



public
network

us-east-1 [region]

name: nlbvpc, cidr: 10.1.0.0/16

us-east-1a (az)

nlbpubsn1, 10.1.1.0/24

ftp/21

http/80

network
loadbalancer

us-east-1b (az)

nlbpubsn2, 10.1.2.0/24

nlbhybsn4, 10.1.4.0/24

protocol: http
port: 80

nlbhybsn3, 10.1.3.0/24

vsftpd protocol: ftp
port: 21

active-active
active-passivemode
nlb -> vsftpd (connect)

us-east-1c (az)

internet
gateway

NAT Gateway

Amazon
EC2
jumpbox

APACHE
HTTP SERVER PROJECT
Amazon
EC2

Amazon
EC2
ftpec2
instance

security groups:

```
1. name: vsftpec2sg
vpc: nlbvpc
ingress
ssh 22 10.1.0.0/0 allow
customTCP 21 10.1.0.0/0 allow
customTCP 40000-50000 10.1.0.0/16 allow
egress
all traffic anyPort 0.0.0.0/0 allow
```

```
2. name: httppec2sg
vpc: nlbvpc
ingress
ssh 22 10.1.0.0/0 allow
http 80 10.1.0.0/0 allow
egress
all traffic anyPort 0.0.0.0/0 allow
```

```
3. name: nlbjbec2sg
vpc: nlbvpc
ingress
ssh 22 0.0.0.0/0 allow
egress
all traffic anyPort 0.0.0.0/0 allow
```

```
1. name: nlbsg
vpc: nlbvpc
ingress
http. 80 0.0.0.0/0 allow
customTCP 21 0.0.0.0/0 allow
egress
all traffic anyPort 0.0.0.0/0 allow
```

