# CPS

## ARTICLE 1

If you just want to start your application, you could use [Forever](https://github.com/foreverjs/forever) or [PM2](http://pm2.keymetrics.io/) for running and auto-restarting on crash. **However, this is not a background task**.

For a background task that starts on server reboot, the post you linked is the right way to go. If it didn't work, maybe this article will help you. This is from official Express site: [*Process managers for Express apps*](https://expressjs.com/en/advanced/pm.html#systemd)

Basically, you create

[Unit]

Description="My Express App"

[Service]

ExecStart=/usr/bin/node server.js

WorkingDirectory=/project/absolute/path

Restart=always

RestartSec=10

StandardOutput=syslog

StandardError=syslog

SyslogIdentifier=MyApp

Environment=NODE\_ENV=production PORT=8080

[Install]

WantedBy=multi-user.target

Into a /etc/systemd/system/my-app.service file and then use [systemctl](https://en.wikipedia.org/wiki/Systemd#Core_components_and_libraries) to start it:

systemctl enable my-app.service

systemctl start my-app.service

Now this assumes your Linux distribution works with systemctl. If your Linux distribution works with upstart or something else, then you need to google up the instruction for that process manager.

## ARTICLE 2

If you just want to start your application, you could use [Forever](https://github.com/foreverjs/forever) or [PM2](http://pm2.keymetrics.io/) for running and auto-restarting on crash. **However, this is not a background task**.

For a background task that starts on server reboot, the post you linked is the right way to go. If it didn't work, maybe this article will help you. This is from official Express site: [*Process managers for Express apps*](https://expressjs.com/en/advanced/pm.html#systemd)

Basically, you create

[Unit]

Description="My Express App"

[Service]

ExecStart=/usr/bin/node server.js

WorkingDirectory=/project/absolute/path

Restart=always

RestartSec=10

StandardOutput=syslog

StandardError=syslog

SyslogIdentifier=MyApp

Environment=NODE\_ENV=production PORT=8080

[Install]

WantedBy=multi-user.target

Into a /etc/systemd/system/my-app.service file and then use [systemctl](https://en.wikipedia.org/wiki/Systemd#Core_components_and_libraries) to start it:

systemctl enable my-app.service

systemctl start my-app.service

Now this assumes your Linux distribution works with systemctl. If your Linux distribution works with upstart or something else, then you need to google up the instruction for that process manager.

**ARTICLE 3**

If you just want to start your application, you could use [Forever](https://github.com/foreverjs/forever) or [PM2](http://pm2.keymetrics.io/) for running and auto-restarting on crash. **However, this is not a background task**.

For a background task that starts on server reboot, the post you linked is the right way to go. If it didn't work, maybe this article will help you. This is from official Express site: [*Process managers for Express apps*](https://expressjs.com/en/advanced/pm.html#systemd)

Basically, you create

[Unit]

Description="My Express App"

[Service]

ExecStart=/usr/bin/node server.js

WorkingDirectory=/project/absolute/path

Restart=always

RestartSec=10

StandardOutput=syslog

StandardError=syslog

SyslogIdentifier=MyApp

Environment=NODE\_ENV=production PORT=8080

[Install]

WantedBy=multi-user.target

Into a /etc/systemd/system/my-app.service file and then use [systemctl](https://en.wikipedia.org/wiki/Systemd#Core_components_and_libraries) to start it:

systemctl enable my-app.service

systemctl start my-app.service

Now this assumes your Linux distribution works with systemctl. If your Linux distribution works with upstart or something else, then you need to google up the instruction for that process manager.

**ARTICLE 4**