



Byte-Sized

Cloud design principles and architectural
recommendations

TeamRGE

*Sneak peak story
behind the scenes*

Christiaan Brinkhoff



Initiators

Initiators



Cloud Architect and Tech Evangelist
Microsoft



@Brinkhoff_C



Sr. Business Consultant & Technologist
Salamon



@BasvanKaam



Byte-Sized

Cloud design principles & architectural recommendations Bas & Christiaan



Byte-Sized

Cloud design principles & architectural recommendations Bas & Christiaan



Byte-Sized

Cloud design principles & architectural recommendations Bas & Christiaan



Byte-Sized

Cloud design principles & architectural recommendations Bas & Christiaan



Byte-Sized

Cloud design principles and architectural recommendations Bas & Christiaan



Byte-Sized

Cloud design principles and architectural recommendations Bas and Christiaan



Byte-Sized

Cloud design principles and architectural recommendations Bas and Christiaan

Byte-Sized

Cloud design principles and architectural recommendations Bas and Christiaan

Byte - Sized

Christiaan Brinkhoff and Bas van Kaam





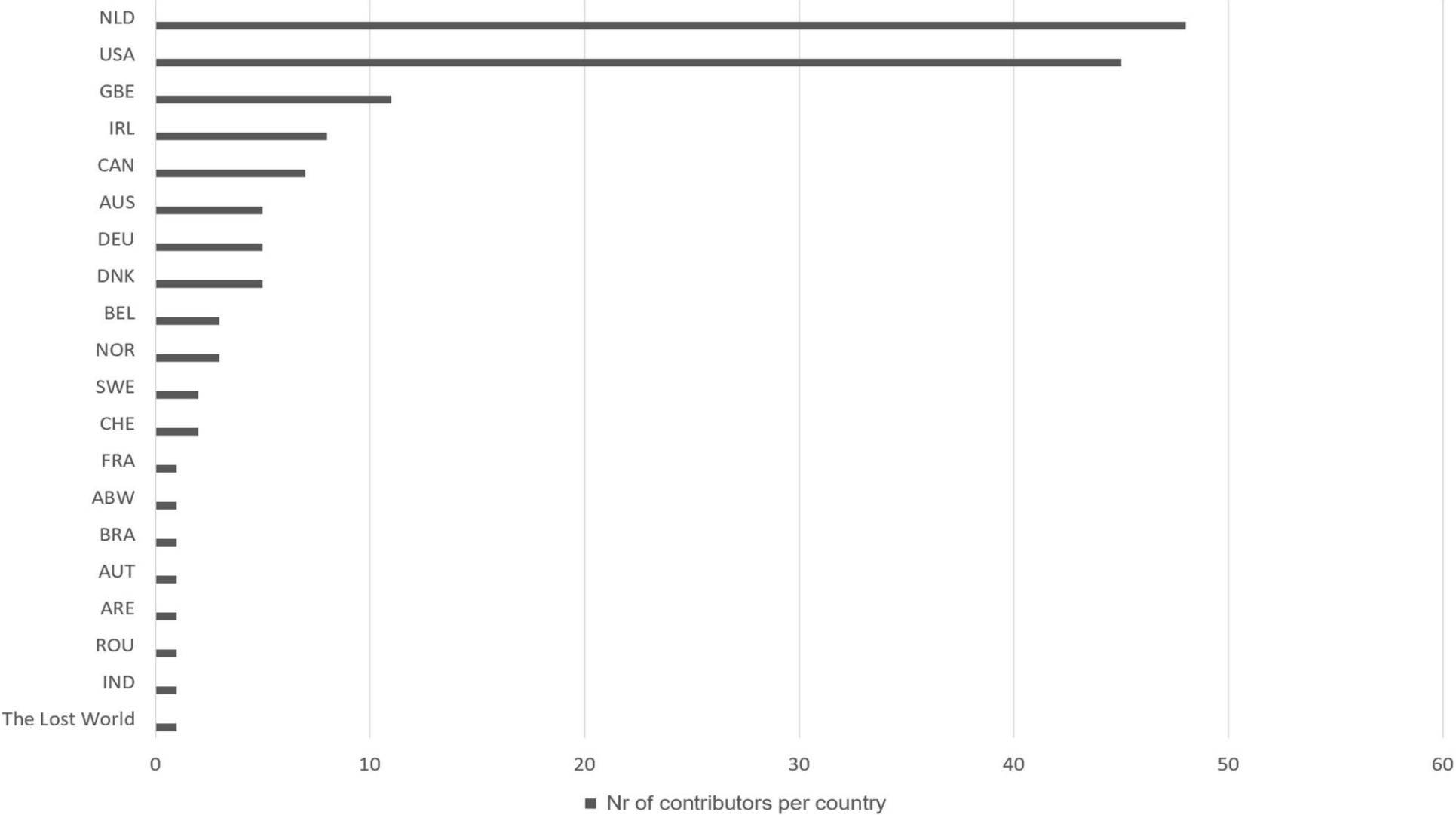
Why this book?

140+

337 pages



Contributors World-Wide





THANK YOU



| | | | |
|----------------------|---------------------|----------------------|----------------------|
| Adam Osborne | DJ Eshelman | Kanwal Khipple | Rory Monaghan |
| Aaron Parker | Edwin Houben | Kees Baggerman | Ruben Spruijt |
| Adam Yarborough | Eltjo van Gulik | Kevin Howell | Rutger de Boer |
| Adin Ermie | Eric Kuiper | Kevin Goodman | Ryan Ververs-Bijkerk |
| Adnan Hendricks | Eric van Klaveren | Kristin Griffin | Saadallah Chebaro |
| Alexander Tate | Frank Recker | Larry Ellison | Saar Gillai |
| Andrei Vlad | Gabe Knuth | Leee Jeffries | Sacha Thomet |
| Anonymous | George Kuruvilla | Maarten Caus | Samuel Legrand |
| Anton van Pelt | George Spiers | Marc Andreessen | Sander Bruijs |
| Arman Shara | Greg Shields | Marcel Kornegoor | Sander Noordijk |
| Bart Jacobs | Gustaf Westerlund | Marcel Meurer | Sarah Lean |
| Bas Stapelbroek | Hans Kraaijeveld | Marcin Policht | Scott Manchester |
| Bas van Kaam | Hans Last | Marius Sandbu | Scott McNealy |
| Benjamin Crill | Harry Bos | Mark Plettenberg | Scott Osborne |
| Benny Tritsch | Henry TD Walden | Martijn Verheij | Shane O'Neill |
| Bill Gates | Henry Heres | Martin Therkelsen | Shawn Bass |
| Bill Sempf | Igor van der Burgh | Martin Zugec | Simon Binder |
| Bob Molenaar | Ivan de Mes | Matthijs vd Berg | Socrates |
| Bram Wolfs | Jack Lee | Michel Roth | Stefan Georgiev |
| Brian Madden | Jack Madden | Michelle Gilbert | Steve Buchanan |
| Brian Timp | James Kindon | Mike Nelson | Steve Elgan |
| Carl Stalhood | James Ma | Mitch Meade | Steve Greenberg |
| Chaitanya | James O'Regan | Ned Bellavance | Steve Jobs |
| Chris Hoff | James Rankin | Neil McLoughlin | Steve Noel |
| Chris Howard | Jamil Talib | Nick Casagrande | Thomas Poppelgaard |
| Chris Marks | Jan Bakker | Nick Visser | Tobias Kreidl |
| Chris Twiest | Jan de Vries | Niels Kok | Tom Gamull |
| Christiaan Brinkhoff | Jan Hendrik Meier | Patrick Coble | Tom Siebel |
| Cláudio Rodrigues | Jason Samuel | Patrick van den Born | Ton de Vreede |
| Danny van Dam | Jasper Kraak | Rachel Berry | Trentent Tye |
| Daryl Plummer | Jeff Pitsch | Rasmus Raun-Nielsen | Trond E. Haavarstein |
| Dave Brett | Jim Moyle | René Bigler | Ufuk Koçak |
| David Wilkinson | Jo Harder | Robin Hobo | William Arthur Ward |
| Dennis Smith | Johan v. Amersfoort | Rody Kossen | Wouter Kursten |
| Dennis Span | John Doe | Ronnie Hamilton | Yoda |

Adam Osborne
Aaron Parker
Adam Yarborough
Adin Ermie
Adnan Hendricks
Alexander Tate
Andrei Vlad
Anonymous
Anton van Pelt
Arman Shara
Bart Jacobs
Bas Stapelbroek
Bas van Kaam
Benjamin Crill
Benny Tritsch

Bill Gates
Bill Sempf
Bob Molenaar
Bram Wolfs
Brian Madden
Brian Timp
Carl Stalhood
Chaitanya
Chris Hoff
Chris Howard
Chris Marks
Chris Twiest
Christiaan Brinkhoff
Cláudio Rodriguez
Danny van Dam
Daryl Plummer
Dave Brett
David Wilkinson
Dennis Smith
Dennis Span

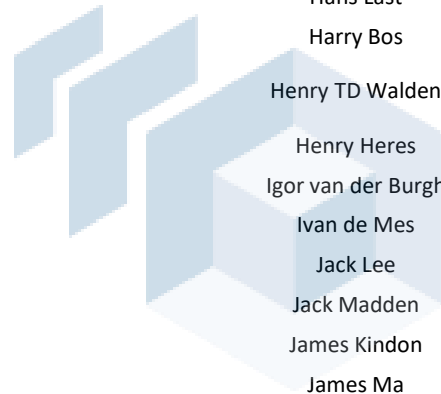
DJ Eshelman
Edwin Houben
Eltjo van Gulik
Eric Kuiper
Eric van Klaveren
Frank Recker
Gabe Knuth
George Kuruvilla
George Spiers
Greg Shields
Gustaf Westerlund
Hans Kraaijeveld
Hans Last
Harry Bos
Henry TD Walden
Henry Heres
Igor van der Burgh
Ivan de Mes
Jack Lee
Jack Madden
James Kindon
James Ma
James O'Regan
James Rankin
Jamil Talib
Jan Bakker
Jan de Vries
Jan Hendrik Meier
Jason Samuel
Jasper Kraak
Jeff Pitsch
Jim Moyle
Jo Harder
Johan v. Amersfoort
John Doe

Kanwal Khipple
Kees Baggerman
Kevin Howell
Kevin Goodman
Kristin Griffin
Larry Ellison
Lee Jeffries
Maarten Caus
Marc Andreessen
Marcel Kornegoor
Marcel Meurer
Marcin Policht
Marius Sandbu
Mark Plettenberg

Martijn Verheij
Martin Therkelsen
Martin Zugec
Matthijs vd Berg
Michel Roth
Michelle Gilbert
Mike Nelson
Mitch Meade
Ned Bellavance
Neil McLoughlin
Nick Casagrande
Nick Visser
Niels Kok
Patrick Coble
Patrick van den Born
Rachel Berry
Rasmus Raun-Nielsen
René Bigler
Robin Hobo
Rody Kossen
Ronnie Hamilton

Rory Monaghan
Ruben Spruijt
Rutger de Boer
Ryan Ververs-Bijkerk
Saadallah Chebaro
Saar Gillai
Sacha Thomet
Samuel Legrand
Sander Bruijs
Sander Noordijk
Sarah Lean
Scott Manchester
Scott McNealy
Scott Osborne
Shane O'Neill

Shawn Bass
Simon Binder
Socrates
Stefan Georgiev
Steve Buchanan
Steve Elgan
Steve Greenberg
Steve Jobs
Steve Noel
Thomas Poppelgaard
Tobias Kreidl
Tom Gamull
Tom Siebel
Ton de Vreede
Trentent Tye
Trond E_ Haavarstein
Ufuk Koçak
William Arthur Ward
Wouter Kursten
Yoda



TeamRGE
Remoting Graphics Experts

We salute you



What to expect?

Table of Contents

| | |
|-------------------------------------|------------|
| Acknowledgements | 4 |
| Table of Contents | 5 |
| First things first | 6 |
| Foreword | 7 |
| One Laptop per Child – OLPC | 13 |
| Numbers and statistics | 15 |
| Hall of fame | 18 |
| Hall of shame | 19 |
| About us | 20 |
| General views & recommendations | 21 |
| Design principles | 101 |
| Hybrid and multi Cloud | 151 |
| Desktop as a Service & Office 365 | 162 |
| Security & Identity | 178 |
| Automation | 197 |
| Networking and protocols | 214 |
| Costs | 232 |
| HA, DR & Backup | 252 |
| Performance and baseline | 266 |
| Governance and SLA | 276 |
| Education | 284 |
| Miscellaneous | 293 |
| Survey results | 313 |
| Survey summary | 316 |
| The 'Others' | 327 |
| Appendices | 335 |
| Appendix A – Cloud “quotes” | 336 |
| Appendix B – All community websites | 349 |

Fun and learn!

Vacation material!

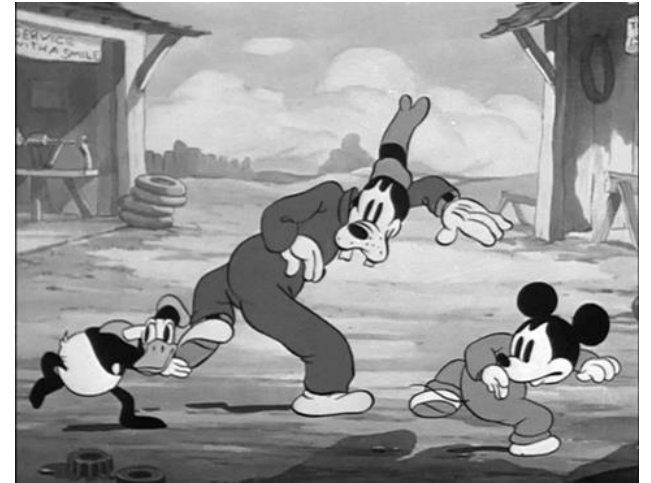
Byte-Sized

Cloud design principles and architectural
recommendations



Initiated by
Bas van Kaam and Christiaan Brinkhoff

Sneak Peak...



