

Re: Best "one size fits all" FreeBSD partition layout

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smoker <amd@headru.sh> writes:

- > *The first machines to be released have only 1 partition, namely /*
- > *Everything else is under /*
- >
- > *Is this a good/bad thing, and is it worth our while trying to get the dc*
- > *to change to a default FreeBSD partition arrangement ?*

There's pros and cons. Depends exactly what you're using it for.

pro separate partitions:

if one of your log files gets too big, you crash logging but not your whole system.

anti: but you can set up syslog to avoid that situation.

pro: as you make backups, you don't have to backup /temp, you can make fewer or no backups of root if they haven't changed from day to day.

anti: but the time and space those partitions take is usually small compared to your data that you'll want to backup regardless.

pro: if you want an extra measure of security, some of the partitions can be mounted read only.

anti: a fair amount of trouble to set up, and setting immutable is easier and probably just as effective.

pro: it's traditional and how it sets up by default.

pro: if you put the partitions on separate physical disks, you can get some performance benefit

anti: if you're setting up a multidisk system you might as well go RAID and get it over with.

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pro: if one partition gets hosed, at least the other partitions will still work

anti: if your filesystem gets hosed often enough to worry about beyond keeping backups, you're doing something wrong.

anti: it's aggravating when one partition fills up even though you have loads of space in another one.

so it's kind of a wash.

— Patrick