

Server: Mirantis, Containers, GraalVM and Pensando

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[Mirantis Partners With OpenStack Foundation to Support Upgraded COA Exam](#) [2]

With the OpenStack market forecasted to grow to \$7.7 billion by 2022 according to 451 research, the demand for Certified OpenStack Administrators is clearly strong and set to continue growing for many years to come, said Mark Collier, COO of the OpenStack Foundation. We are excited to collaborate with Mirantis, who has stepped up to provide the resources needed to manage the COA, including the administration of the vendor-neutral OpenStack certification exam.



[How to use containers with an eye on security](#) [3]

Containers are all the rage. With good reason. With containers, your company's apps and service deployments become considerably more agile, more reliable, and even more secure. This is true for software development companies (who develop apps and services for other businesses), as well as companies looking to roll out web-based and mobile applications with an unheard of speed and reliability.

But with any new technology, comes hurdles. One of the biggest hurdles for any business is security. Data breaches have become rampant and it's on the shoulders of every company to do everything in their power to make sure they are rolling out technology that is as secure as possible. This idea should certainly be applied to containers.

But what can you do to use containers security? Fortunately, there are a few steps that you can take from the very beginning.



[GraalVM: Clearing up confusion around the term and why Twitter uses it in production](#) [4]

What does the ?umbrella term? GraalVM stand for? We interviewed Chris Thalinger (Twitter) at JAX London 2019. Hear what he has to say about the meaning of Graal and how it can benefit Twitter as well as the environment.

- [Pensando Systems Exits Stealth Mode With Plans To Take On Amazon AWS](#)^[5]

While normally we don't cover hardware start-ups on Phoronix, Pensando Systems has just exited stealth and given their focus will be heavily involved with Linux and in fact already have their first kernel driver mainlined.

After announcing a \$145 million (USD) Series-C round, Pensando Systems exited "stealth" and revealed the first details of what they are trying to achieve with this company led by many ex-Cisco staff.

[...]

Pensando has been on our radar since as I wrote about last month when they were just a stealth networking startup they already upstreamed their first Linux kernel driver. In the Linux 5.4 kernel is a Pensando "Ionic" driver for a family of network adapters. In this week's press release, Pensando didn't specifically call out Ionic but presumably is the backbone to their hardware. Now that they are beginning to talk about their ambitions, hopefully we see more Linux kernel patches from them soon.

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