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Subject: mounting tmp - no space on device  
Posted by [devonblzx](#) on Sun, 12 Apr 2009 19:05:54 GMT  
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Hello,

To secure the /tmp partition, we try to mount it with noexec,nosuid with:

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

However, we notice that after a while it will claim there is no space left on the device on the /tmp partition which causes issues with sessions and other web scripts.

Even after removing all the files in /tmp it will still claim there is no space.

Any ideas how to solve this?

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Subject: Re: mounting tmp - no space on device  
Posted by [maratrus](#) on Mon, 13 Apr 2009 11:31:43 GMT  
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Hello,

where did the problem happen, on the HN or inside the VE?

Quote:

we try to mount it with noexec,nosuid

Could you please check if these options caused the problem?

Were there any problems while these options were not used?

Quote:

However, we notice that after a while it will claim there is no space left on the device on the /tmp partition which causes issues with sessions and other web scripts.

Even after removing all the files in /tmp it will still claim there is no space.

Could you please show

```
# ls -l /proc/mounts  
# cat /proc/mounts  
# df -h  
# df -i
```

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Subject: Re: mounting tmp - no space on device  
Posted by [devonblzx](#) on Mon, 13 Apr 2009 18:49:20 GMT  
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# df -h

Filesystem	Size	Used	Avail	Use%	Mounted on
/dev/simfs	100G	41G	60G	41%	/
tmpfs	3.9G	2.6M	3.9G	1%	/tmp

# df -i

Filesystem	Inodes	IUsed	IFree	IUse%	Mounted on
/dev/simfs	4000000	311266	3688734	8%	/
tmpfs	1011060	171	1010889	1%	/tmp

# cat /proc/mounts

simfs / simfs rw 0 0

/proc /proc proc rw 0 0

/sys /sys sysfs rw 0 0

none /dev/pts devpts rw 0 0

tmpfs /tmp tmpfs rw,nosuid,noexec 0 0

Not sure about if it happens without nosuid and noexec yet.

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