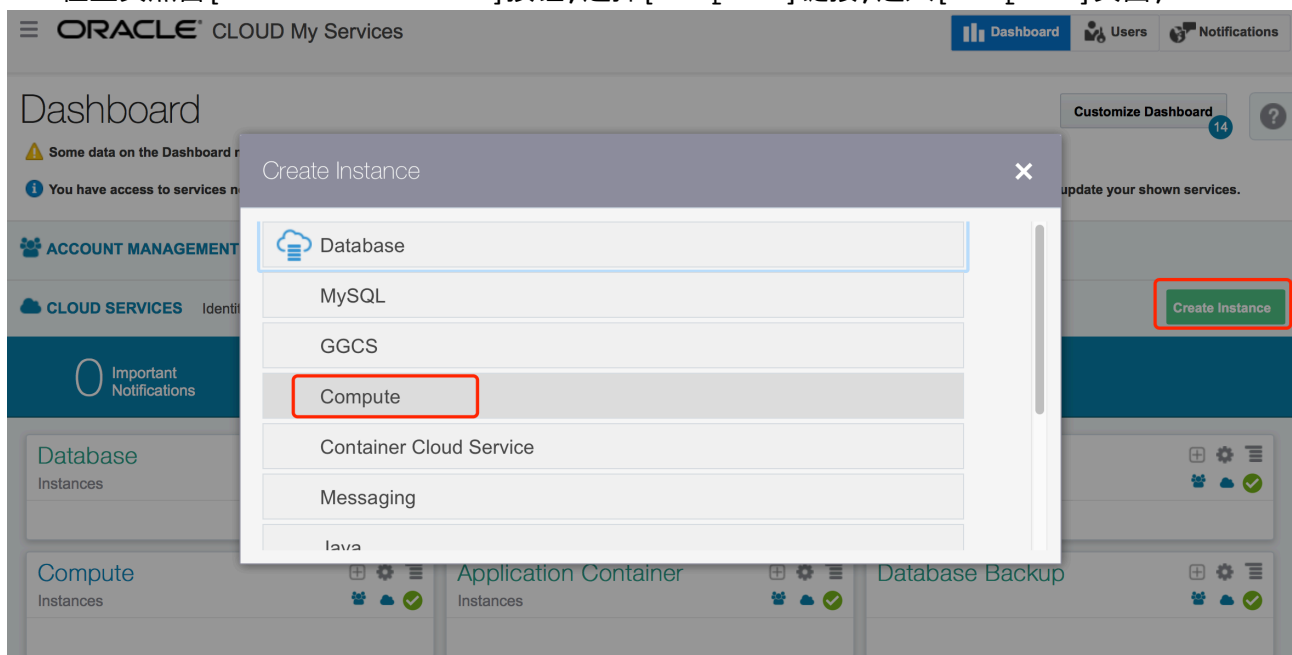
2.1Spree是由Bitnami公司在Oracle云市场(Oracle Cloud Marketplace)上提供的预配置的,可以由Oracle Cloud用户直接在Oracle Cloud上部署运行的,简单易用的电商平台;

2.2Spree是一个电子商务平台,旨在使定制和升级尽可能简单;它包含各种各样的商品,库存管理,运输以及多种支付网关的支持等;

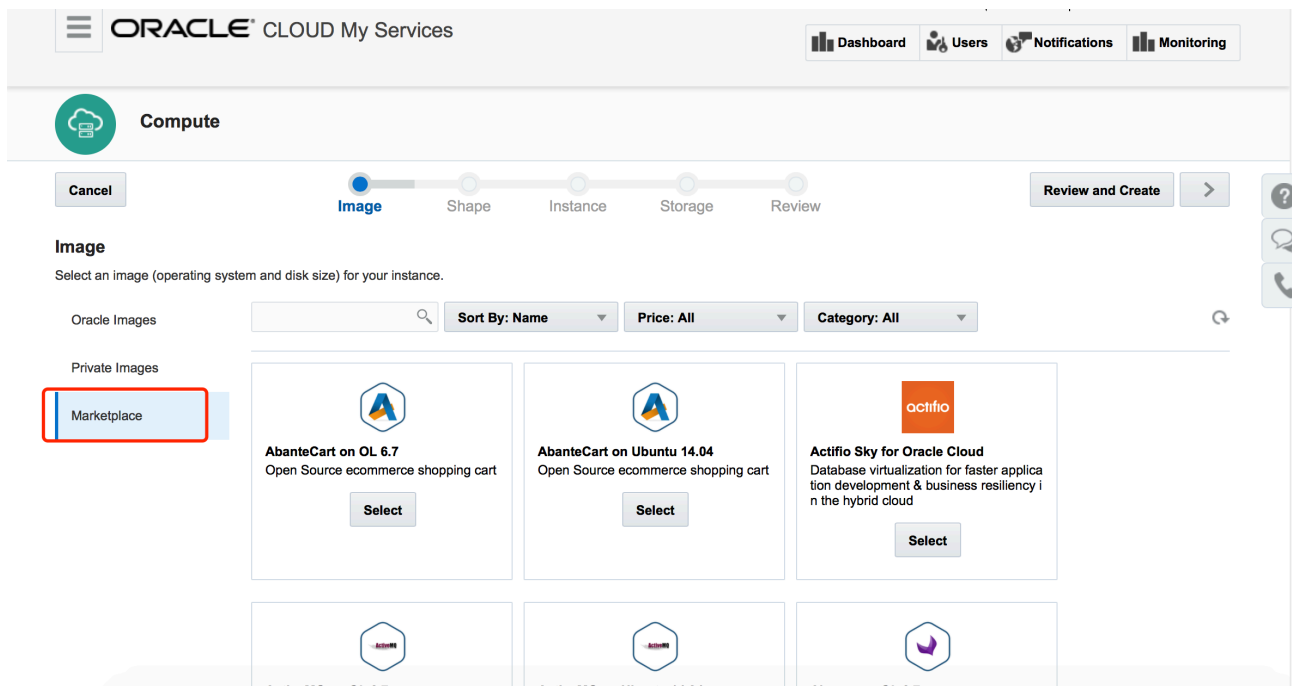
3. 使用云市场快速搭建小型电商网站;

