Intel Raid Web Console 3 / LSI Storage Authority Software on Ubuntu / Debian

Intel calls their rebranded LSI Storage Authority Software simply Raid Web Console 3, as if it was a newer version of the previous Raid Web Console 2, aka LSI MegaRAID Storage Manger MSM, but as a matter of fact it is so much more. Finally the Raid **WEB** console is web based, Web Console 2 was a pretty ugly java gui.

Unfortunately though, they still only support SLES and RHEL and certainly not Ubuntu or Debian, so here is how you can install the Raid Web Consoel 3 or LSI Storage Authority Software on an Ubuntu (16.04 at the time of this writing) machine:

Install Intel Raid Web Console 3 in Ubuntu

1. Download Raid Web Console 3 from http://downloadcenter.intel.com, search for “Raid Web Console 3” and download the latest version
2. unzip on your ubuntu machine
3. cd to the extracted directory
4. run whatever commands you see here as root, or add sudo if you really like typing :)
5.
```
apt install alien
alien --scripts *.rpm
dpkg -i *.deb
mkdir -p /usr/local/var
ln -s /var/log /usr/local/var/log
sed -e 's/#!\/bin\/sh/#!\/bin\/bash/' RunRPM.sh | sed -e
's/install_rpms$//' > RunDEB.sh
chmod 755 RunDEB.sh
echo "standalone" > /opt/lsi/LSIStorageAuthority/installtype
./RunDEB.sh
```
6. accept default ports
7. surf to http://yourserver:2463

optionally, to secure your server from external access to the raid web console:

```
sed -i 's/        listen       \([0-9]\+\) default_server;/        listen
127.0.0.1:\1 default_server;/'
/opt/lsi/LSIStorageAuthority/server/conf/nginx.conf
```

1. take some other measures to lmimit access to port 9000 which seems to be some kind of backend which is listening on 0.0.0.0:9000, for example block access via iptables:

```
iptables -A INPUT -p tcp ! -s 127.0.0.1 --dport 9000 -j DROP
iptables -A INPUT -p tcp ! -s 127.0.0.1 --dport 427 -j DROP
apt-get install iptables-persistent
```

```
netfilter-persistent save
netfilter-persistent reload
```

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