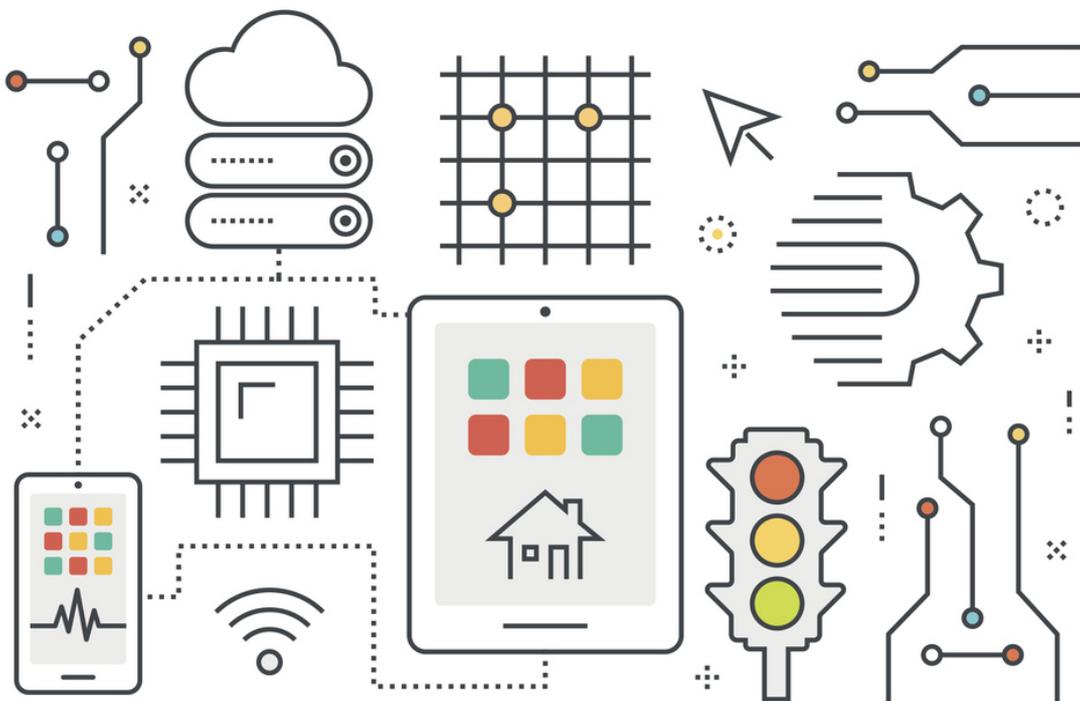


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How Real is IoT?

As we were recording this week's Storage Unpacked podcast, you'll hear me ask questions about IoT and how real the technology is. Whether we call it Edge Computing or IoT, there's a big assumption that processing has to be geographically distributed because the latencies involved in getting data into core data centres will eliminate any potential benefits. While I agree with this, I do wonder if Edge/IoT will be as big as we think.

Complexity

Why could IoT fail? In a word, complexity. Today, many IT organisations struggle with the basics of even keeping things running in their own data centre. Exploiting public cloud brings its own challenges. So, spending time distributing code to many devices will introduce even more headaches. Just

imagine the overhead of managing security, code releases and synchronisation of thousands of devices.

Polly

Having said that, there are many use cases emerging. Public cloud offers the ability to do centralised processing of data that could be from the Edge. As an example, new blog entries on Architecting IT are now "Polly" enabled. That is, are available as spoken MP3 downloads.

The process is pretty clever. A Wordpress plugin creates an MP3 when new blog posts are published. These can be stored in S3 and distributed with CloudFront.

This example, although simple, demonstrates the ability to use public cloud for batch processing, even if the main source of the application sits on-premises. So, voice-enabling the blog, good idea or not?

What do you think?

Chris Evans

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- [Rubrik Acquires Datas IO - Backup Wars Looming?](#) (7 February 2018)

- [Backblaze HDD Statistics for 2017](#) (9 February 2018)

New Storage Unpacked Podcasts...

- [#37 - State of the Storage Union with Chris Mellor](#) (9 February 2018)

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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