Tuesday, September 22, 12:30 p.m.-1:00 p.m.

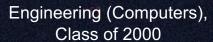
I spy with my little eye... 5 reasons why DevOps is a total failure!

Savinder Puri

DevOps Evangelist, Zensar Technologies, UK











Ambassador at DevOps Institute & CDF

Savinder Puri

DevOps Evangelist, Zensar Technologies, UK



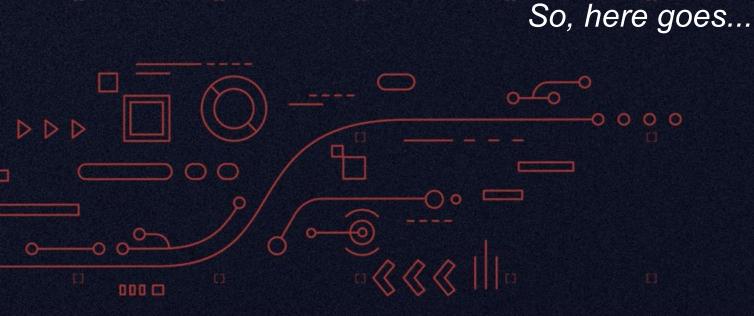
Macro photography enthusiast



Reiki Grandmaster & Angelic Healer

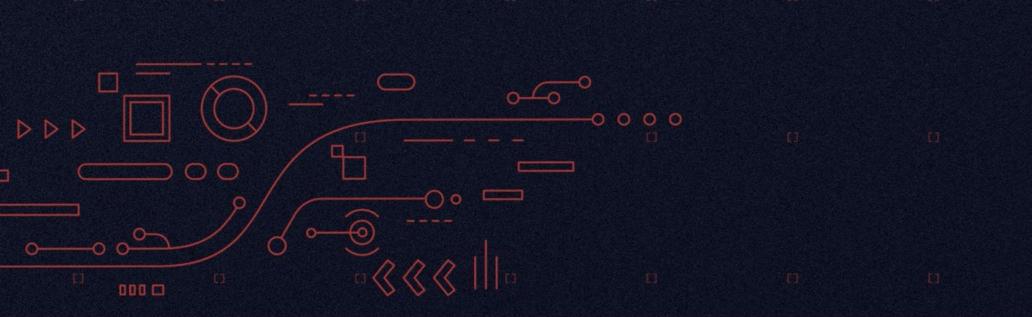
Warning:

This is a satirical talk, presented in a quirky, anti-fact postulation style. Please appreciate it in the right spirit and be sure to be entertained and educated!





You must have heard the horror stories of DevOps...











Google Cloud

Sponsored by

Pivotal. cloudbees Deloitte.

Datical armory

sumo logic

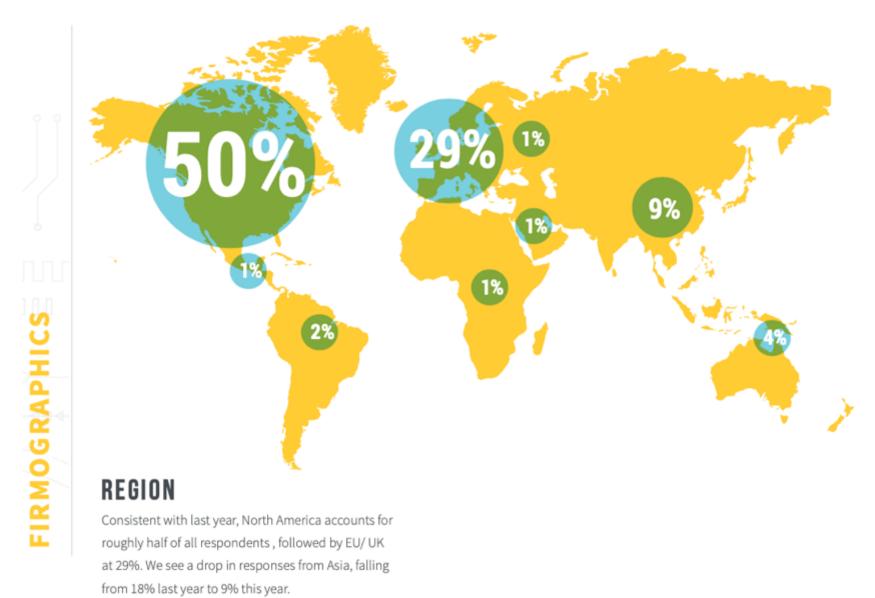


nedgate



New Relic.

