

## Linux 下安装渗透测试框架 Metasploit

从 github 来下载:

```
git clone https://github.com/rapid7/metasploit-framework.git
```

进去直接运行即可。

```
./msfconsole
```

### 执行过程出现报错:

以下过程最好先 cd 进入 metasploit 下

安装相关依赖:

```
yum install postgresql-devel
```

Ruby

升级 ruby

```
cd /usr/local/src
```

```
wget --no-check-certificate https://cache.ruby-lang.org/pub/ruby/2.5/ruby-2.5.3.tar.gz
```

```
tar xf ruby-2.5.3.tar.gz
```

```
cd ruby-2.5.3
```

```
./configure --prefix=/usr/local/ruby
```

```
make
```

```
make install
```

添加环境变量:

```
vim /etc/profile
```

```
export PATH=$PATH:/usr/local/ruby/bin
```

```
source /etc/profile
```

查看版本

```
ruby -v
```

报错:

```
'cannot load such file -- bundler/setup'
```

安装 bundler

如果上面升级版本方式不行, 可试试其他升级 Ruby 版本方式。

### Centos7 安装升级 Ruby

添加 aliyun 镜像并检测 Ruby 版本

```
gem sources -a http://mirrors.aliyun.com/rubygems/
```

```
ruby -v
```

安装 RAM

```
gpg --keyserver hkp://keys.gnupg.net --recv-keys 409B6B1796C275462A1703113804B
```

```
B82D39DC0E3 7D2BAF1CF37B13E2069D6956105BD0E739499BDB
```

```
curl -sSL https://get.rvm.io | bash -s stable
```

更新配置文件，使其立马生效：

```
source /etc/profile.d/rvm.sh
```

查看 RVM 版本信息，如果可以代表安装成功

```
rvm -v
```

安装 Ruby，安装较高版本：

```
rvm install 2.6.2
```

然后安装 bundler

```
gem install bundler
```

ERROR: Failed to build gem native extension

```
rvm install ruby-dev
```

Run `bundle install` to install missing gems

执行：

```
bundle install --path vendor/cache
```

后面报缺少什么就安装什么即可

```
Could not find pg-0.21.0 in any of the sources
```

Make sure that `gem install pg -v '0.15.1'` succeeds before bundling

```
yum install postgresql-devel
```

```
gem install pg -v '0.21.0' -- --with-pg-config=/path/to/pg_config
```