

---

Subject: Set a directory in tmpfs in a VE  
Posted by [ugob](#) on Wed, 19 Sep 2007 18:21:54 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

I'm attempting to set a MailScanner VE.

Usually, on a MailScanner system, we put /tmp and /var/spool/MailScanner/incoming on tmpfs (in-memory filesystem) to increase processing speed (don't worry, there is no possibility of e-mail loss).

My question is... can I do the same thing for a VE?

For example, if my VE is 101, can I put /vz/private/101/tmp on tmpfs on the host node? (or should I use /vz/root/101/tmp)

Thanks,

Ugo

---

---

Subject: Re: Set a directory in tmpfs in a VE  
Posted by [rickb](#) on Thu, 20 Sep 2007 18:01:17 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

From in the VE context, try this:

```
mount -t tmpfs -o noexec,nosuid tmpfs /tmp/
```

---

Subject: Re: Set a directory in tmpfs in a VE  
Posted by [ugob](#) on Thu, 20 Sep 2007 18:04:14 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

So you're saying that it should work right?

Oh, from within the VE?

---

---

Subject: Re: Set a directory in tmpfs in a VE  
Posted by [ugob](#) on Thu, 20 Sep 2007 18:09:46 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

```
[root@vz01 ~]# mount -t tmpfs -o noexec,nosuid tmpfs /tmp/
[root@vz01 ~]# mount
simfs on / type simfs (rw)
proc on /proc type proc (rw)
sysfs on /sys type sysfs (rw)
devpts on /dev/pts type devpts (rw)
tmpfs on /tmp type tmpfs (rw,nosuid,noexec)
```

---

---

Subject: Re: Set a directory in tmpfs in a VE  
Posted by [ugob](#) on Thu, 11 Oct 2007 02:26:57 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

It looks like it works:

```
[root@server mail]# mount
simfs on / type simfs (rw)
proc on /proc type proc (rw)
sysfs on /sys type sysfs (rw)
devpts on /dev/pts type devpts (rw)
tmpfs on /var/spool/MailScanner/incoming type tmpfs (rw)
tmpfs on /tmp type tmpfs (rw)
```

How can I make sure it is held in memory?

Thanks,

---

---

Subject: Re: Set a directory in tmpfs in a VE  
Posted by [ugob](#) on Tue, 16 Oct 2007 12:36:37 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

rickb wrote on Thu, 20 September 2007 14:01 From in the VE context, try this:

```
mount -t tmpfs -o noexec,nosuid tmpfs /tmp/
```

I tried it but some configuration files kept on falling back to their default configuration, so I removed all this.

Really weird. While I had /var/spool/MailScanner/incoming and /tmp on tmpfs, the file /etc/MailScanner/mailscanner-mrtg was modified, and saved.

A few hours later, the modifications I've made are not there anymore.

I removed the tmpfs configuration and now working on the filesystem directly. Is this a bug? Could I do it safely on the HN, I have access?

Regards,  
Ugo

---

---

Subject: Re: Set a directory in tmpfs in a VE  
Posted by [ugob](#) on Mon, 05 Nov 2007 21:37:18 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

ugob wrote on Tue, 16 October 2007 08:36rickb wrote on Thu, 20 September 2007 14:01From in the VE context, try this:

```
mount -t tmpfs -o noexec,nosuid tmpfs /tmp/
```

I tried it but some configuration files kept on falling back to their default configuration, so I removed all this.

Really weird. While I had /var/spool/MailScanner/incoming and /tmp on tmpfs, the file /etc/MailScanner/mailscanner-mrtg was modified, and saved.

A few hours later, the modifications I've made are not there anymore.

I removed the tmpfs configuration and now working on the filesystem directly. Is this a bug? Could I do it safely on the HN, I have access?

Regards,  
Ugo

Nevermind. The file is synced from another server. I'll re-enable the config.

---