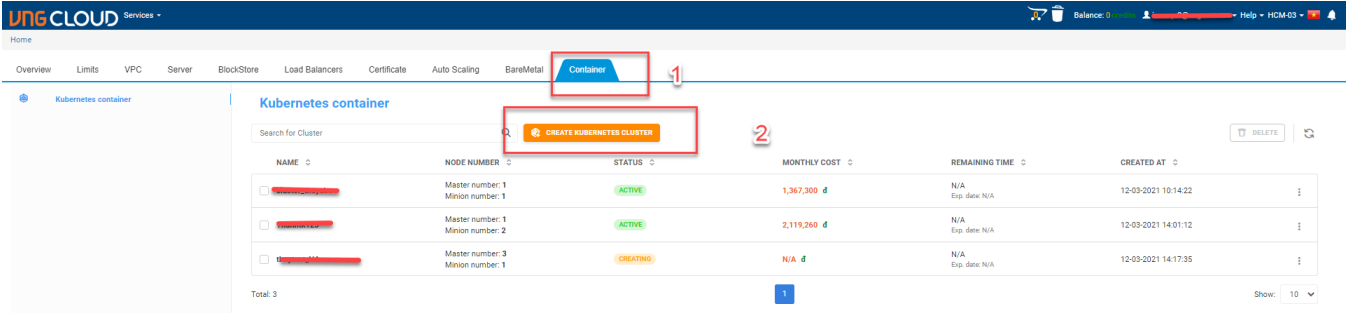
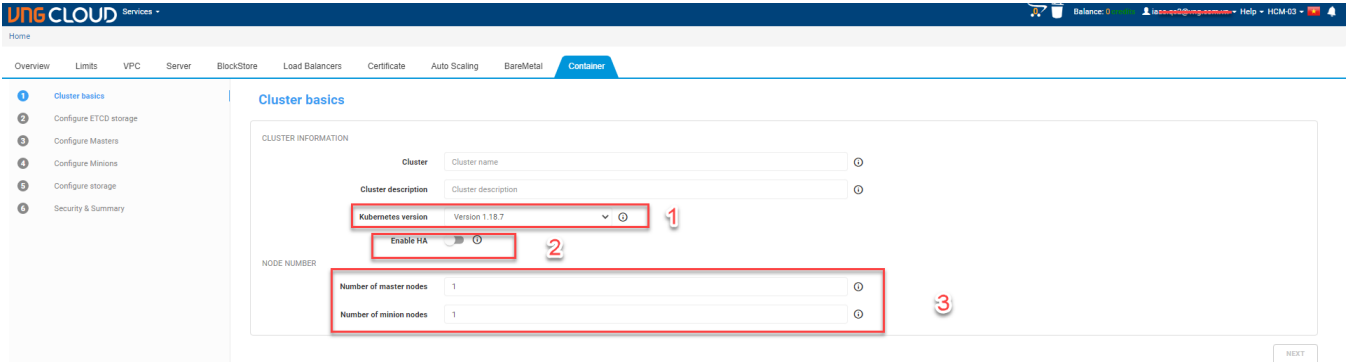