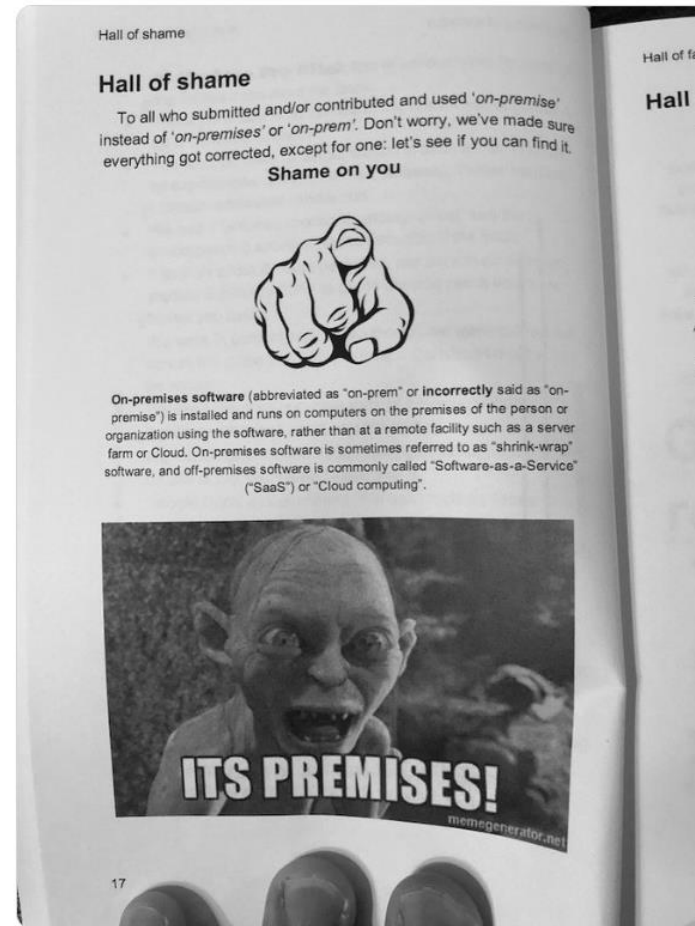


Brian Madden
@brianmadden



OMG OMG OMG @Brinkhoff_C and @BasvanKaam you are my two favorite humans! 🥰🥰🥰

Tweet vertalen



5:04 p.m. · 13 jun. 2019 · Twitter Web Client

18 Retweets 87 vind-ik-leuks



Submitted by:

Name: Brian Madden **Country:** US. **Job role:** EUC Office of the CTO

Company: VMware



www.bmad.com



@brianmadden

The Cloud is not cheaper. (And that's ok.)

Now that “the Cloud” has proven itself as a viable alternative for on-premises Windows desktop and app hosting, customers are excitedly talking about getting rid of their on-premises VDI and moving it to the Cloud.

“But when you actually look at the cost per hour, per desktop, and then multiply that by all the hours you need those desktops to run, the Cloud can get really expensive!” – Brian Madden

That's because the value of the Cloud is not realized in a “1-for-1” swap with on-premises infrastructure. Rather, the real value of the Cloud is that is that you only pay for the resources you use, while you're using them. The Cloud is great for scaling up (or “bursting”) as needed.

It's great for slight growth that doesn't justify all new architecture on-prem, or for specialized workloads (maybe a few users who need GPUs that aren't worth buying a whole Tesla rig for on-prem).

But generally speaking, the value of the Cloud isn't that it's “cheaper”. Once you have that mindset, making the decision of what to put in the Cloud, vs. what to keep on prem, is much easier.

Some quotes...

“If you suck now, you’ll be pleasantly surprised by the lack of change when you move to the Cloud.”

– Chris Hoff

***“Our job is to de-suckify shitty User Experience!
Managing expectations, use base-practices,
process and the right (new) tools!”***

– Benny & Kristin

“Doing off-premise is like shitting while away from home. Never feels as good as on premise.”

– Cláudio Rodriguez

“Some of the established vendors try to (duct tape) transform their ‘born in on-premises era’ product and deliver this as a service in the public Cloud, while others design and build solutions with public Cloud services as the starting point.”

