# Prevent Raspi dropping WiFi

My Pi became randomly inaccessible over WiFi.

 In /var/log/syslog I found:

{TIMESTAMP} raspberrypi dhcpcd[{PID}]: wlan0: carrier lost

It turned out the problem was that the Pi WiFi controller has power_save on by default.

Command to read the current power saving mode (Stretch):

    sudo iw wlan0 get power_save

Command to power_save off

    sudo iw wlan0 set power_save off

To make this permanent add the following line to /etc/rc.local:

/sbin/iw dev wlan0 set power_save off

sudo chmod -v +x /etc/rc.local

sudo systemctl enable rc-local.service