# B.2.1: Khi ti dch vu K8S - Non-HA

Bc 1 : Khi to dich v K8S

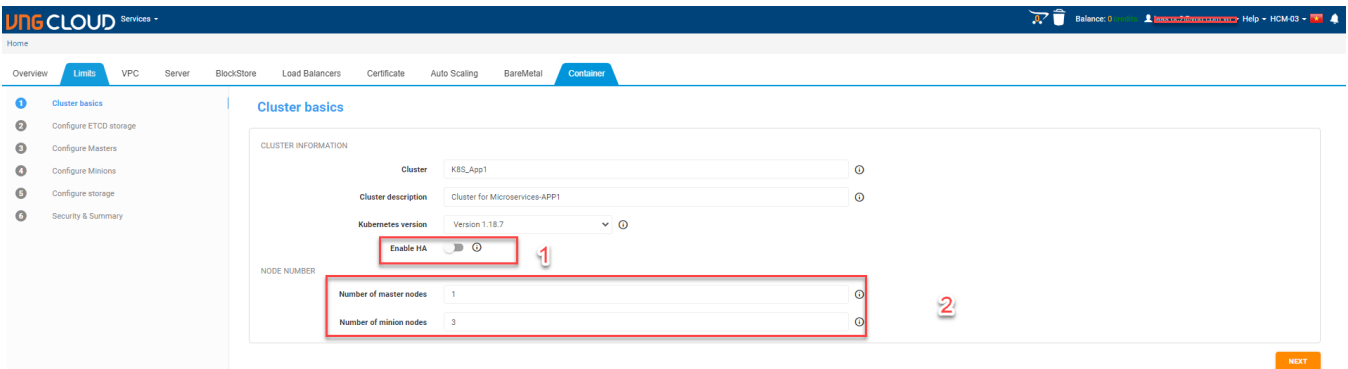


Bc 2 : Chn K8S vi mode (non -HA )



note : H tr Version K8s : Version 1.18.7. Vi mode Non-HA thì cho phép 01 Master

Bc 3 : Chn s lng Minion (Docker node)



Bc 4: Chn cu hình cho ETCD :

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### Configure ETCD storage

ETCD STORAGE INFORMATION

Number 1

Size 30 1

Type SSD

IOPS 200 2

PREVIOUS NEXT

Bc 5 : Chn cu hình server cho Master (2 dòng General hoc High Performance)

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### Configure Masters

MASTER FLAVOR

Filter By Instance Type: General v1 Instances

TYPE	CPU	RAM	GPU	PRICE
<input checked="" type="radio"/> v1.small2x4.b100	2	4 GB	0	520,300 đ
<input type="radio"/> v1.small4x4.b100	4	4 GB	0	726,000 đ
<input type="radio"/> v1.small2x8.b100	2	8 GB	0	834,900 đ
<input type="radio"/> v1.medium4x6.b100	4	6 GB	0	883,300 đ
<input type="radio"/> v1.medium4x8.b100	4	8 GB	0	1,040,600 đ
<input type="radio"/> v1.medium4x12.b100	4	12 GB	0	1,355,200 đ
<input type="radio"/> v1.medium8x8.b100	8	8 GB	0	1,452,000 đ
<input type="radio"/> v1.medium4x16.b100	4	16 GB	0	1,669,800 đ
<input type="radio"/> v1.medium8x16.b100	8	16 GB	0	2,081,200 đ
<input type="radio"/> v1.medium8x24.b100	8	24 GB	0	2,710,400 đ
<input type="radio"/> mo.v1.medium8x24	8	24 GB	0	2,710,400 đ
<input type="radio"/> v1.large16x24.b100	16	24 GB	0	3,533,200 đ
<input type="radio"/> v1.large16x32.b100	16	32 GB	0	4,162,400 đ
<input type="radio"/> v1.large24x32.b100	24	32 GB	0	5,230,720 đ
<input type="radio"/> v1.large16x64.b100	16	64 GB	0	6,925,600 đ
<input type="radio"/> v1.large24x64.b100	24	64 GB	0	7,993,920 đ

Bc 6 : Chn cu hình server cho Minion (2 dòng General hoc High Performance)