3.1首先登录云主页(<https://cloud.oracle.com>),进入到个人的Dashboard;

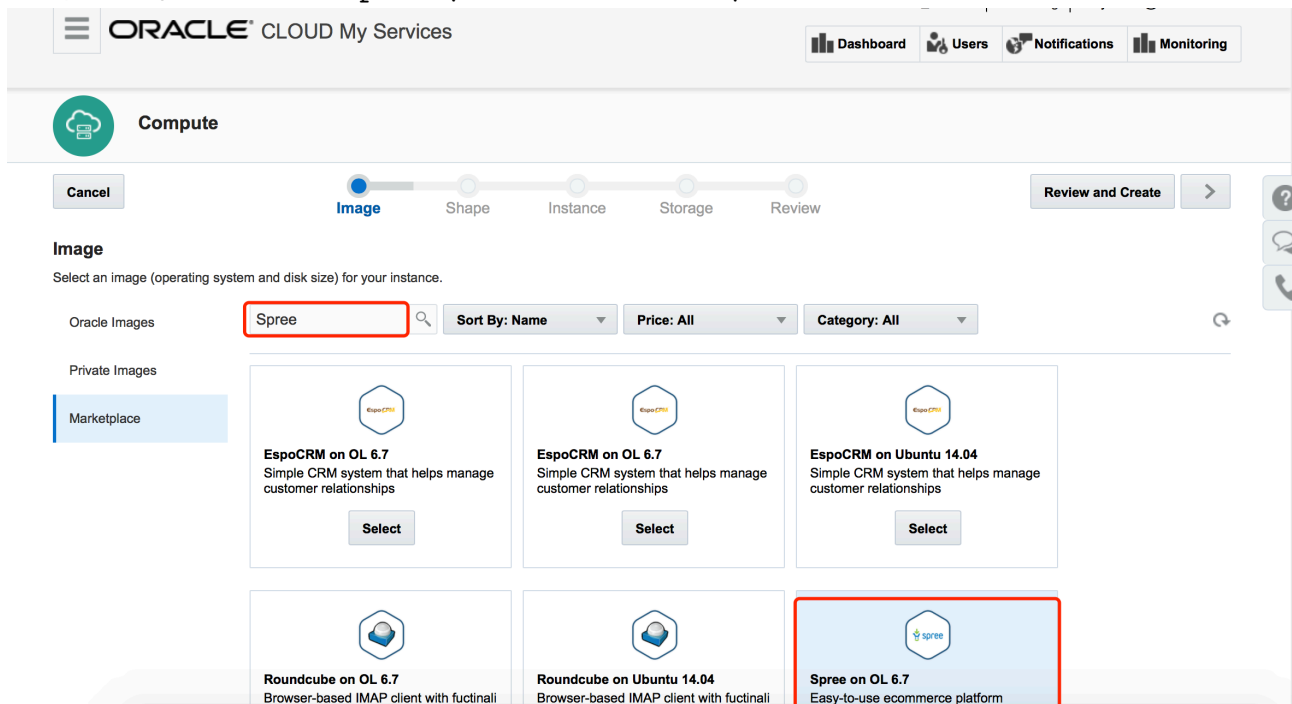
3.2在主页点击[Create Instance]按钮,选择[Compute]链接,进入[Compute]页面;



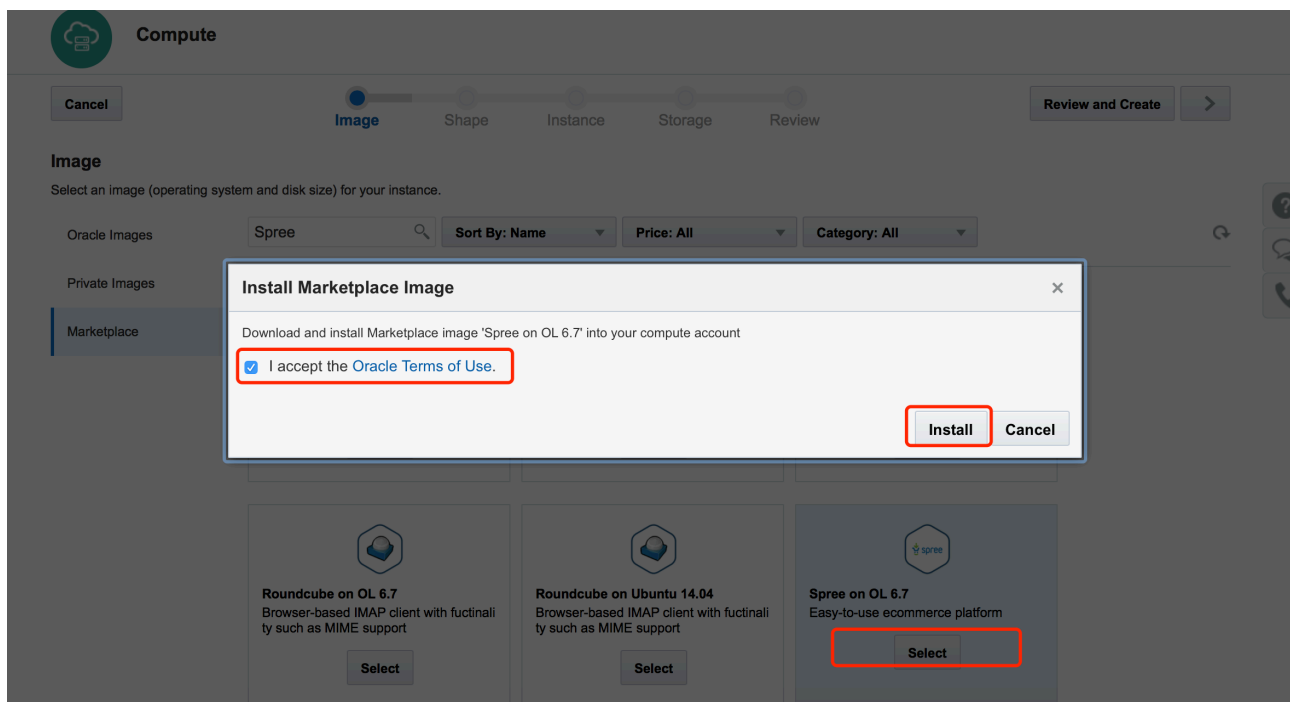
3.3在[Compute-Image]页面,选择[Marketplace]链接;



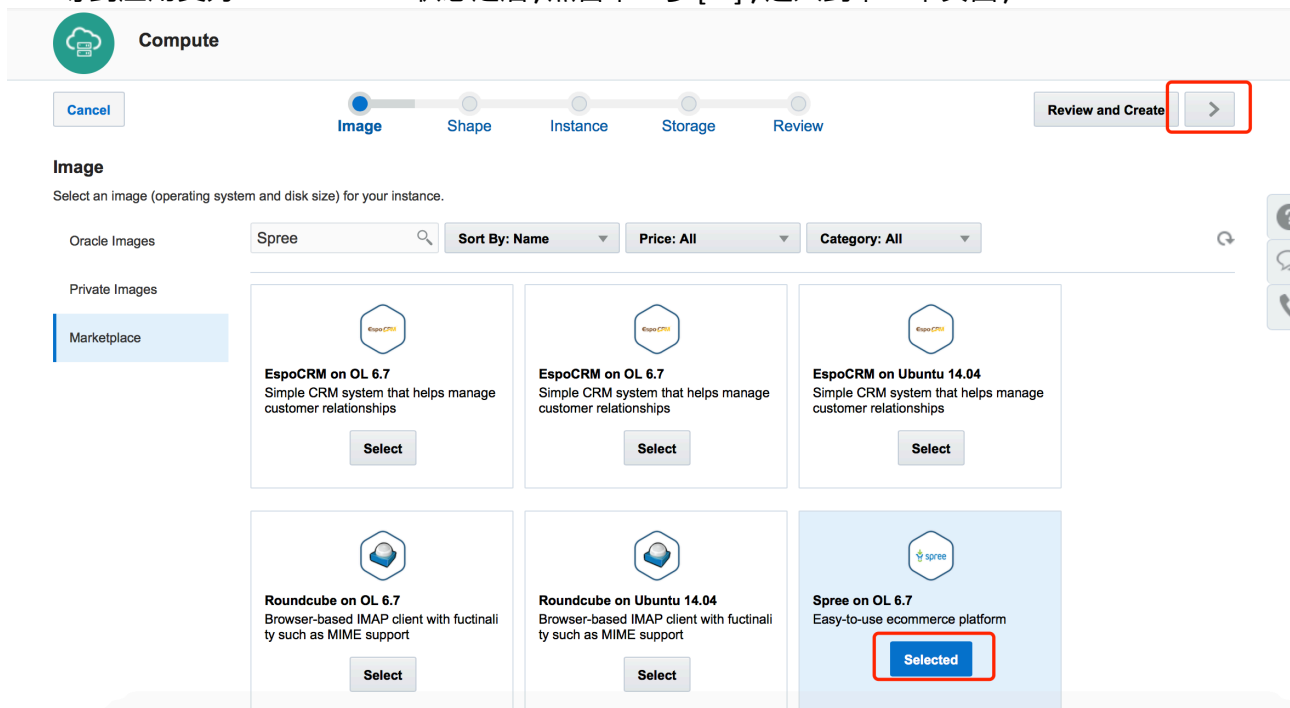
3.4 在市场中搜索关键词“Spree”，并选择搜索出的应用；



3.5 点击应用的[Select]按钮，并接受相应的条款，然后点击[Install]按钮；



3.6等到应用变为“Selected”状态之后,点击下一步[>],进入到下一个页面;



3.7在配置页面,选择运行应用所需的CPU和Memory资源,并点击下一步[>],进入到下一个页面;(Tips:每一个试用账户可以免费使用5个EIPs资源,6个OCPUs资源和500G存储资源,如果超过的话,新的创建操作都会失败;而页面中的两类配置:一般配置是一个OCPU对应7.5G内存,高内存配置是一个OCPU对应15G内存;)

Compute

< Cancel
Image
Shape
Instance
Storage
Review
Review and Create >

Shape
 Select a shape (OCPUs and memory) for your instance.

Category	Name	OCPUs	Memory
General Purpose	oc3	1	7.5 GB
General Purpose	oc4	2	15 GB
General Purpose	oc5	4	30 GB
General Purpose	oc6	8	60 GB
General Purpose	oc7	16	120 GB
High Memory	oc1m	1	15 GB
High Memory	oc2m	2	30 GB
High Memory	oc3m	4	60 GB
High Memory	oc4m	8	120 GB
High Memory	oc5m	16	240 GB

3.8在实例页面,根据提示输入/选择实例名称,实例标签,DNS主机前缀,IP地址,安全列表和SSH密钥,并点击下一步[>],进入到下一个页面;

Compute

< Cancel
Image
Shape
Instance
Storage
Review
Review and Create >

Instance
 Enter the required details to create your instance. [Learn more.](#)