People across the world are now speaking out...





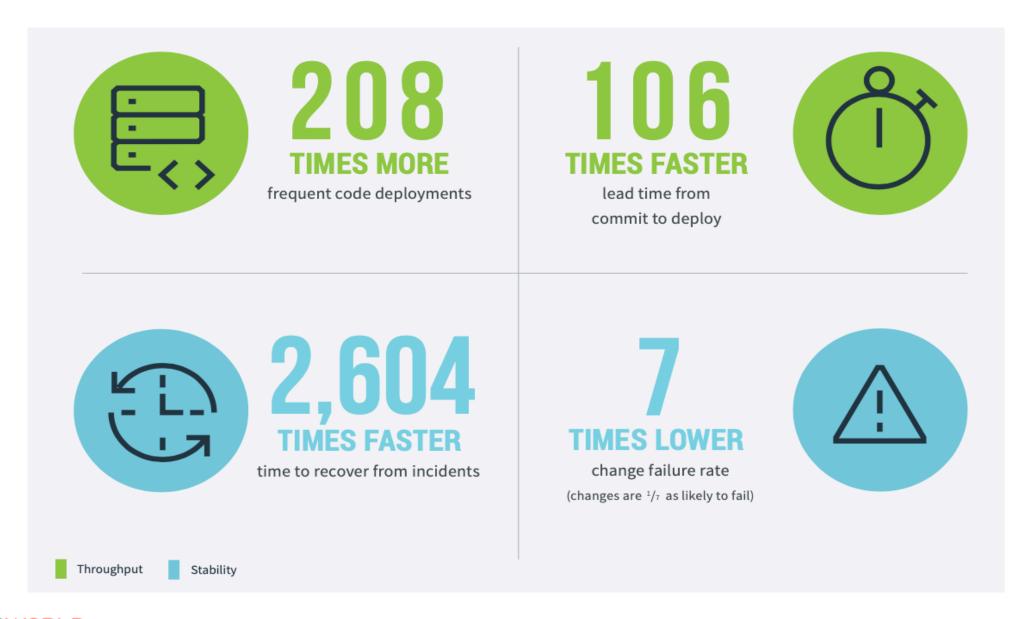
"Elite Performers" are the worst effected by DevOps...



Aspect of Software Delivery Performance*	Elite	High	Medium	Low
Deployment frequency For the primary application or service you work on, how often does your organization deploy code to production or release it to end users?	On-demand (multiple deploys per day)	Between once per day and once per week	Between once per week and once per month	Between once per month and once every six months
Lead time for changes For the primary application or service you work on, what is your lead time for changes (i.e., how long does it take to go from code committed to code successfully running in production)?	Less than one day	Between one day and one week	Between one week and one month	Between one month and six months
Time to restore service For the primary application or service you work on, how long does it generally take to restore service when a service incident or a defect that impacts users occurs (e.g., unplanned outage or service impairment)?	Less than one hour	Less than one day ^a	Less than one day ^a	Between one week and one month
Change failure rate For the primary application or service you work on, what percentage of changes to production or released to users result in degraded service (e.g., lead to service impairment or service outage) and subsequently require remediation (e.g., require a hotfix, rollback, fix forward, patch)?	0-15% ^{b,c}	0-15% ^{b,d}	0-15% ^{c,d}	46-60%



Elite performers perform poorly as compared to low performers

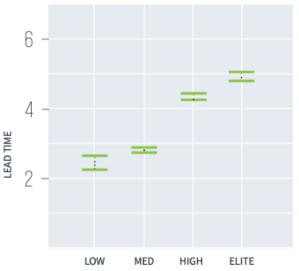




Their "Change Fail Rate" is also really really low



LEAD TIME FOR CHANGES





- 1 = Fewer than once per six months
- 2 = Between once per month and once every 6 months
- 3 = Between once per week and once per month
- 4 = Between once per day and once per week
- 5 = Between once per hour and once per day
- 6 = On demand (multiple deploys per day)



- 1 = More than six months
- 2 = Between one month and six months
- 3 = Between one week and one month
- 4 = Between one day and one week
- 5 = Less than one day
- 6 = Less than one hour