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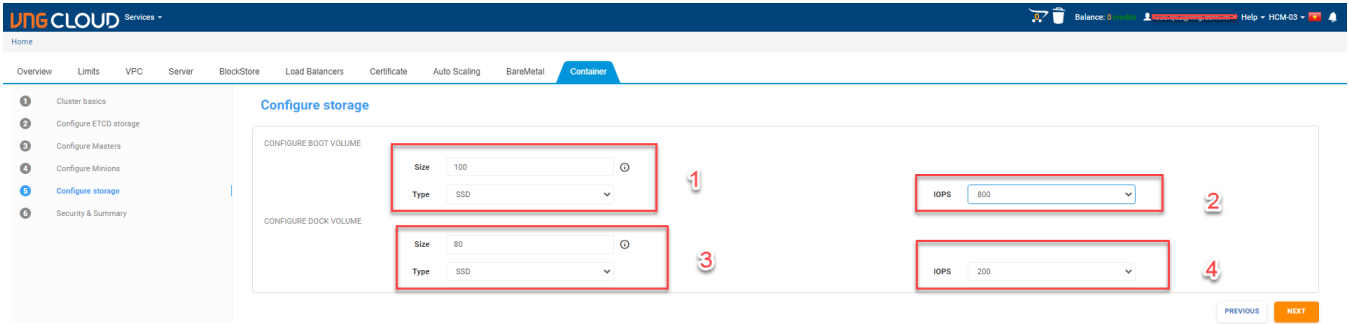
### Configure Minions

MINION FLAVOR

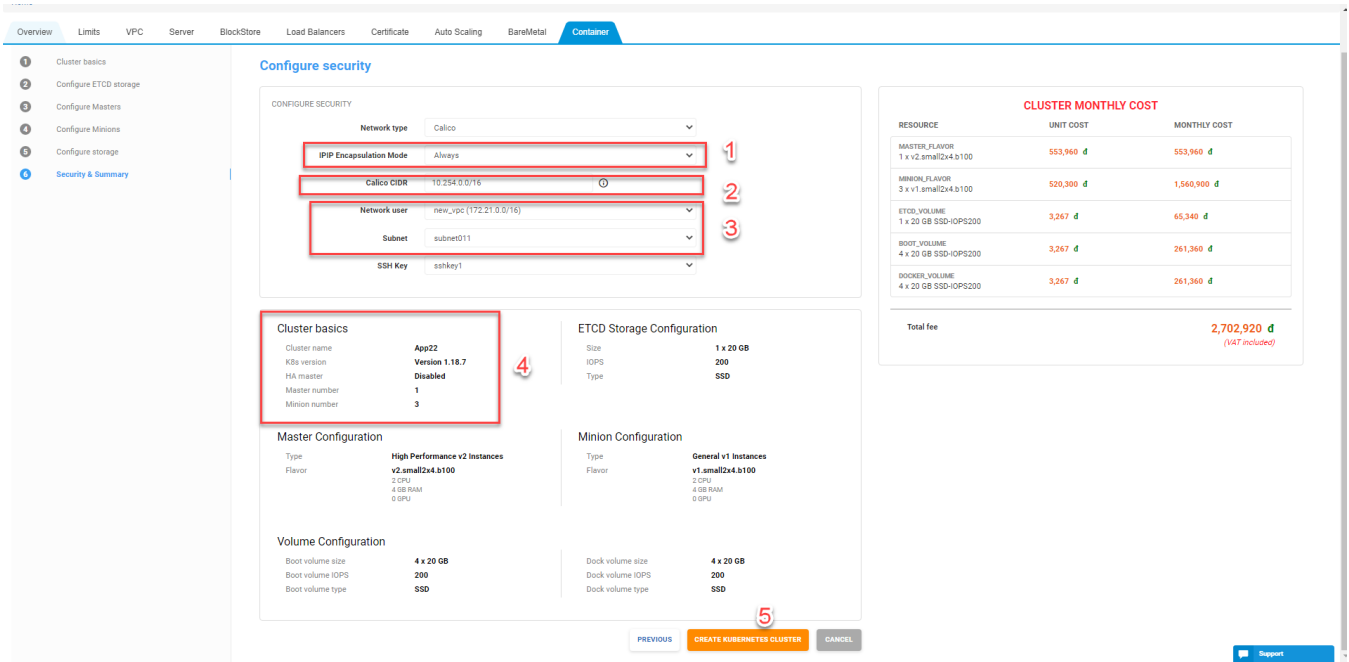
Filter By Instance Type: General v1 Instances

