

Конвертор Linux в LXC контейнер на Proxmox

Ручное создание контейнера

migrate.sh

```
#!/bin/bash
usage()
{
    cat <<EOF
$1 -h|--help
-t|--target [target machine hostname or ip]
EOF
    return 0
}

options=$(getopt -o n:t:i:s:a:b:g:m:d:p:f -l help,target: -- "$@")
if [ $? -ne 0 ]; then
    usage $(basename $0)
    exit 1
fi
eval set -- "$options"

while true
do
    case "$1" in
        -h|--help)    usage $0 && exit 0;;
        -t|--target)    target=$2; shift 2;;
        --)            shift 2; break ;;
        *)            break ;;
    esac
done

collectFS() {
    tar -czvzf - -C / \
    --exclude="sys\*" \
    --exclude="dev\*" \
    --exclude="run\*" \
    --exclude="proc\*" \
    --exclude="*.log" \
    --exclude="*.log*" \
    --exclude="*.gz" \
    --exclude="*.sql" \
    --exclude="swap.img" \
    .
}
```

```
ssh "root@$target" "${typeset -f collectFS}; collectFS" \  
> "$target.tar.gz"
```

Автоматическое создание контейнера

[migrate.sh](#)

```
#!/bin/bash  
usage()  
{  
    cat <<EOF  
$1 -h|--help  
-n|--name [lxc container name]  
-f|--from [source linux machine ssh uri]  
-i|--id [proxmox container id]  
-s|--root-size [rootfs size in GB]  
-a|--ip [target container ip]  
-b|--bridge [bridge interface]  
-g|--gateway [gateway ip]  
-m|--memory [memory in mb]  
-d|--disk-storage [target proxmox storage pool]  
-p|--password [root password for container (min. 5 chars)]  
EOF  
    return 0  
}  
  
options=$(getopt -o n:f:i:s:a:b:g:m:d:p:f -l help,name:,from:,id:,root-  
size:,ip:,bridge:,gateway:,memory:,disk-storage:,password:,foo: --  
"$@")  
if [ $? -ne 0 ]; then  
    usage $(basename $0)  
    exit 1  
fi  
eval set -- "$options"  
  
while true  
do  
    case "$1" in  
        -h|--help)      usage $0 && exit 0;;  
        -n|--name)      name=$2; shift 2;;  
        -f|--from)      from=$2; shift 2;;  
        -i|--id)        id=$2; shift 2;;  
        -s|--root-size) rootsize=$2; shift 2;;  
        -a|--ip)        ip=$2; shift 2;;  
        -b|--bridge)    bridge=$2; shift 2;;  
        -g|--gateway)   gateway=$2; shift 2;;  
        -m|--memory)    memory=$2; shift 2;;
```

```
-p|--password) password=$2; shift 2;;
-d|--disk-storage) storage=$2; shift 2;;
-- )
*)
    shift 2; break ;;
    break ;;
esac
done

collectFS() {
    tar -czvtf - -C / \
        --exclude="sys/*" \
        --exclude="dev/*" \
        --exclude="run/*" \
        --exclude="proc/*" \
        --exclude="*.log" \
        --exclude="*.log*" \
        --exclude="*.gz" \
        --exclude="*.sql" \
        --exclude="swap.img" \
        .
}

ssh "root@$from" "$(typeset -f collectFS); collectFS" \
> "$name.tar.gz"

pct create $id "$name.tar.gz" \
    --description $from \
    --hostname $name \
    --features nesting=1 \
    --memory $memory \
    --net0 name=eth0,ip=$ip/24,gw=$gateway,bridge=$bridge \
    --rootfs $rootsize -storage $storage -password $password

rm "$name.tar.gz"
```

source: <https://github.com/my5t3ry/machine-to-proxmox-lxc-ct-converter>

From:

<https://micronode.ru/> - **micronode.ru**

Permanent link:

https://micronode.ru/wiki/hypervisors/proxmox/migrate_to_lxc

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