

# rsync ?? ?????? KVM ??????

?????      rsync    ????      KVM    ????      ??????????????????  
??????      ???????      V11 + KVM + Libvirt + WebVirtCloud    ??

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## 1?? ??????

1. ????
  - ?    /var/lib/libvirt/images/ ?????
  - ????    /backup/libvirt/
2. ?????????      **SSH** ????    ?
3. ?    rsync ?

```
dnf install -y rsync
```

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## 2?? ????????

????????????????

```
/backup/libvirt/  
  YYYYMMDD/  
    images/  
    xml/
```

- images/ ????      qcow2/raw ?
  - xml/ ????      virsh dumpxml ??
- 

## 3?? ??????????XML?

????????????

```
mkdir -p /var/lib/libvirt/backup/xml  
for vm in $(virsh list --name); do
```

```
virsh dumpxml "$vm" > /var/lib/libvirt/backup/xml/"$vm".xml
done
```

```
“ [REDACTED]
vm.xml [REDACTED]
```

```
XML [REDACTED]
```

```
virsh define
```

## 4?? rsync ??????????

```
[REDACTED]
```

```
IP [REDACTED] 192.168.0.100 [REDACTED]
```

```
backupuser [REDACTED]
```

```
# [REDACTED]
BACKUP_DATE=$(date +%Y%m%d)
mkdir -p /var/lib/libvirt/backup/images/$BACKUP_DATE

# [REDACTED]
rsync -avh --progress /var/lib/libvirt/images/
backupuser@192.168.0.100:/backup/libvirt/images/$BACKUP_DATE/
```

## rsync ??????

- -a [REDACTED]
- -v [REDACTED]
- -h [REDACTED]
- --progress [REDACTED]

## 5?? ??????????

```
[REDACTED] /usr/local/bin/libvirt_backup.sh [REDACTED]
```

```
#!/bin/bash

# [REDACTED]
BACKUP_DATE=$(date +%Y%m%d)

# [REDACTED]
```