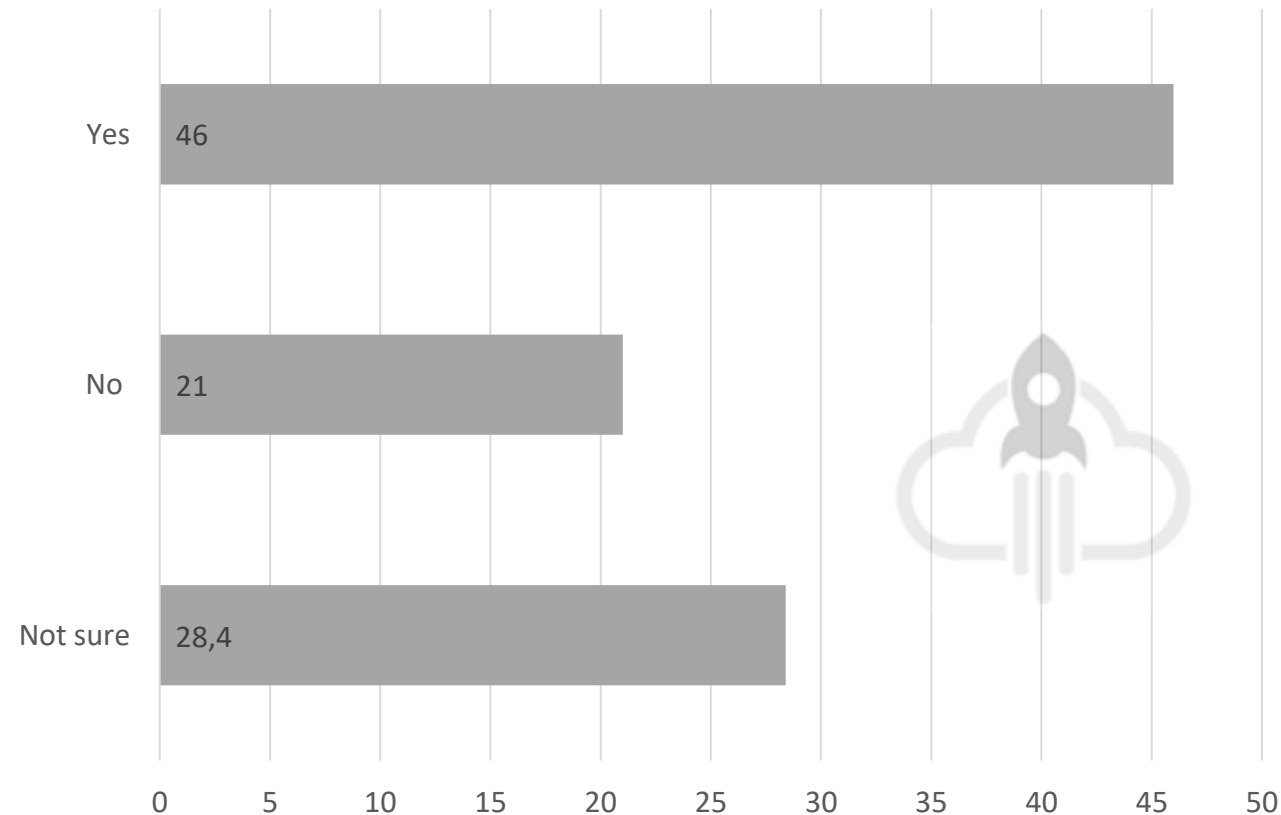
– Ruben Spruijt

Includes a (fun) survey

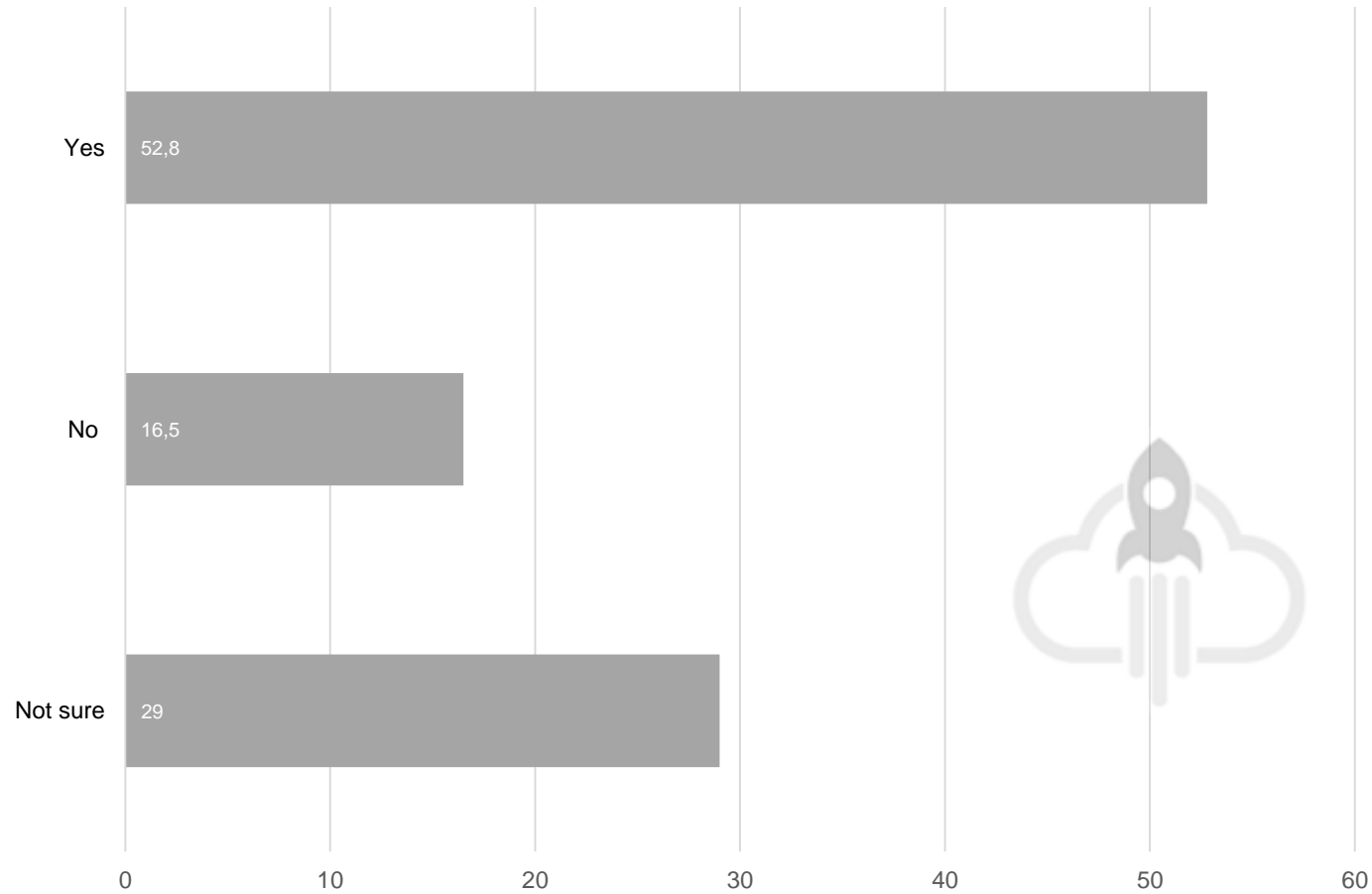
**YOU GET A QUESTIONNAIRE,
AND YOU, AND YOU**

EVERYONE GETS A QUESTIONNAIRE

Q: “There’s too much focus on Cloud- based workspaces and other EUC-related services. The true power (and future) of ‘the Cloud’ lies within other technologies and developments like BIG data, AI, VR and more.”



**Q: “Once released, the Microsoft Windows Virtual Desktop
#WVD will have a major impact on DaaS going forward.”**



Reviews so far...

Reviews from **Amazon.com**



*“This book is an amazing collection of expert tips and guidance from countless experts in the industry, highly recommended!” – **Steve Greenberg, President and Principal Architect, Thin Client Computing LLC***

Book Project Byte-Sized

@ProByteSized

Book Project Byte-Sized heeft geretweet

Carl Webster @CarlWebster · 19 jun.

Finally opened my package. Now to start reading. @ProByteSized

1 1 10

Book Project Byte-Sized heeft geretweet

Jeff Pitsch @JeffPitsch · 23 jun.

Received my copy while on vacation and finally getting a chance to read thru. Absolutely brilliant stuff in here. Awesome job pulling this together @Brinkhoff_C @BasvanKaam @ProByteSized can wait to see what comes next. ...

2 1 5

Book Project Byte-Sized heeft geretweet

Eric van Klaveren @EricvanKlaveren · 20 jun.

