

A periodic newsletter with links to blogs and industry news for subscribers to the Architecting IT blog.

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All Hail Kubernetes!

addition to Swarm, which already comes with the Docker platform. ([link](#))

It seems that for container orchestration, Kubernetes is finally being crowned king. That doesn't mean other solutions aren't available, but all of the major platforms and cloud providers now offer Kubernetes support of some sort. Microsoft recently rebranded their container service with Kubernetes as the focus, for example. ([link](#)).

Increased support for a single orchestration tool is without a doubt a "good thing", but there is a potential down side. At one point in the past, Linux was a single platform that developed into many distributions. Unix was too, although that diverged a long time in the past and became many commercial distributions.

The same scenario could be said of OpenStack and in the storage world, Ceph. Both SUSE and Red Hat have implementations of Ceph (and there are more). Do these platforms all work the same way? Are definitions, interfaces and APIs consistent enough to build cloud-spanning environments?

The Architect's View

Getting back to Kubernetes for a moment, if we're moving to a multi-cloud world, then consistent implementation of orchestration platforms will be essential. However it's in the nature of vendors strategies to be different, unless they're forced to be the same. For cloud storage (for example), S3 has become the defacto standard. However there's no chance Microsoft will support S3 for BLOB storage, so we now have convertors and connectors to translate the APIs.

Let's hope the same thing doesn't happen to Kubernetes and that we don't end up with a fracturing of the standards and multiple implementations. A little bit of consistency would be good for once.

What do you think?

Chris Evans

blog. We've started a weekly "roundup" newsletter, issued on a Friday. Also, you can now get notified with each blog that is posted. The monthly newsletter now just has a summary of posts for the month, with a list of Storage Unpacked podcasts.

You are in charge of what content you want to see. If you want to opt out of any of the regular emails we send, simply edit your preferences using the link at the bottom of any email. Alternatively you can do that now from here:

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New Architecting IT Blog Posts...

- [Storage Field Day 14 Preview: EMC](#) (30 October 2017)
- [Building Private Cloud Storage - HCI or Dedicated Array?](#) (26 October 2017)
- [Object Storage Essential Capabilities #2 - Data Protection](#) (24 October 2017)
- [Windows Server, Release Cycles and HCI](#) (23 October 2017)
- [What Happened to Storage Spaces Direct?](#) (19 October 2017)
- [Block is Not the Solution for Persistent Container Storage](#) (18 October 2017)
- [Fixing the Problem of I/O With Parallel Computing - DataCore MaxParallel](#) (11 October 2017)
- [Can Violin Systems Successfully Rise from the Ashes of Violin Memory?](#) (16 October 2017)
- [That 100TB Drive is Closer Than You Think](#) (12 October 2017)
- [It's Time for Hard Drives to Join Tape in the Archive Tier](#) (9 October 2017)
- [Azure Enterprise NFS by NetApp - Initial Thoughts](#) (4 October 2017)
- [Scale Computing Debuts HC3 in Google Cloud Platform](#) (2 October 2017)

New Storage Unpacked Podcasts...

- [Garbage Collection #006 - LTO-8 and the Future of Tape](#) (27 October 2017)
- [Private Cloud Storage and The Tintri Platform with Kieran Harty](#) (20 October 2017)
- [Soundbytes #012: The Resurrection of Violin Systems with CEO Ebrahim Abbasi](#) (13 October 2017)
- [Cloud File Storage - A Conversation with Andy Hardy from Nasuni](#) (8 October 2017)

We're interested in your feedback! Is there anything you would like to see covered in these newsletters or on the blog? Do you have an opinion on any of the content? Just hit reply to this email or continue the conversation online: [@architectingit](#) on Twitter, or via [LinkedIn](#).



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