High Availability Policy Active

Name spree
Label spree
Description
Tags

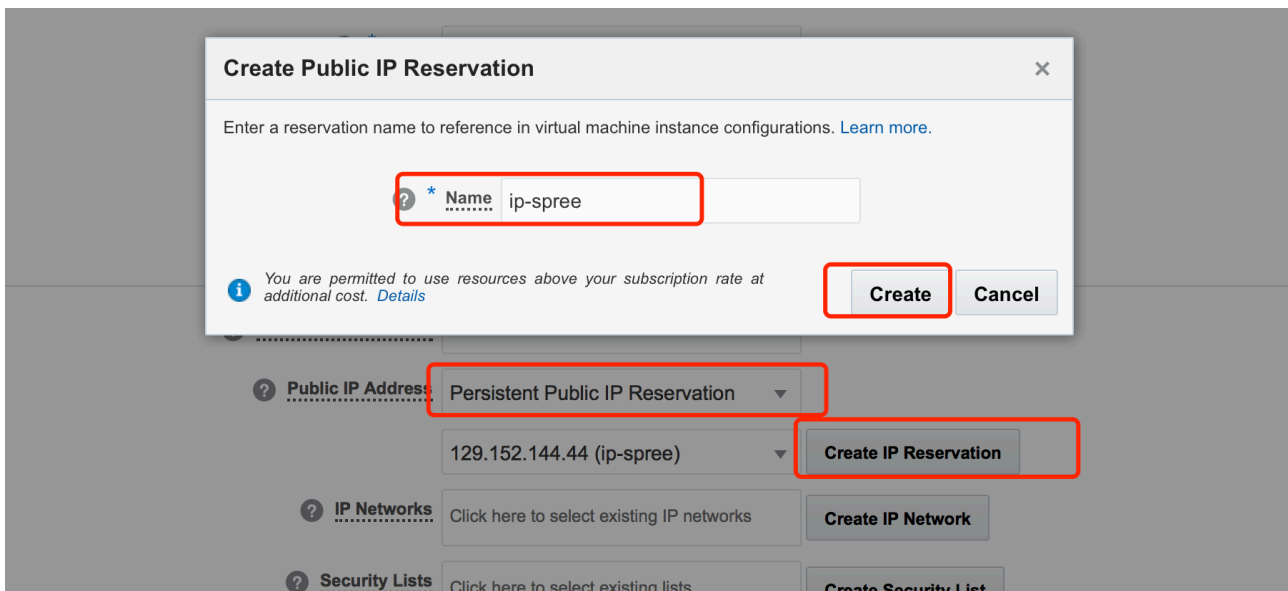
DNS Hostname Prefix spree

Public IP Address Persistent Public IP Reservation
129.152.144.44 (ip-spree) Create IP Reservation

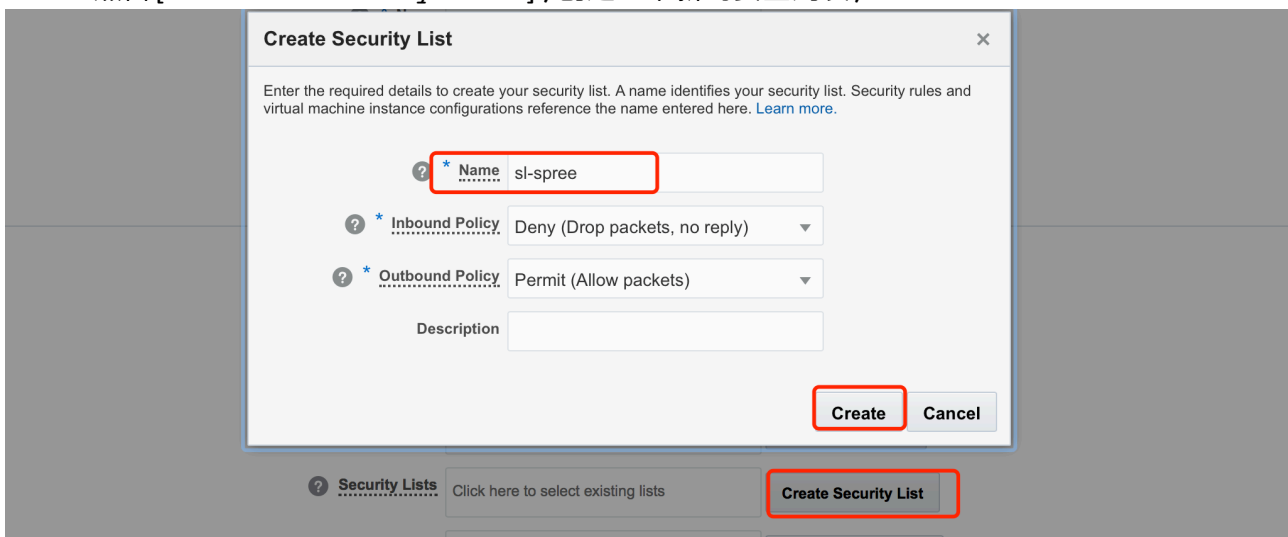
IP Networks Click here to select existing IP networks Create IP Network

Security Lists sl-spree Create Security List
SSH Keys ssh-spree Add SSH Public Key