Yes, arrived today! Love this project, adore the community, passion for IT and glad I contributed! Thanks @BasvanKaam and @Brinkhoff_C for @ProByteSized, you did a awesome job bringing all this together in a paperback book! #Cloud #Community #EUC

2 1 4

Book Project Byte-Sized heeft geretweet

Sacha Thomet @sacha81 · 19 jun.

Finally I got mine @ProByteSized #unboxing

1 1 25

Book Project Byte-Sized heeft geretweet

Marcel Meurer (MVP) @MarcelMeurer · 21 jun.

Yeah. Today I received my copy of the community book @ProByteSized and I'm positively surprised about tagging my contribution about #IoT with this picture form "The Wolf of Wall Street"

Thanks to @Brinkhoff_C and @BasvanKaam for initiating this global community project!

2 1 4

Book Project Byte-Sized heeft geretweet

Thomas Poppelgaard @POPPELGAARD · 4 u

Just got my physical book @ProByteSized @amazon only took 2 weeks to get it delivered with @DeutschePostDHL from Germany to Denmark LOL... great thing I have been traveling and is now home to read it 🥰 It looks amazing @Brinkhoff_C and @BasvanKaam

2 1 7

Book Project Byte-Sized heeft geretweet

Michel Roth @michelroth · 23 jun.

Reading @ProByteSized feels like being at ten conferences at the same time, but without the hangover or the jetlag 🤔 😊 #neverstoplearning

1 1 12

Brian Madden @brianmadden

What to do on a rainy Thursday? I wonder if @Brinkhoff_C and @BasvanKaam have any @ProByteSized ideas? 🤔 📖 📱

5:00 p.m. · 13 jun. 2019 · Twitter Web Client

3 Retweets 31 vind-ik-leuks

Book Project Byte-Sized heeft geretweet

Rasmus Raun-Nielsen @RBRConecto · 21 jun.

