

云迁移客户内网环境安装方法

笔记本： 云迁移

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URL: <http://220.231.216.27/cmigrate/v2.3.0/cmigrate-deploy.html>

云迁移部署

[部署文档](#)

step1: 上传安装脚本

```
http://220.231.216.27/cmigrate/v2.3.1/PackerInstallerForLinux.sh
```

step2: 脚本添加执行权限

```
chmod +x PackerInstallerForLinux.sh
```

step3: 上传packer安装包以及依赖包

1.新建/opt/packer目录

```
mkdir /opt/packer
```

2.安装包下载到/opt/packer目录

```
packer包地址: http://220.231.216.27/cmigrate/v2.3.1/packer-linux-generic-2.3.1.tgz
datto相关rpm包: Index of /cmigrate/datto/x86_64/datto-rpm/ (根据系统版本选择)
kernel-devel包: http://220.231.216.27/cmigrate/kernel-devel/ (根据内核版本选择)
dkms包: http://220.231.216.27/cmigrate/datto/x86_64/datto-rpm/epel/dkms-2.3-5.8.noarch.rpm
```

3.新建 /opt/packer/0.10.15目录, 放置patch文件

```
patch文件地址: http://220.231.216.27/cmigrate/datto/patch/0.10.15/0001-fix-kernel-panic-in-cow_read_mapping.patch
```

完成后/opt/packer目录结构如下:

```
.
├── 0.10.15
│   └── 0001-fix-kernel-panic-in-cow_read_mapping.patch
├── dattobd-utils-0.10.15-29.1.el7.x86_64.rpm
├── datto-el-rpm-release-7-11.7.noarch.rpm
├── dkms-2.3-5.8.noarch.rpm
├── dkms-dattobd-0.10.15-29.1.el7.noarch.rpm
├── dlad-2.7.1.1-1.1.el7.x86_64.rpm
├── kernel-devel-3.10.0-1160.el7.x86_64.rpm (需要跟内核版本一致`uname -a`)
├── libdattobd-0.10.15-29.1.el7.x86_64.rpm
├── libdattobd-devel-0.10.15-29.1.el7.x86_64.rpm
├── libiscsi-datto-1.14.0-48.11.el7.x86_64.rpm
├── libiscsi-datto-devel-1.14.0-48.11.el7.x86_64.rpm
├── libmercury++-0.1.1-74.3.el7.x86_64.rpm
├── libmercuryftp-0.1.1-74.3.el7.x86_64.rpm
├── mercuryftp-0.1.1-74.3.el7.x86_64.rpm
├── packer-linux-generic-2.3.0.tgz
```

step4: 制作本地yum源

1) centos 原始镜像配置为本地yum源 (如果用户内网centos源已经配置, 可跳过)

1.挂载iso镜像

```
mkdir /mnt/dvd
mount /dev/cdrom /mnt/dvd

cd /etc
mv yum.repos.d/ yum.repos.d.bak
mkdir yum.repos.d
```

2.新建/etc/yum.repos.d/CentOS-Media.repo文件内容的baseurl和enabled字段

centos7:

```
touch /etc/yum.repos.d/CentOS-Media.repo

填写如下内容:
[c7-media]
name=CentOS-$releasever - Media
baseurl=file:///mnt/dvd
gpgcheck=1
enabled=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

执行更新
yum clean all
yum makecache
```

centos8:

```
touch /etc/yum.repos.d/CentOS-Media.repo

填写如下内容:
[c8-media-BaseOS]
name=CentOS-BaseOS-$releasever - Media
baseurl=file:///mnt/dvd/BaseOS
gpgcheck=1
enabled=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-centosofficial

[c8-media-AppStream]
name=CentOS-AppStream-$releasever - Media
baseurl=file:///mnt/dvd/AppStream
gpgcheck=1
enabled=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-centosofficial

执行更新
dnf clean all
dnf makecache
```

2)/opt/packer制作为本地yum源

1.使用createrepo工具, 将/opt/packer制作成repo库

```
yum install createrepo
```

```
createrepo /opt/packer
```

2.创建/etc/yum.repos.d/CentOS-datto.repo 文件 centos7:

```
touch /etc/yum.repos.d/CentOS-datto.repo

[c7-datto]
name=CentOS-$releasever - Datto
baseurl=file:///opt/packer
gpgcheck=0
enabled=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7
```

centos8:

```
[c8-datto]
name=CentOS-$releasever - datto
baseurl=file:///opt/packer
gpgcheck=0
enabled=1
gpgkey=file:///etc/pki/rpm-gpg/RPM-GPG-KEY-centosofficial
```

3) 更新yum本地源

centos7

```
yum makecache
```

centos8:

```
dnf makecache
dnf install elfutils-libelf-devel
```

step5: 执行安装脚本

```
./PackerInstallerForLinux.sh
```

等待更新完成即可