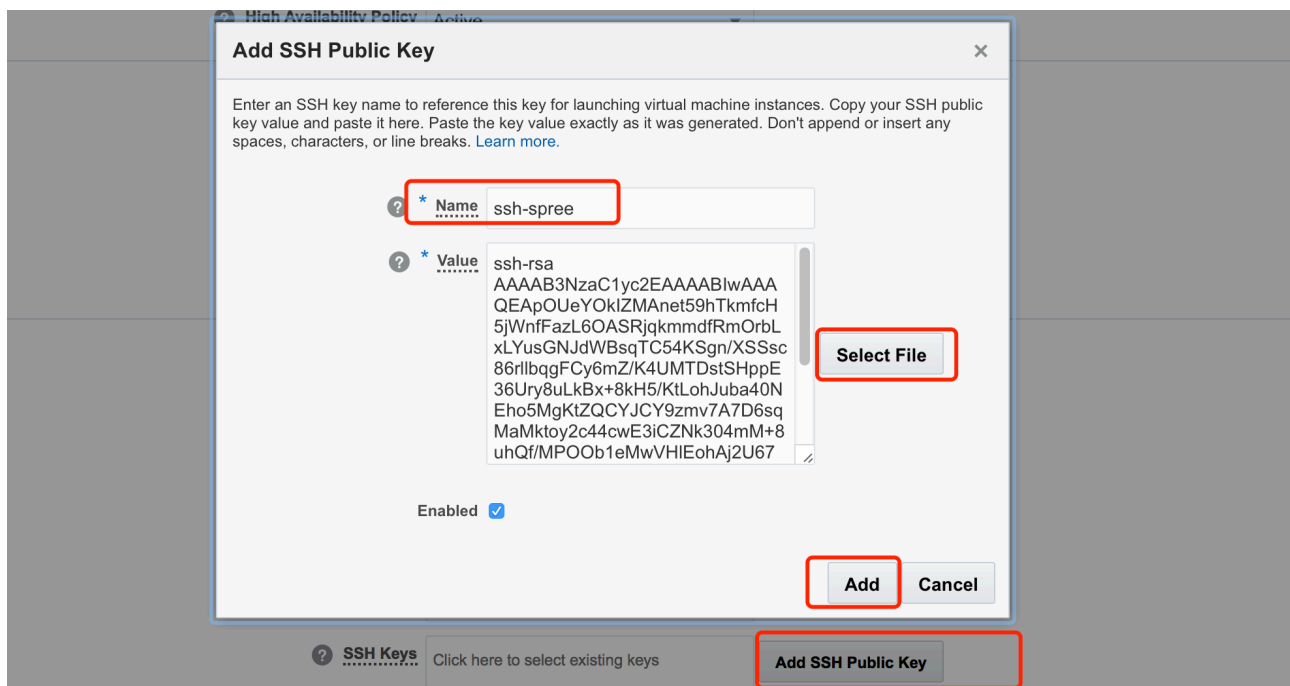
3.8.1在共有IP地址中选择[Persistent Public IP Reservation],然后点击[Create IP Reservation]按钮,创建一个公网IP,供之后访问;



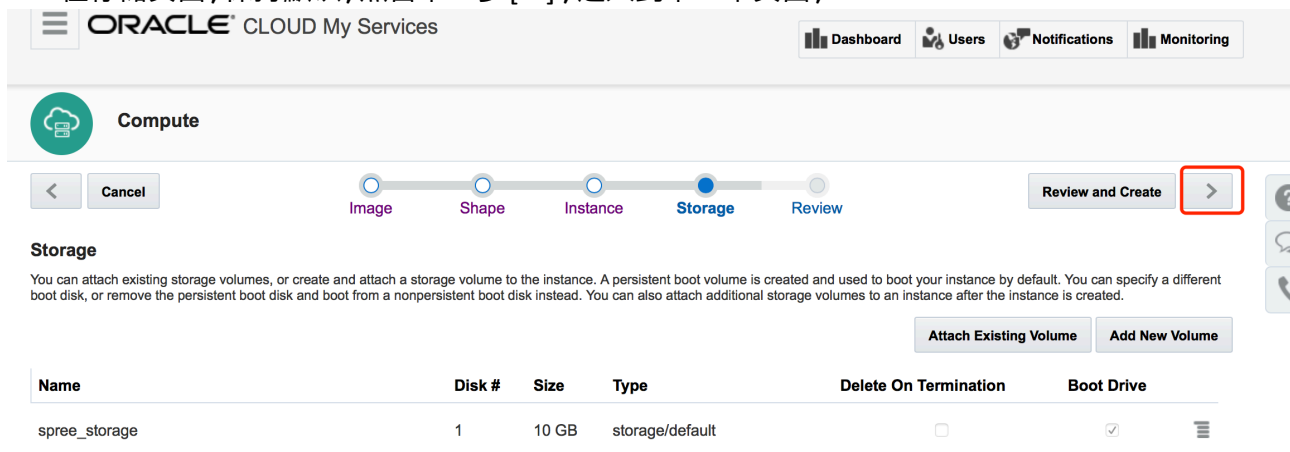
3.8.2 点击[Create Security List], 创建一个新的安全列表;



3.8.3 需要预先使用ssh-keygen工具生成一组公私密钥; 点击[Add SSH Public Key] 创建一个SSH的公钥, 选择已创建 id_rsa.pub 文件;



3.9在存储页面,保持默认,点击下一步[>],进入到下一个页面;



3.10在汇总页面,点击创建;

Compute

<

Cancel

Image

Shape

Instance

Storage

Review

Create

Review

Review your settings for the new instance.

You are permitted to use resources above your subscription rate at additional cost.

Details

Image

bitnami-spree-3.0.7-3-r27-linux-oel-6.7-x86_64 (bitnami-spree-3.0.7-3-r27-lin

Shape

oc1m (OCPUs: 1; Memory: 15 GB)

oc1m (OCPUs: 1; Memory: 15 GB)

High Availability Policy

Active

Name

spree

Label

spree

Description

Tags

DNS Hostname Prefix

spree

Public IP Address

129.152.144.44 (ip-spree)

IP Networks

Security Lists

sl-spree

SSH Keys

ssh-spree

Storage

spree_storage

Custom Attributes

3.11在[Compute-Orchestrations]页面,可以查看实例创建的进度(当实例的master,storage,instance三项状态均变为“ready”后,表示实例创建完成);

ORACLE[®] CLOUD My Services

Dashboard

Users

Notifications

Monitoring

Compute

Instances

Network

Storage

Orchestrations

Images

Summary

3

orchestrations

-

ready

Orchestrations

An orchestration defines the attributes and interdependencies of a collection of compute, networking, and storage resources. After building an orchestration (in a JSON-formatted file) and adding it to the service, you can trigger the creation and removal of all the resources defined in the orchestration with a single step. [Learn more.](#)

Category: All

Show: All

Upload Orchestration

Name	Description	Status	Time
spree_instance		Stopped	
spree_master		Starting	
spree_storage		Starting	

ORACLE CLOUD My Services

Dashboard Users Notifications Monitoring

Compute Instances Network Storage **Orchestrations** Images

Summary

3 orchestrations 3 ready

Orchestrations

An orchestration defines the attributes and interdependencies of a collection of compute, networking, and storage resources. After building an orchestration (in a JSON-formatted file) and adding it to the service, you can trigger the creation and removal of all the resources defined in the orchestration with a single step. [Learn more.](#)

Category: All Show: All Upload Orchestration

Name	Description	Status	Time
spree_instance		Ready	Jan 5, 2017 3:55:59 PM
spree_master		Ready	Jan 5, 2017 3:46:24 PM
spree_storage		Ready	Jan 5, 2017 3:46:26 PM

3.12 网络配置;

3.12.1 此时实例还是无法访问的, 因为默认的安全列表是限制所有的进出访问的;

Compute Instances **Network** Storage Orchestrations Images

Security

Security Rules

Security Lists

Security Applications

Security IP Lists

IP Network

IP Reservations

SSH Public Keys

VPN

Summary

2 security lists 1 used

Security Lists

A security list is a set of instances that you can specify as a source or destination in security rules. [Learn more.](#)

Category: All Create Security List

Name	Associated Instances	Security Rules	Inbound Policy	Outbound Policy
default			Deny	Permit
sl-spree	spree		Deny	Permit

3.12.2 先创建一个安全应用, 用于例外实例的一些端口; 进入 [Compute-Network] 页面, 选择 [Security-Security Applications] 标签, 点击 [Create Security Application] 按钮, 然后填写对应内容, 这里选择把 http 的 80 端口例外出来; (这一步骤可以省略, 安全应用中默认会有系统自带的 http 安全应用, 例外的就是 80 端口)

Compute Instances **Network** Storage Orchestrations Images

Security

Security Rules

Security Lists

Security Applications

Security IP Lists

IP Network

IP Networks

IP Exchanges

VNIC Set

Routes

Create Security Application

Enter the required details to create your security application. If the security application uses a single port, enter the same port number as the start and end port number. [Learn more.](#)

Name: spree-http-80

Port Type: TCP

Port Range Start: 80

Port Range End: 80

Description:

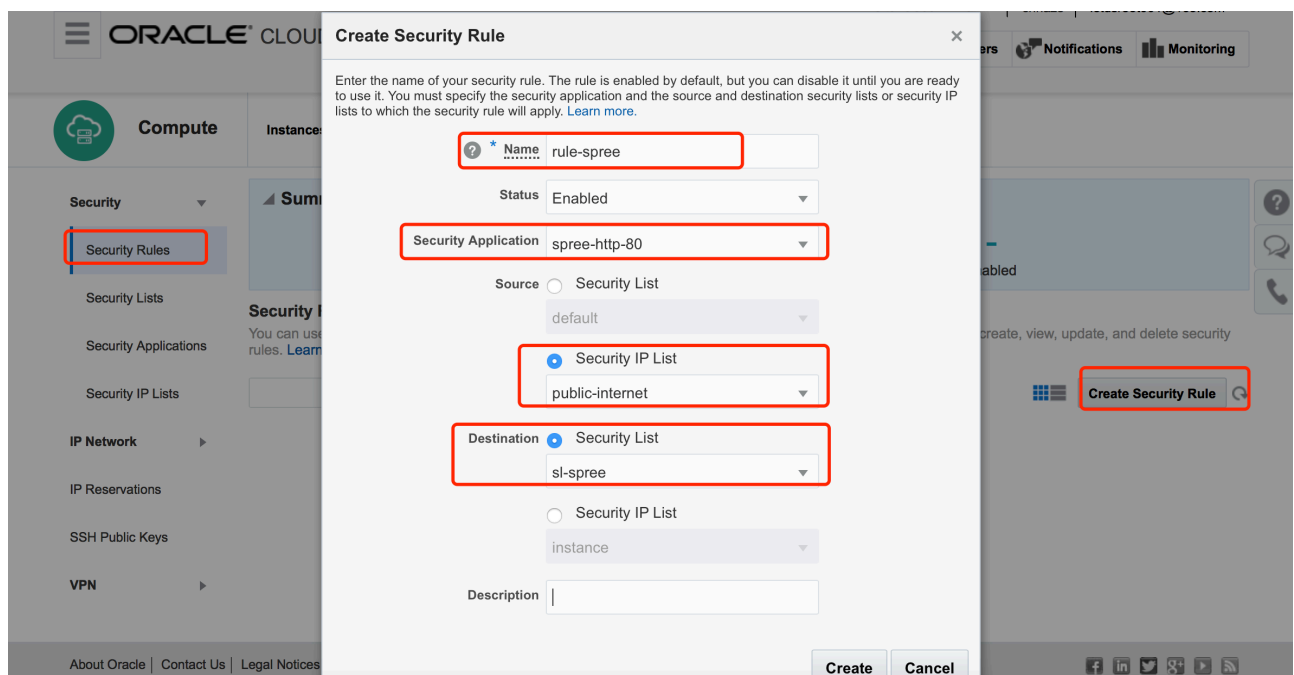
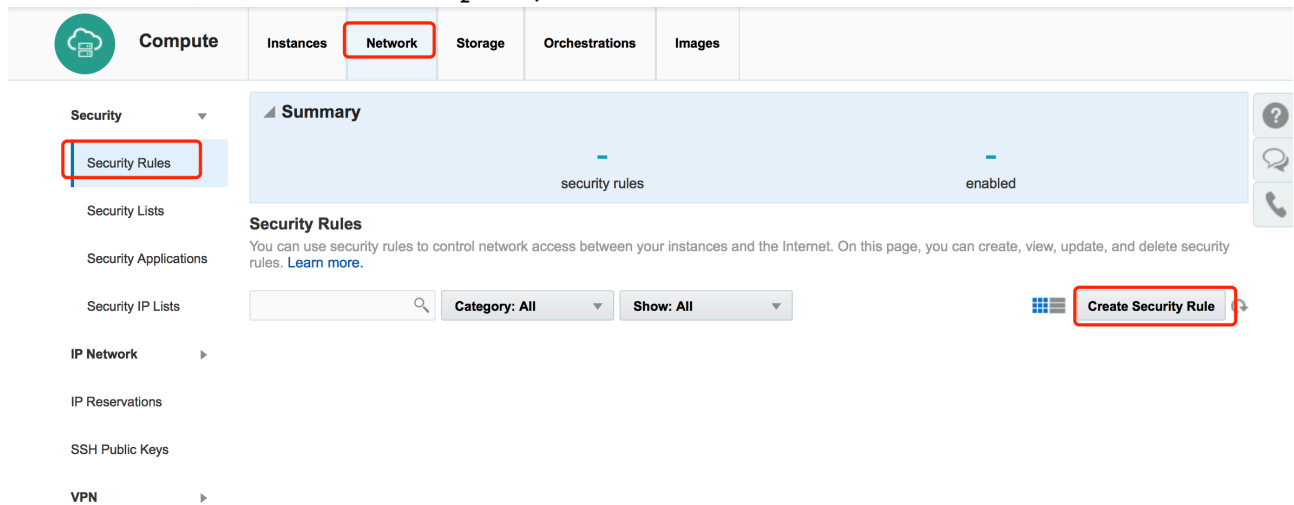
Create Cancel

