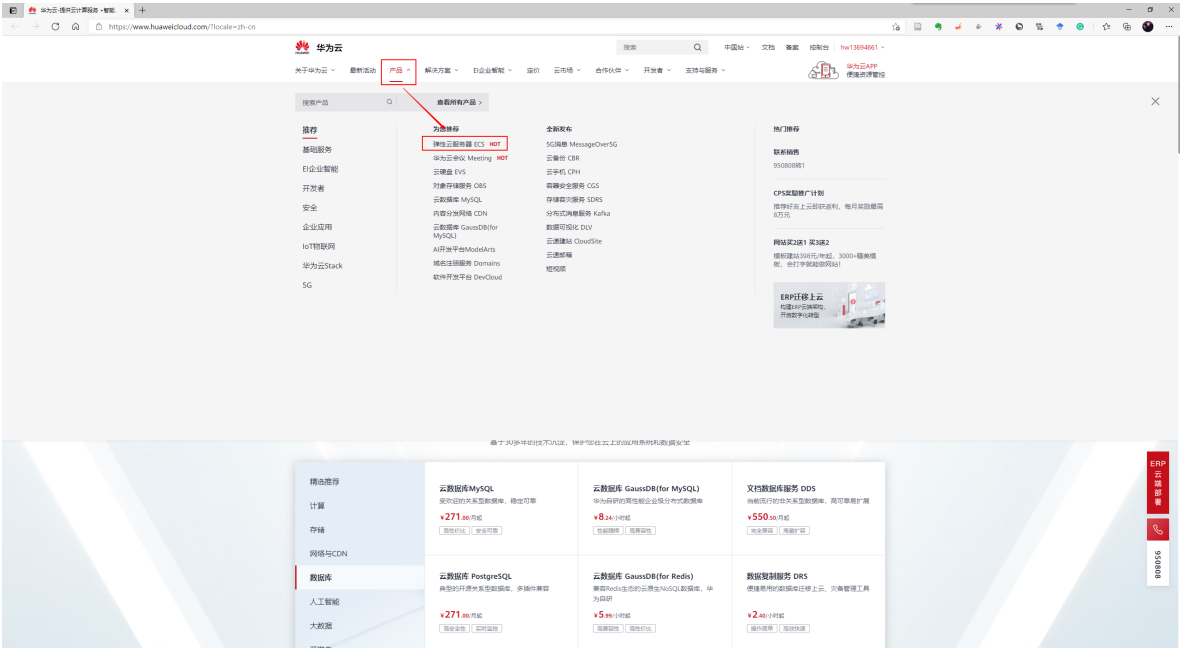
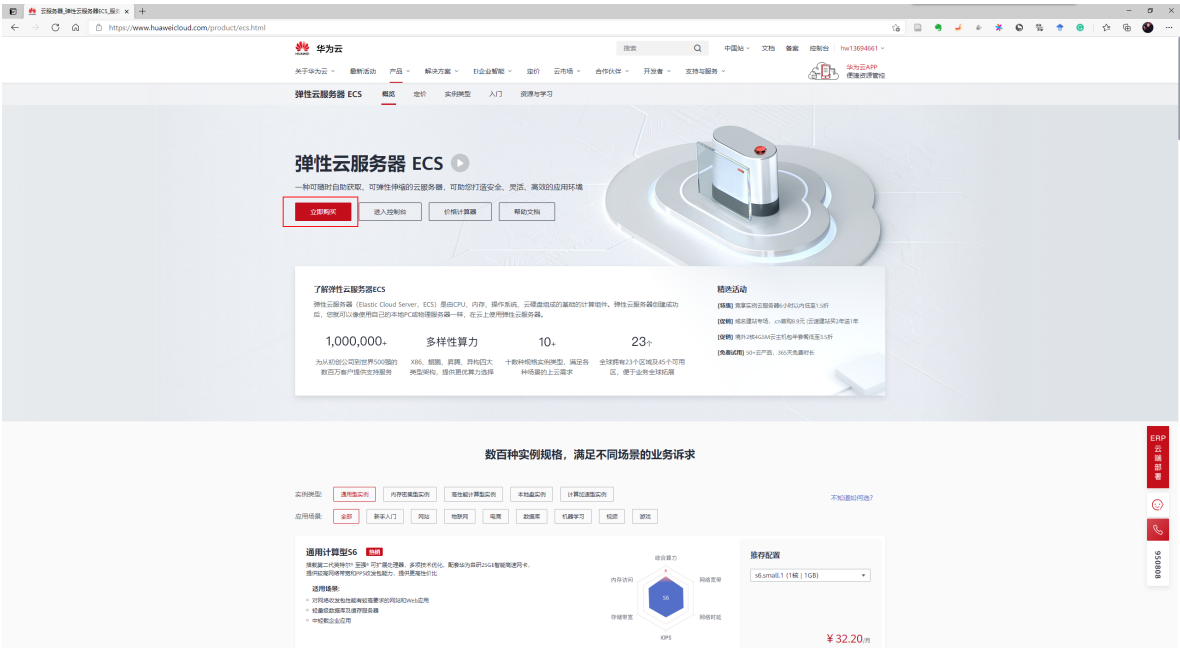


购买服务器

选择弹性云服务器 ECS

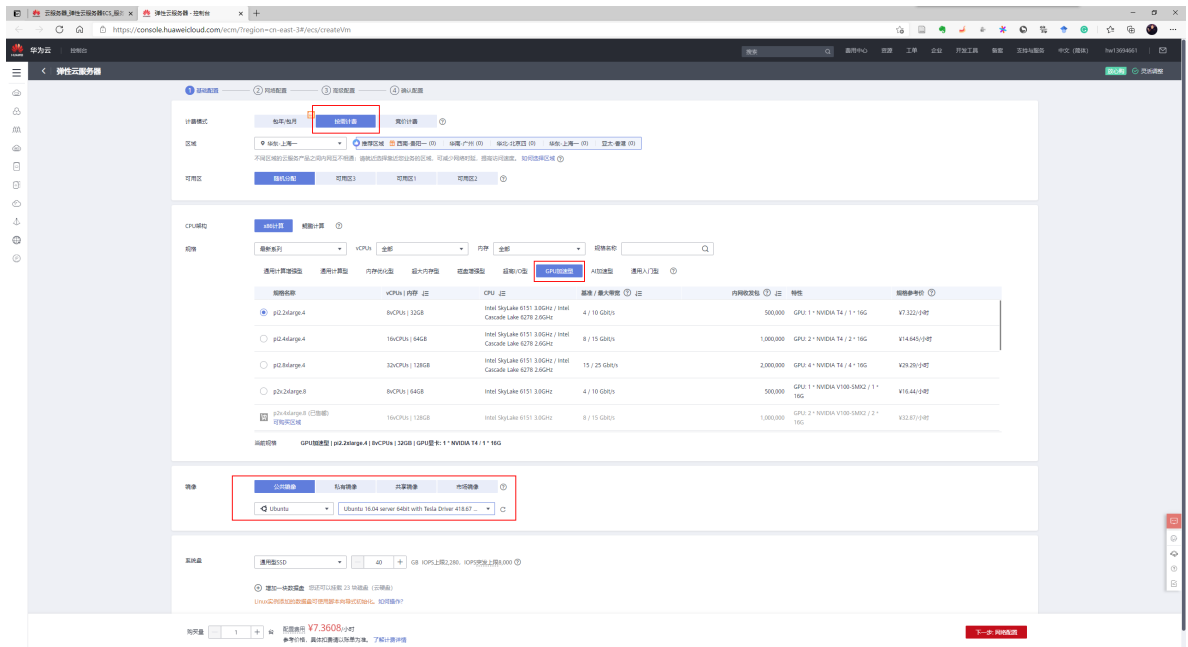


点击购买



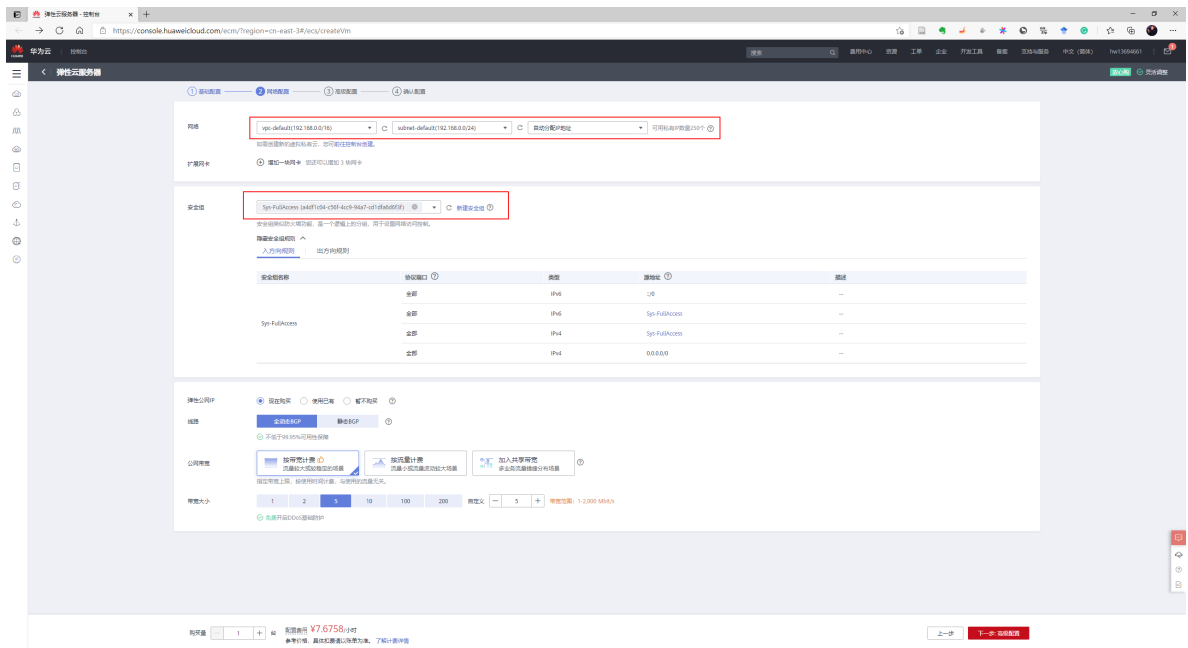
基础配置

- 计费模式：按需计费
- GPU加速型
- 选择镜像



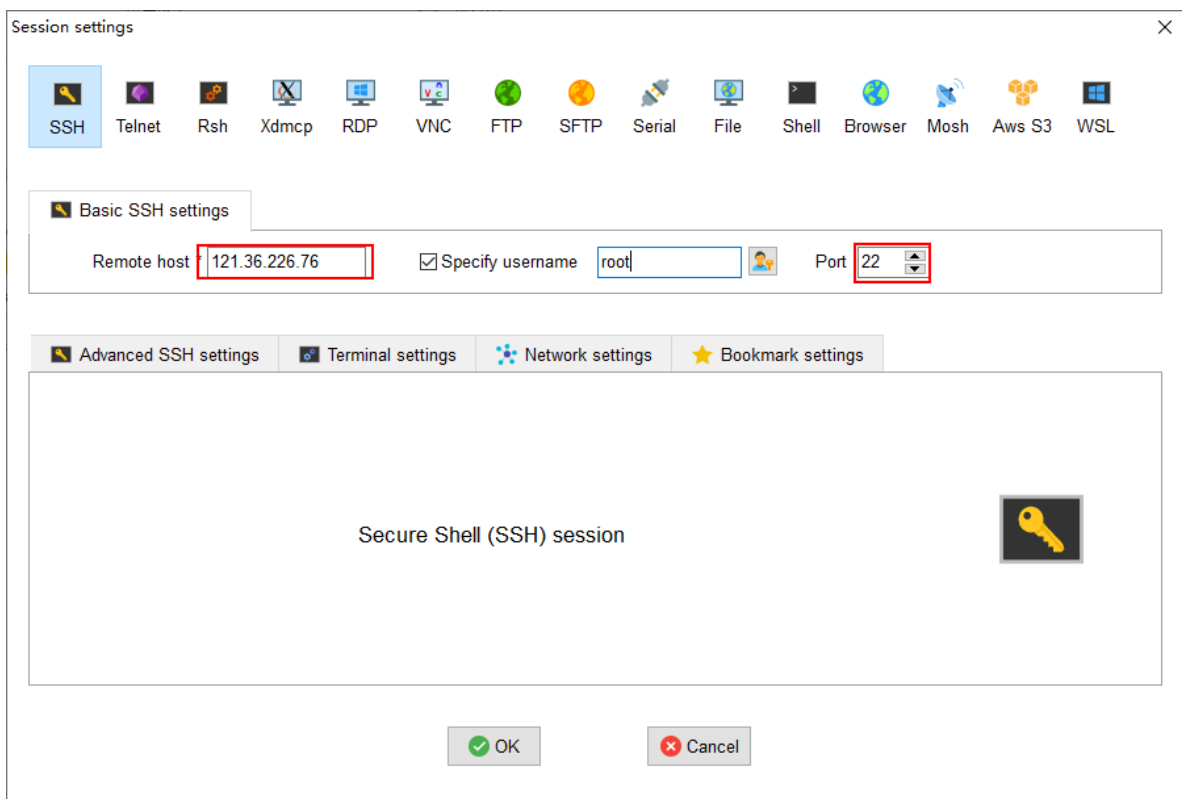
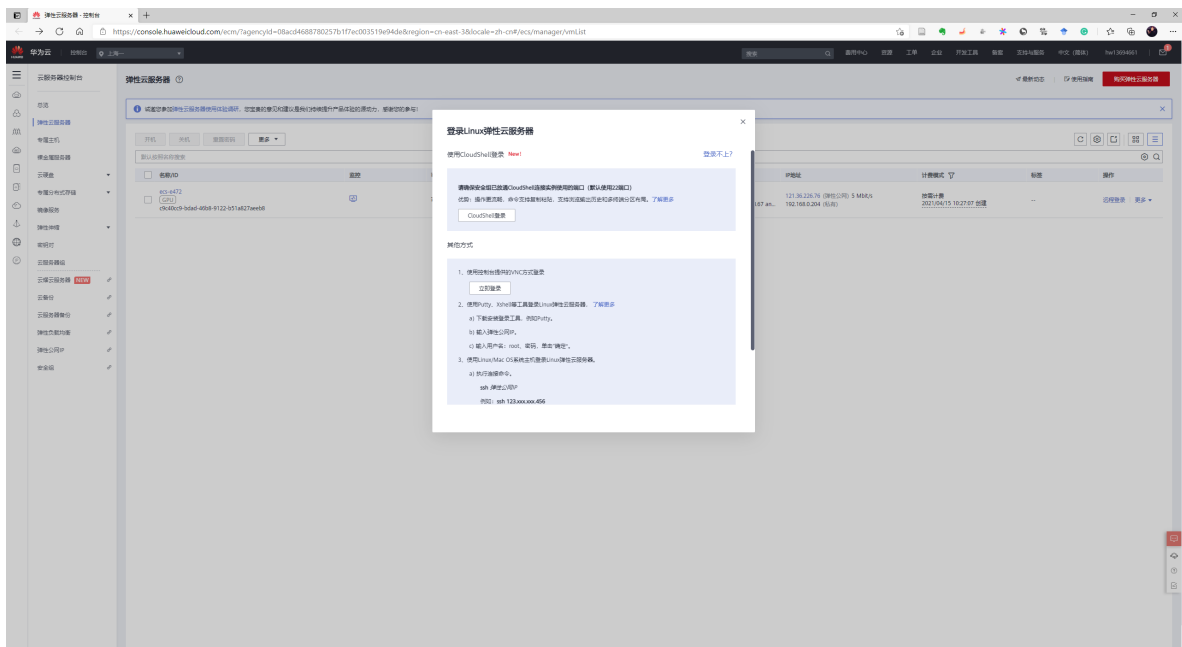
网络配置