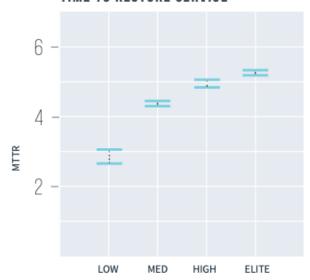
TIME TO RESTORE SERVICE

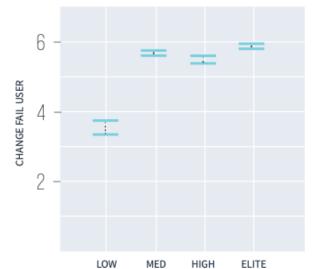
- 1 = More than six months
- 2 = Between one month and six months
- 3 = Between one week and one month
- 4 = Between one day and one week
- 5 = Less than one day
- 6 = Less than one hour

CHANGE FAIL RATE 1 = 76%-100%

- 1 10/0-100/
- 2 = 61%-75% 3 = 46%-60%
- 4 = 31%-45%
- 5 = 16%-30%
- 6 = 0%-15%

TIME TO RESTORE SERVICE



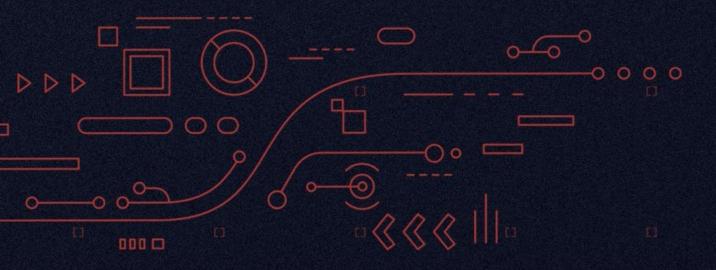


CHANGE FAIL RATE



There are 1000+ proof points that DevOps fails...

Let me present 5 today.





1. DevOps has not delivered any business value





Delivering...

"100's of microservices 1000's of daily production changes 10,000's virtual instances 100,000's customer interactions/min 1,000,000's customers 1,000,000,000's time series metrics"

Leading to...

"10,000,000,000's hours streamed"

Supported by...

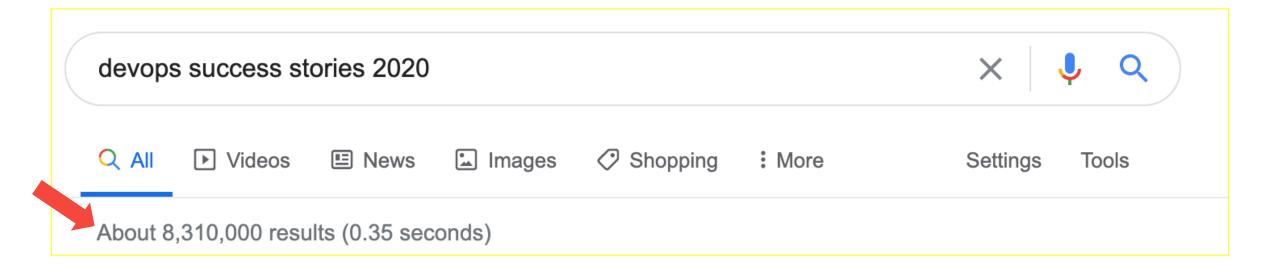
"10's Ops Engineers
0 Network Ops Centres"

Source: How Netflix thinks of DevOps



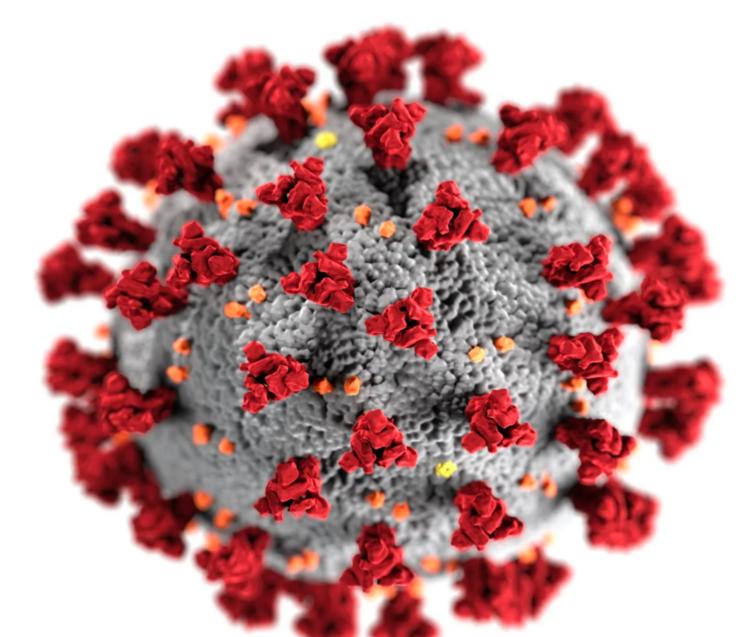


Its hard to find any success stories elsewhere either...