Perfect timing for the weekend reading @ProByteSized - thanks @BasvanKaam and @Brinkhoff_C #CommunityPower

2 1 14

How much does it cost?

\$ 11,18

Includes charity support

One Laptop Per Child



Where to (fastest) order?

Byte-Sized Cloud design principles

https://www.amazon.com/Byte-Sized-design-principles-architectural-recommendations/dp/1797692100/ref=sr_1_1?__mk_de_DE=AMAZON&keywords=Byte-Sized+Cloud+design+principles+and+architect...

amazon

All Byte-Sized Cloud design principles and architectural recommendations: for the community, by the community

Why Shop with Amazon? Learn More

Deliver to Netherlands

Departments Today's Deals Your Amazon.com Gift Cards Help Registry Sell

EN Hello, Sign in Account & Lists Orders Cart

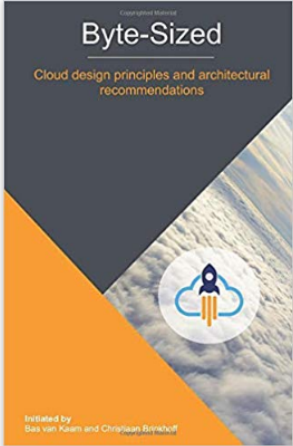
Books > New, Used & Rental Textbooks > Computer Science

Byte-Sized Cloud design principles and architectural recommendations: for the community, by the community

by Bas van Kaam (Author), Christiaan Brinkhoff (Author)

★★★★★ 2 customer reviews

Look inside



ISBN-13: 978-1797692104

ISBN-10: 1797692100

Why is ISBN important?

Have one to sell? Sell on Amazon

Add to List

Share

Paperback \$10.62

Other Sellers from \$10.62

Buy new \$10.62

In Stock

Ships from and sold by Amazon.com.

This item ships to Netherlands. Want it Tuesday, July 2? Order within 19 hrs 6 mins and choose AmazonGlobal Priority Shipping at checkout. Learn more

Deliver to Netherlands

Qty: 1

Add to Cart

Buy Now

More Buying Choices 1 New from \$10.62


See All Buying Options

prime student College student? Get FREE shipping and exclusive deals LEARN MORE

Why this book? Throughout the year we spend a great deal of time studying, testing, fixing (and breaking) stuff, helping customers, colleagues, attending conferences, webinars, and so on. It would be a waste to keep it all to ourselves, right? After a period of 3 months, we received a total number of 152 submissions from all over the globe (20 countries), which we think is truly awesome. All together 140 people contributed. Byte-Sized is our (small) way of giving back, in the form of Cloud related design principles, architectural recommendations, tips, tricks, best and/or