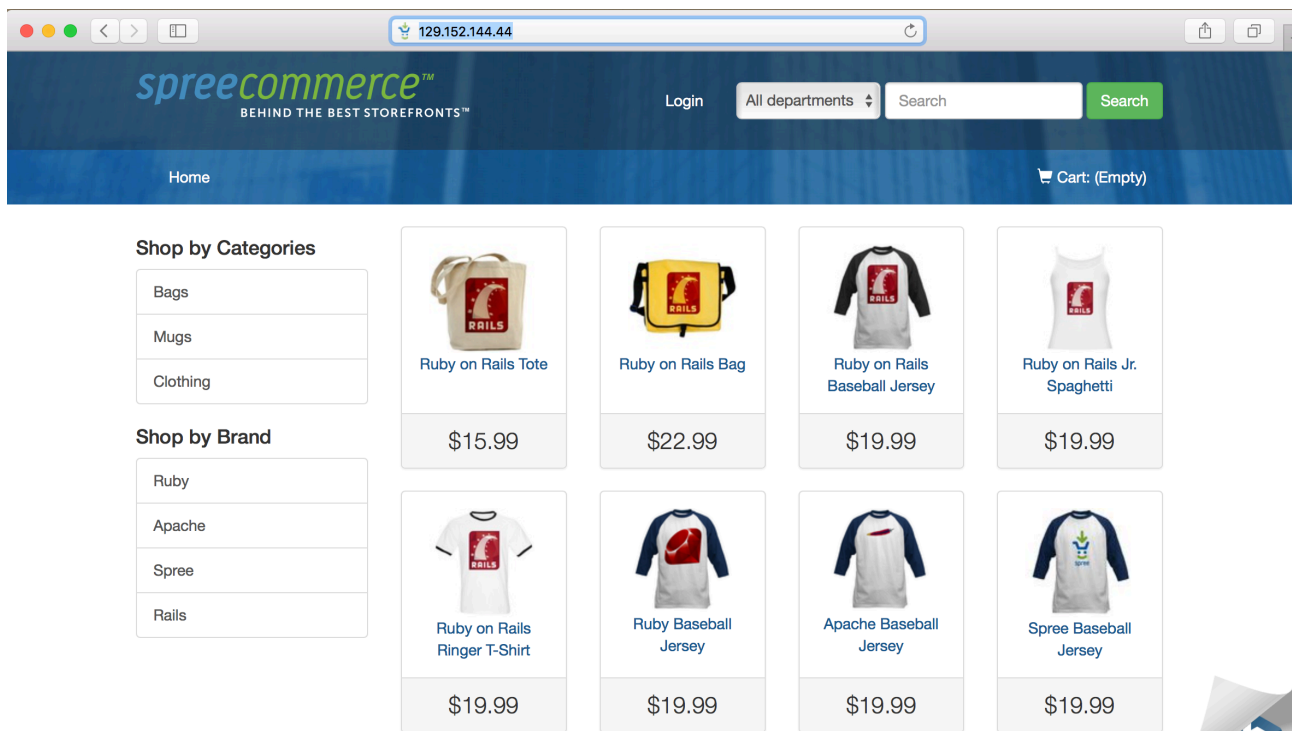
29 public

Create Security Application

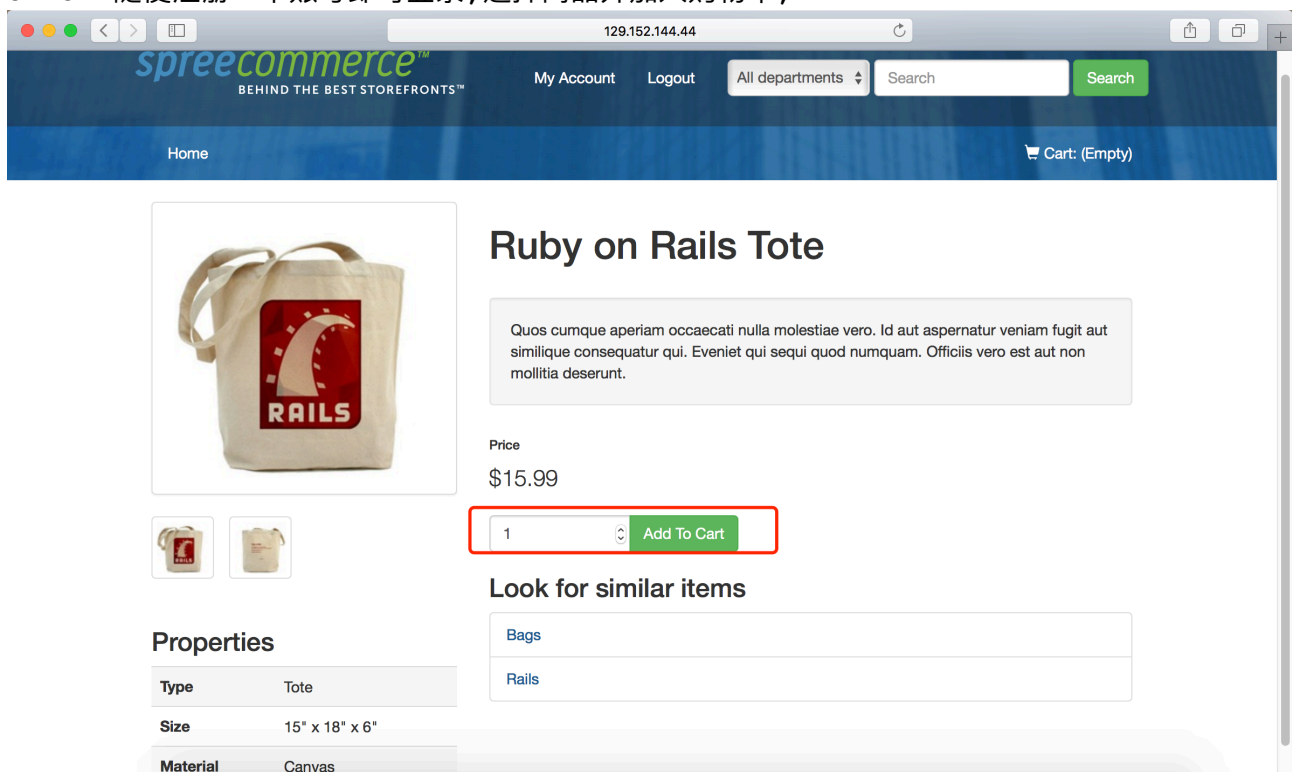
http tcp 80

3.12.3进入[Compute-Network]页面,选择[Security-Security Applications]标签,点击[Create Security Rule]按钮;填写安全规则名称rule-spree,状态选择Enabled,Security Application选择刚刚创建的spree-http-80或者系统自带的http,Source表示访问来源这里选择公网public-internet,Destination表示访问的目标即刚刚创建的实例使用的安全列表sl-spree;

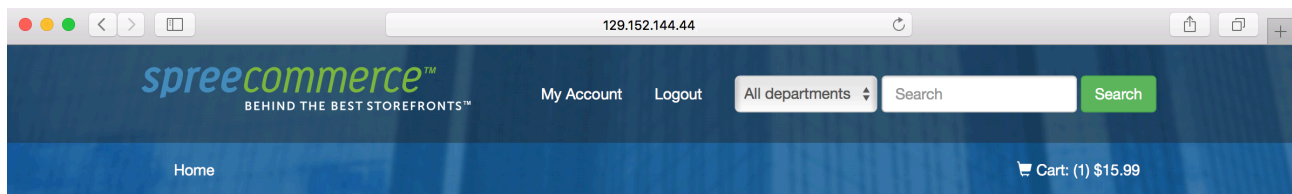





3.13.4 随便注册一个账号即可登录, 选择商品并加入购物车;

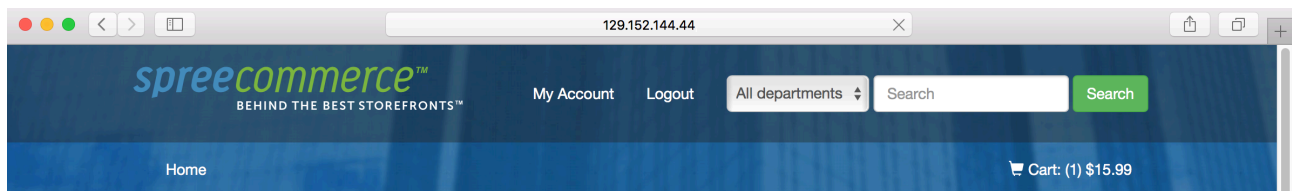


3.15.5 支付页面;



Shopping Cart

Item	Price	Qty	Total
 Ruby on Rails Tote Quos cumque aperiam occaecati nulla molestiae vero. Id aut aspernatur veniam fugit aut similique ...	\$15.99	1	\$15.99
Total			\$15.99
Empty Cart or Continue shopping			
Update			Checkout



Checkout

Address		Delivery	Payment	Complete				
Customer E-Mail <input type="text" value="sonne.k.wang@gmail.com"/>		Order Summary <table><tr><td>Item Total:</td><td>\$15.99</td></tr><tr><td>Order Total:</td><td>\$15.99</td></tr></table>			Item Total:	\$15.99	Order Total:	\$15.99
Item Total:	\$15.99							
Order Total:	\$15.99							
Billing Address First Name* <input type="text"/>	Shipping Address <input checked="" type="checkbox"/> Use Billing Address							

至此,使用云市场快速搭建小型电商网站的过程就完成了,也可以尝试市场中其他的应用;