

IBM/Red Hat Leftovers

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[Why upstream Ansible stopped shipping rpms](#) [2]

The upstream Ansible Project used to ship rpms and tarballs on their server, releases.ansible.com. For Ansible-2.10+, they've (I'm part of the project although not the originator of this decision) decided not to ship rpms anymore and to push people to use pypi.python.org as the official source of the tarballs. This came up in a recent thread on twitter with a question of whether this meant that Ansible was forgetting who it was meant to serve (sysadmins) as sysadmins want to get their software in their platforms? native packaging format rather than the language packaging format.

[...]

Getting back to the fear that removing rpms from releases.ansible.com was an indication that ansible is forgetting that it is a tool for sysadmins and needs to be shipped in ways that sysadmins will find palatable?. I don't think that the removal of rpms and tarballs is an indication as the above rationale seems like it will make things better for sysadmins in the end. However, ansible-2.10 is a big realignment of how ansible is developed and shipped and I think those changes are going to have costs for sysadmins [2]_, [3]_. nirik (Kevin Fenzi, the Fedora/EPEL ansible package maintainer) and I have been talking on and off about how the Fedora/EPEL ansible rpm should be adapted to minimize those costs but it is a large change and changes are often both hard in the transition and, after the transition is over, may be better in many areas but worse in some others. Ideas about how we can smooth out the things that are worse while taking advantage of the things that are better is appreciated!

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[Join us at IBM Z Day 2020!](#) [3]

On September 15, we'll be hosting our second annual IBM Z Day, a free virtual event that will bring together mainframe experts from all over the world to share their stories. This year,

we're digging deep into the IBM Z organization to feature all of the latest breakthrough innovations.

This past year has been filled with exciting announcements in the realm of IBM Z and IBM LinuxONE ? starting with the launch of the IBM z15 and LinuxONE III in September 2019, and continuing with announcements around IBM Data Privacy Passports, IBM Secure Execution for Linux, Red Hat OpenShift for IBM Z and LinuxONE, Red Hat Ansible Certified Content for IBM Z, and more. In April, we put out a call for COBOL expertise, accelerating plans to release new COBOL training materials, discussion forums, and more in collaboration with the Open Mainframe Project. And just a couple of weeks ago, we announced the New to Z Community, where developers who are new to the mainframe can start building their careers.

Bringing all of these accomplishments together, IBM Z Day will shine a light on these topics and more, with keynotes from IBM's Ross Mauri, Willie Tejada, Marius Ciortea, and Meredith Stowell, along with John Mertic, Director of Program Management at the Linux Foundation.

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[Red Hat Has Been Working On "stald" As A Thread Stall Detector + Booster](#) [4]

Red Hat engineers in recent weeks began working on a new project called "starved" though recently renamed to "stald". The stald service is for serving as a Linux thread stall detector.

The stald daemon monitors Linux threads and detects when threads are stalled as a result of CPU starvation. The stalled thread is in turn boosted by stald by setting the SCHED_DEADLINE policy and then the original policy restored following the boost.

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[Madeline Peck: Onto Part Time at Red Hat](#) [5]

I hope everyone is having a great week. At the beginning of the summer, I thought today would be my last blog post since this is the end of the summer internship. What an experience! However of course, I'll still be here next week, just working way less a week haha.

On Thursday last week Mo asked me to help with the Fedora 33 wallpaper draft package that was supposed to go out on Friday or Monday at the latest.

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[Custom Grafana dashboards for Red Hat OpenShift Container Platform 4](#) [6]

OpenShift administrators often face the same challenges as other system administrators: "I need a tool that will monitor the health of my system." Yet, traditional monitoring tools often

fall short in their visibility of an OpenShift cluster. Thus, a typical OpenShift monitoring stack includes Prometheus for monitoring both systems and services, and Grafana for analyzing and visualizing metrics.

Administrators are often looking to write custom queries and create custom dashboards in Grafana. However, Grafana instances provided with the monitoring stack (and its dashboards) are read-only. To solve this problem, we can use the community-powered Grafana operator provided by OperatorHub.

- [Can You Run Linux on a Power Server? \[7\]](#)

- [IBM's Possible Designs For Power10 Systems \[8\]](#)

In the past two weeks, we have been telling you about the future Power10 processor that will eventually be able to support the IBM i platform as well as AIX, Big Blue's flavor of Unix, and Linux, the open source operating system that is commercially exemplified by IBM's Red Hat Enterprise Linux distribution. The leap in performance with Power10 is akin to those we saw between the generations spanning from Power6 through Power9.

This week, we want to contemplate the systems that will be using the Power10 chip and how they will be similar to and different from past and current Power Systems machines. Then we are going to take deeper dive into performance, clustering systems through their memories rather than their I/O ? perhaps the most exciting new thing in the Power architecture ? and then also do a side foray into machine learning inference performance, which is going to be important for future commercial application workloads.

[Red Hat](#)

Source URL: <http://www.tuxmachines.org/node/141581>

Links:

- [1] <http://www.tuxmachines.org/taxonomy/term/142>
- [2] <https://anonbadger.wordpress.com/2020/08/25/why-upstream-ansible-stopped-shipping-rpms/>
- [3] <https://developer.ibm.com/blogs/join-us-at-ibm-z-day-2020/>
- [4] https://www.phoronix.com/scan.php?page=news_item&px=Red-Hat-stalld
- [5] <https://www.madelinepeck.com/blog/2020/8/20/zdxrmbkzfo06w2vg3ygc6fui3x0431>
- [6] <https://www.redhat.com/en/blog/custom-grafana-dashboards-red-hat-openshift-container-platform-4>
- [7] <https://www.techdigest.tv/2020/08/can-you-run-linux-on-a-power-server.html>
- [8] <https://www.itjungle.com/2020/08/31/ibms-possible-designs-for-power10-systems/>