- 网络选择默认
- 安全组可以选择 `Sys-Fu11Access` ,方便后续配置jupyter notebook，或者自定义安全组开放8888端口（或任一端口）。



高级配置

- 设置root密码



配置服务器

anaconda

- 下载anaconda

```
wget https://repo.continuum.io/archive/Anaconda3-5.0.1-Linux-x86_64.sh
```

- 安装anaconda

```
bash Anaconda3-5.0.1-Linux-x86_64.sh
```

- (添加环境变量)

```
echo 'export PATH=~/.anaconda3/bin:$PATH' >> ~/.bashrc
```

```
source .bashrc
```

- 创建虚拟环境

```
conda create -n dl python=3.7
```

- 激活和退出环境

```
source activate dl
```

```
source deactivate dl
```

jupyter notebook

- 安装 `conda install jupyter notebook`
- 生成默认配置文件 `jupyter notebook --generate-config`
- 生成密钥

- 输入ipython, 进入ipython命令

- In [1]: `from notebook.auth import passwd`

```
In [2]: passwd()
```

```
Enter password:
```

```
Verify password:
```

```
Out[2]:
```

```
'argon2:$argon2id$v=19$m=10240,t=10,p=8$2qGuiQM1yJBkHuQro55QGA$Mnwp5aaXaLp/1kt7D90vxw'
```

```
In [3]: exit
```

- 修改用户主目录 `~/.jupyter/jupyter_notebook_config.py` 文件

- ```
c.NotebookApp.password =
'argon2:$argon2id$v=19$m=10240,t=10,p=8$2qGuiQM1yJBkHuQro55QGA$Mnwp5aaXaLp/1kt7D90vxw' # 将密钥复制进去
c.NotebookApp.ip='*' #允许任何ip访问
c.NotebookApp.open_browser = False
c.NotebookApp.port =8888 #可自行指定一个端口，访问时使用该端口
```

- 安装插件 `conda install nb_conda`
- 运行 `jupyter notebook --allow-root`
- `ip:8888`

## pytorch

- 安装

<https://pytorch.org/get-started/previous-versions/>

```
CUDA 10.1
```

```
conda install pytorch==1.5.0 torchvision==0.6.0 cudatoolkit=10.1 -c pytorch
```

- 测试

```
(dl) root@ecs-e472:~# python3
```

```
Python 3.7.10 (default, Feb 26 2021, 18:47:35)
```

```
[GCC 7.3.0] :: Anaconda, Inc. on linux
```

```
Type "help", "copyright", "credits" or "license" for more information.
```

```
>>> import torch
```

```
>>> torch.cuda.is_available()
```

```
True
```

```
>>>exit()
```