i-MSCP Requirements

General

- 1 GHz or faster 32 bits (x86) or 64 bits (x64) processor (recommended)
- 1 Gio memory (minimum) - For heavily loaded servers or high flow is recommended at least 16 Gio

- 2 Gio of available hard disk space for i-MSCP and managed services, excluding user data

- Internet access (100 Mbits/s recommended)
- A file system that supports extended attributes such as ext2, ext3, ext4 or reiserfs*.

* In case of reiserfs, you must ensure that your file system is mounted with the **attrs** option. See Using reiserfs file system with i-MSCP for more information.

Distribution

- Debian >= Wheezy (Base system with standard packages installed)
- Ubuntu >= Precise Pangolin (Base system with standard packages installed)

Software Version

- PHP >= 5.3.2
- Perl >= 5.14.2

Note for Proxmox/Docker/LXC users

If you want install i-MSCP inside a LXC container, the following conditions must be met:

1. You must have the CAP_MKNOD capability inside the container. Thus, you must ensure that `mknod` is not in the list of dropped capabilities (needed for pbuilder).
2. You must have the CAP_SYS_ADMIN capability inside the container (needed for mount(8)). Thus, you must ensure that `sys_admin` is not in the list of dropped capabilities.
3. You must allow the creation of devices inside the container by white-listing them (needed for pbuilder). Easy solution is to add `lxc.cgroup.devices.allow = a *:* rwm` in LXC container configuration file.
4. If you use `Apparmor`, you must allow bindmounts inside your container by modifying the default apparmor profile `/etc/apparmor.d/lxc/lxc-default` or by creating a specific apparmor profile for the container.

Note that all those operations must be done on the host, not in the container.

See also:

1. https://linuxcontainers.org/fr/lxc/manpages/man5/lxc.container.conf.5.html
2. https://help.ubuntu.com/lts/serverguide/lxc.html#lxc-apparmor

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