TYPE	CPU	RAM	GPU	PRICE
<input checked="" type="radio"/> v1.small2x4.b100	2	4 GB	0	520,300 đ
<input type="radio"/> v1.small4x4.b100	4	4 GB	0	726,000 đ
<input type="radio"/> v1.small2x8.b100	2	8 GB	0	834,900 đ
<input type="radio"/> v1.medium4x6.b100	4	6 GB	0	883,300 đ
<input type="radio"/> v1.medium4x8.b100	4	8 GB	0	1,040,600 đ
<input type="radio"/> v1.medium4x12.b100	4	12 GB	0	1,355,200 đ
<input type="radio"/> v1.medium8x8.b100	8	8 GB	0	1,452,000 đ
<input type="radio"/> v1.medium4x16.b100	4	16 GB	0	1,669,800 đ
<input type="radio"/> v1.medium8x16.b100	8	16 GB	0	2,081,200 đ
<input type="radio"/> v1.medium8x24.b100	8	24 GB	0	2,710,400 đ
<input type="radio"/> mo.v1.medium8x24	8	24 GB	0	2,710,400 đ
<input type="radio"/> v1.large16x24.b100	16	24 GB	0	3,533,200 đ
<input type="radio"/> v1.large16x32.b100	16	32 GB	0	4,162,400 đ
<input type="radio"/> v1.large24x32.b100	24	32 GB	0	5,230,720 đ
<input type="radio"/> v1.large16x64.b100	16	64 GB	0	6,925,600 đ
<input type="radio"/> v1.large24x64.b100	24	64 GB	0	7,993,920 đ

Bc 7:: Chon cu hình Cho Boot và Dock ca c Master và Minion



Bc 7.1: Chn loi Overlay network (IPIP Encryption mode) là always thì phn khai báo network các docker chy s dng subnet /16



Bc 7.2: Chn loi Overlay network (IPIP Encryption mode) là Crosssubnet thì phn khai báo network các docker chy s dng subnet /24

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### Configure security

#### CONFIGURE SECURITY

Network type: Calico

1  
2  
3

IPIP Encapsulation Mode: CrossSubnet

Calico CIDR: 10.254.10.0/24

Network user: new\_rpc (172.21.0.0/16)

Subnet: subnet011

SSH Key: sshkey1

#### Cluster basics

Cluster name: **App22**

K8s version: **Version 1.18.7**

HA master: **Disabled**

Master number: **1**

Minion number: **3**

#### ETCD Storage Configuration

Size: **1 x 20 GB**

IOPS: **200**

Type: **SSD**

#### Master Configuration

Type: **High Performance v2 Instances**

Flavor: **v2.small2x4.b100**

2 CPU  
4 GB RAM  
0 GPU

#### Minion Configuration

Type: **General v1 Instances**

Flavor: **v1.small2x4.b100**

2 CPU  
4 GB RAM  
0 GPU

#### Volume Configuration

Boot volume size: **4 x 20 GB**

Boot volume IOPS: **200**

Boot volume type: **SSD**

Dock volume size: **4 x 20 GB**

Dock volume IOPS: **200**

Dock volume type: **SSD**

PREVIOUS **CREATE KUBERNETES CLUSTER** CANCEL

#### CLUSTER MONTHLY COST

RESOURCE	UNIT COST	MONTHLY COST
MASTER_FLAVOR 1 x v2.small2x4.b100	553,960 d	553,960 d
MINION_FLAVOR 3 x v1.small2x4.b100	520,300 d	1,560,900 d
ETCD_VOLUME 1 x 20 GB SSD-IOPS200	3,267 d	65,340 d
BOOT_VOLUME 4 x 20 GB SSD-IOPS200	3,267 d	261,360 d
DOCKER_VOLUME 4 x 20 GB SSD-IOPS200	3,267 d	261,360 d

Total fee: **2,702,920 d**  
*(VAT included)*

Support