Read more

Customers who bought this item also bought



Yubico - YubiKey 5 NFC -



Amazon Germany



Amazon France



Amazon USA



United Kingdom



Spain

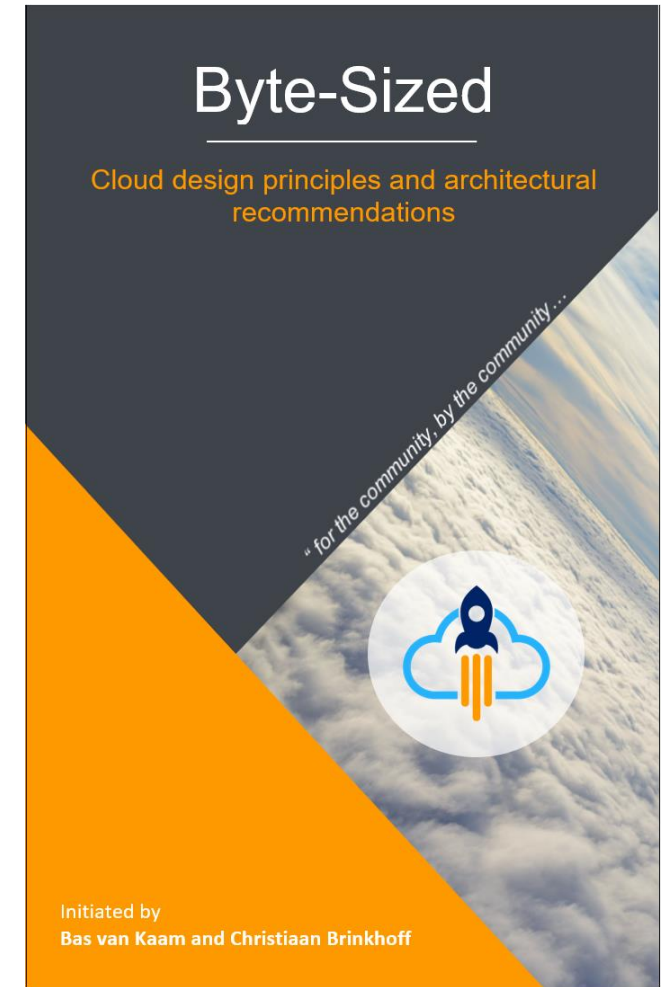
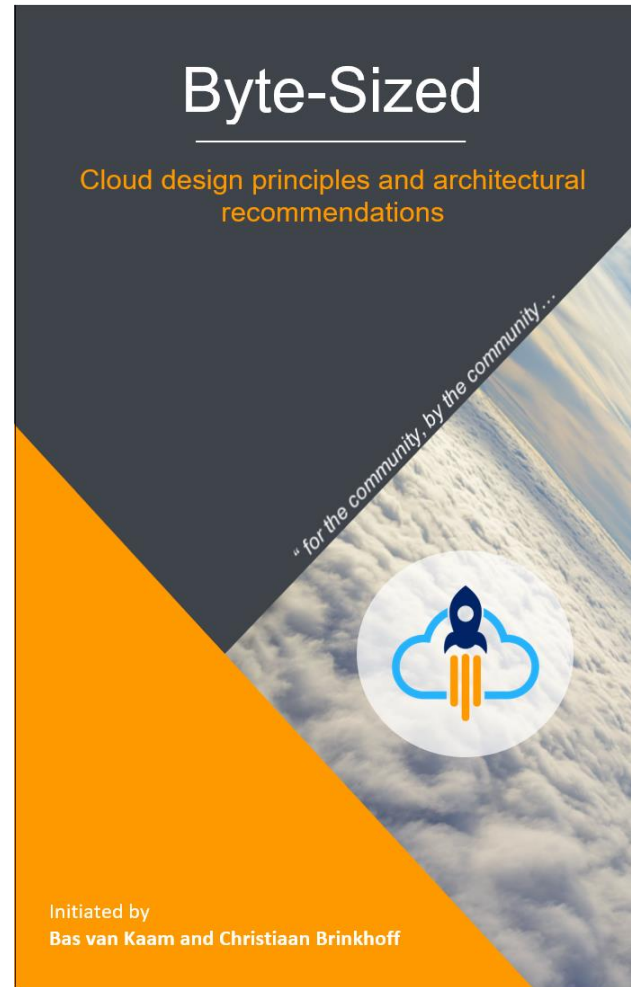
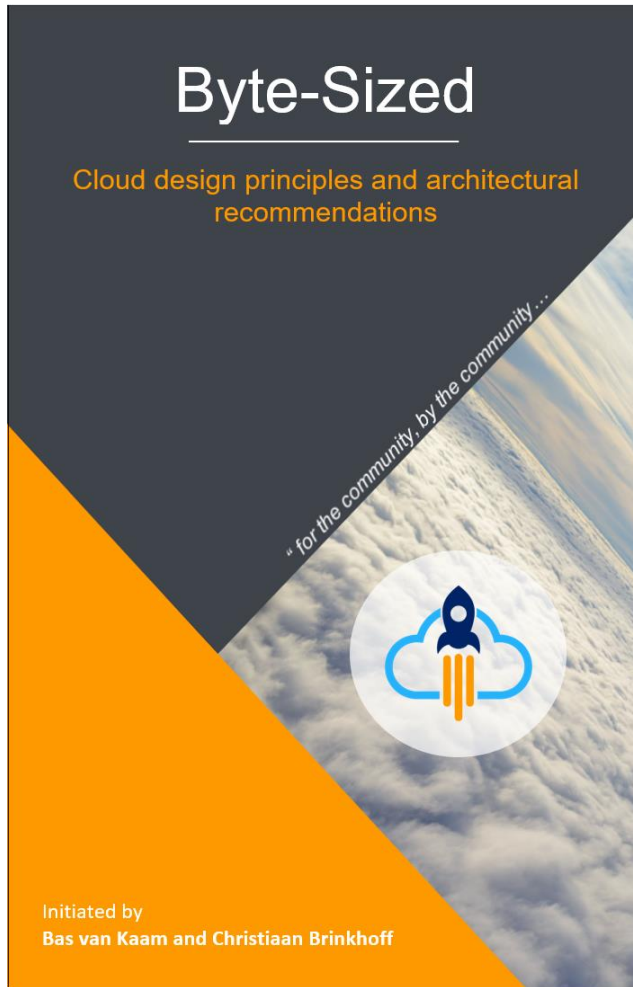


Italy



Japan

Byte-Sized Quiz..



3 books for the top 3 winners!

Quotes

Survey results



Or go directly to **Kahoot.it**

mail@christiaanbrinkhoff.com

What's next?

To be continued...

Linkedin:
projectbytesized

Twitter:
@ProByteSized

Website:
www.projectbytesized.com

THANK YOU