Red Hat, Inc., the world's leading provider of open source solutions, today announced Red Hat Enterprise Linux 8.3, the latest version of the world's leading enterprise Linux platform. Generally available in the coming weeks, Red Hat Enterprise Linux 8.3 fuses the stability required by IT operations teams with cloud-native innovation, providing a more stable platform for next-generation enterprise applications. Already an established backbone for mission-critical computing, the latest enhancements to the platform bring new performance profiles and automation, reinforced security capabilities and updated container tools.

What began for almost all of us as a month-long work from home event looks like it will last a year or longer. When we return to the office, it will be a completely different experience, with most employees working staggered schedules, teams divided into groups and ever more reliance on technology to keep employees and customers connected and engaged.

In recent weeks we have seen announcements from major technology companies, financial firms and others that support the forever-changed nature of the way we work. Understanding that, it's time to start talking about the next steps we need to take to ensure that our IT infrastructure and tools can continue to support the remote workers, while providing state-of-the-art, timely customer service.

The U.S. Department of Defense, prior to COVID probably one of the agencies in all of government most reluctant to support a remote workforce, has been without question one of the leaders in adapting to our "new normal." DOD, through the adoption of work from home tools and improvements to its overall IT infrastructure, has moved nearly one million
employees from a traditional office environment to a work-from-home posture. Despite its quick success, DOD is also a perfect example of the work that remains.

- **Show us your gear: Greg Gorman and an IoT command center for work and play? IBM Developer** [4]

  I admit it?I'm a total nerd when it comes to gadgets and toys, it's pretty obvious looking at my desk! A quick scan of my network shows 39 devices on SmartThings, 92 that Alexa knows about (along with four Echos of various types) and 66 devices on my wi-fi and ethernet network! While some are work-related, many others are more about learning to hack on IoT devices as a side-hobby.

  [...]  

  I set up a Raspberry Pi 3B+ to run it, and then I have a central hub that collects as much of the data as I can get my hands on.

- **The IBM Kubernetes Certification Process? IBM Developer** [5]

  Inside IBM, a large number of containerized software products are released every day. They are built with different personas, Kubernetes and Red Hat OpenShift cluster requirements, and install technologies. These products need to be consistent and feel like they all came from the same company, but an industry standard for the design of production-grade, Kubernetes software does not exist. By creating the IBM Kubernetes Certification process, my team helps developers drive consistency, security, reliability, and good design across IBM products.

  If you develop containerized software, you likely relate to the importance of certification. All containerized software should complete a similar certification process since it gives a stamp of production grade readiness and security to customers.

- **Innovation with an open modular platform begins with automation** [6]

  Financial services institutions, by necessity, are embracing digital transformation and technology solutions to work more efficiently to maintain regulatory compliance, reduce risk, increase productivity, and exceed customer expectations. As part of the never-ending quest to participate in the development of industry-leading solutions, Red Hat has led the way in the demonstration of new forward-looking solutions, especially in this sector.

- **Open Liberty 20.0.0.11 brings Kerberos authentication and Thanos support in Grafana dashboards - Red Hat Developer** [7]
This article is a quick look at two exciting updates in the new Open Liberty 20.0.0.11 release. First, you can now use the Kerberos authentication protocol to secure Java Database Connectivity (JDBC) data sources. I’ll introduce the new kerberos configuration element in Open Liberty’s server.xml and show you how to use the Kerberos protocol to secure a data source.

We’ve also updated Open Liberty’s Grafana dashboard, which you can now use to visualize MicroProfile Metrics data from Thanos data sources. This new functionality benefits developers working in Kubernetes environments such as Red Hat OpenShift, where it is possible to use Thanos to query and store metrics data from multiple clusters. Keep reading to learn more about both of these updates in Open Liberty 20.0.0.11.


This is a short reminder that Red Hat Enterprise Linux (RHEL) version 6 will enter 'Extended Lifetime Support' in about 30 days from when I am writing this. Extended Lifetime Support (ELS) is a specific contract with Red Hat for them to cover certain security fixes for some extended time to allow sites some time for last minute transitions.

RHEL-6 was released in November of 2010, and was the first RHEL I got to work with/on after I returned to Red Hat in 2009. The release has seen 10 minor releases (1 less than RHEL-5), and has been in 'extended' mode since the last 6.10 release in June 2018.

[...]

Primarily, if you are going to be affected by the end of EL-6 services, you either need to get an ELS contract, move to another OS, or move to self-support. In order to self-support, you will need to mirror the source code from your distribution provider and learn the basics of RPM building. If you are on CentOS and find your servers not able to do yum installs anymore.. you will need to mirror the EL-6 from the CentOS vault somewhere locally and use that as your new 'mirror'. Depending on time and energy, I will try to outline some of these steps in future blog posts.

Red Hat

Source URL: http://www.tuxmachines.org/node/143830

Links: