

---

Subject: Re: Script to backup groups of vms each day via cron job

Posted by [nolageek](#) on Mon, 25 Nov 2013 20:00:20 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Well, glad to see how helpful the folks here are with fellow openvz users.

Anyway, I was able to get this working and it's run the last few days. I'm posting this because I think it may be helpful for others that are looking for a way to stagger backing up larger numbers of VMs on their host nodes.

```
#!/bin/sh
```

```
# How many days per week do you want to run backups? (starts on monday)
```

```
DPW=5
```

```
##### END OF CONFIGURATION
```

```
if [[ $(date +%u) -gt $DPW ]] ; then
```

```
    echo 'Sorry, you cannot run this program today.'
```

```
    exit
```

```
fi
```

```
#figure out how many VMs we have, and figure out how many to backup each day of the week
```

```
TOTAL=`/usr/sbin/vzlist -H -o ctid|wc -l`
```

```
DAILY=$((TOTAL/$DPW))
```

```
# if Monday, backup first set of $DAILY number of VMs, if tuesday then second set, etc...
```

```
DAY="$(date +%u)"
```

```
NUM2=$((DAILY * DAY))
```

```
NUM1=$((NUM2 - DAILY + 1))
```

```
if [[ ($DAY -eq $DPW) && ($NUM2 -lt $TOTAL) ]]; then
```

```
    NUM2=$TOTAL
```

```
fi
```

```
# Get list of all VMs, remove leading whitespace, segment them and then back them up
```

```
for VM in `/usr/sbin/vzlist -H -o ctid | sed 's/^[ \t]*//' | sed -n "$NUM1,$NUM2 p"; do
```

```
/usr/sbin/vzdump --suspend $VM --tmpdir /vz/dump/tmp; done
```