# EINFACHE TIPPS FÜR MEHR SICHERHEIT MIT SYSTEMD

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```
[Unit]
  Description=Privoxy Web Proxy
  After=network.target
5 [Service]
 Type=forking
7 PIDFile=/run/privoxy.pid
  ExecStart=/usr/bin/privoxy [...]
SuccessExitStatus=15
 ## Add Security-Options here! ##
11
  [Install]
13 WantedBy=multi-user.target
```

o /etc/systemd/system/\*

- o /etc/systemd/system/\*
- /run/systemd/system/\*

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- o /etc/systemd/system/\*
- /run/systemd/system/\*
- o /usr/lib/systemd/system/\*

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- /run/systemd/system/\*
- o /usr/lib/systemd/system/\*

#### Defaults:

/etc/systemd/system.conf

# Well Known

User=

Group=

SupplementaryGroups=

# FILEACCESS

ReadWriteDirectories=/var/cache

ReadOnlyDirectories=/

InaccesiblyDirectories=/etc

# FILEACCESS

ReadWriteDirectories=/var/cache

ReadOnlyDirectories=/

InaccesiblyDirectories=/etc

ProtectHome=yes

ProtectSystem=yes

# SPECIAL FILES

PrivateTmp=yes

PrivateDevices=yes

DeviceAllow=/dev/sda5 rw

# NETWORKACCESS

PrivateNetwork=yes

RestrictAddressFamilies=AF\_UNIX AF\_INET AF\_INET6

# JOINING NAMESPACES

JoinsNamespaceOf=

# Make mounts local

MountFlags=slave

# Chroot

RootDirectory=

# USEFULL LIMITS

LimitFSIZE=0

TaskMax=100

# INHIBIT JAILBREAKS

NoNewPrivileges=yes

#### RESTRICT RIGHTS

#### CapabilityBoundingSet=

- → man 7 capabilities
- http://rhelblog.redhat.com/2016/10/17/
  secure-your-containers-with-this-one-weird-trick/

#### AmbientCapabilities=

# FILTER SYSTEM CALLS

SystemCallArchitectures=x86 x86-64 / native

SystemCallFilter=

Oclock

@keyring

Oprivileged

- @cpu-emulation
- @module

@process

@debug

@mount

@raw-io

@io-event

@network-io

@ipc

- @obsolete
- eonsolete

# THANK YOU FOR YOUR ATTENTION