NEMS – Nagios for your Pi

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NEMS or Nagios Enterprise Monitoring Server developed by Robbie Ferguson is a modernized version of NagiosPi.

> NEMS is a modern pre-configured, customized and ready-to-deploy Nagios Core image designed to run on the Raspberry Pi 3 micro computer. At its core it is a lightweight Debian Stretch deployment optimized for performance, reliability and ease of use.

I had used FAN (Fully Automated Nagios) for my home instance until development stopped around 2013, NagiosPi was a good alternative, and I liked the idea of Nagios living on a Pi rather as another vm on a server, seemed counter intuitive to have it live on virtual host, and a pi allows for an inexpensive platform to have a stand alone service.

NEMS is built for RPI3 and requires as such. The beauty of NEMs (as with FAN or NagiosPi) its all rebuilt, download the .img, flash it to a Micro SD and you're off.

NEMS bundles a lot of great features that use the Nagos Core, and it can be a simple box preforming check_pings or it can be as robust as nagios NRPE can get- that's up to you.

Within an hourI had it up and running preforming basic checks on my home environment and at no more than $65 USD for *all*the parts (pi, case, powersupply, Micro SD). Its an easy and robust solution. I recommend checking out baldnerd.com/nems/ as there is an excellent write-up and a direct download to the image.

If you have a small environment or home infrastructure I highly recommend NEMS (Nagios Enterprise Monitoring Server) by Robbie Ferguson.