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?

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

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.