2. The pandemic has further exposed its lack of growth





DevOps Agility Shines in the Midst of a Pandemic



BY TOBIAS DUNN-KRAHN ON JUNE 5, 2020 — 0 COMMENTS

https://devops.com/devops-agility-shines-in-the-midst-of-a-pandemic/



DevOps Market to Remain Robust as COVID-19 Leads to Growth in Digitization | DevOps Market Size, Share, Challenges and Opportunities

https://www.wfmj.com/story/42292044/devops-market-to-remain-robust-as-covid-19-leads-to-growth-in-digitization-devops-market-size-share-challenges-and-opportunities

How DevOps Boost Business Deliveries During COVID-19?

By Veritis: Published on 28th May 2020

https://www.veritis.com/blog/how-devops-boost-business-continuity-during-covid-19



How Is DevOps Surviving Corona?

In this short editorial, we take a look at how and why businesses that are practicing DevOps are having more success in the middle of COVID-19.



by Alireza Chegini RMVB ← CORE · May. 13, 20 · DevOps Zone · Opinion

https://dzone.com/articles/how-is-devops-surviving-corona

How DevOps Can Benefit Your Remote Team During COVID-19

Posted 1 month ago by Jolene Rutherford

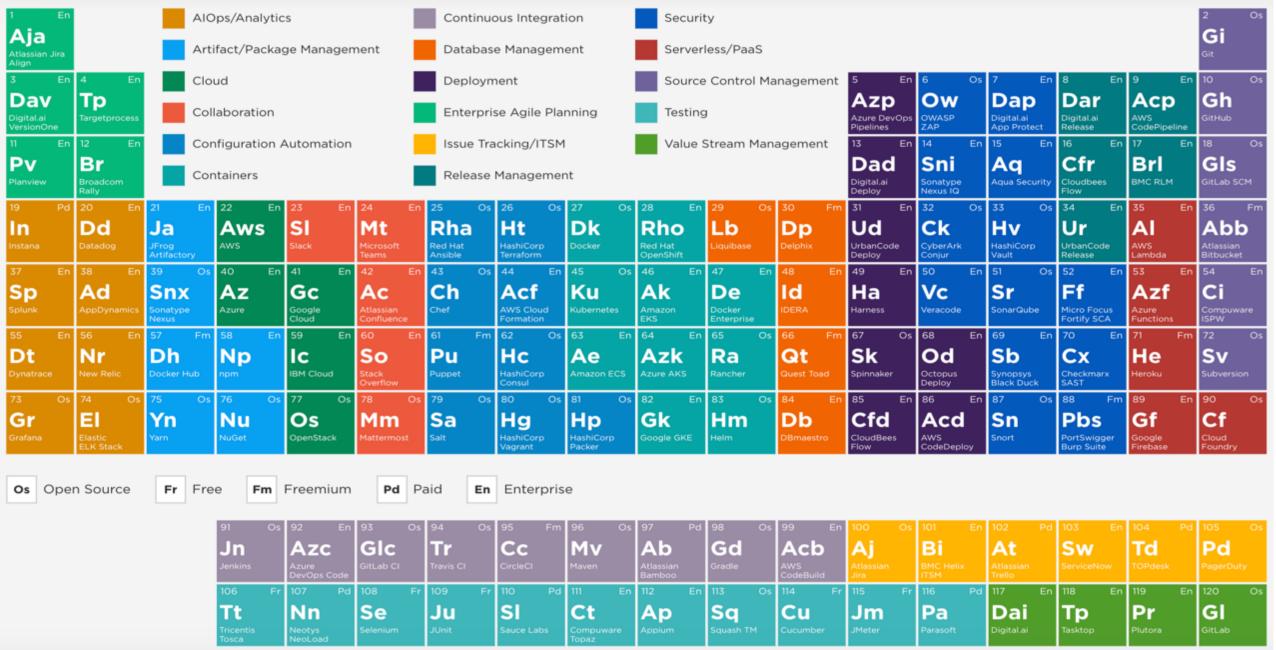
Next Story

https://itchronicles.com/dev-ops/how-devops-can-benefit-your-remote-team-during-covid-19



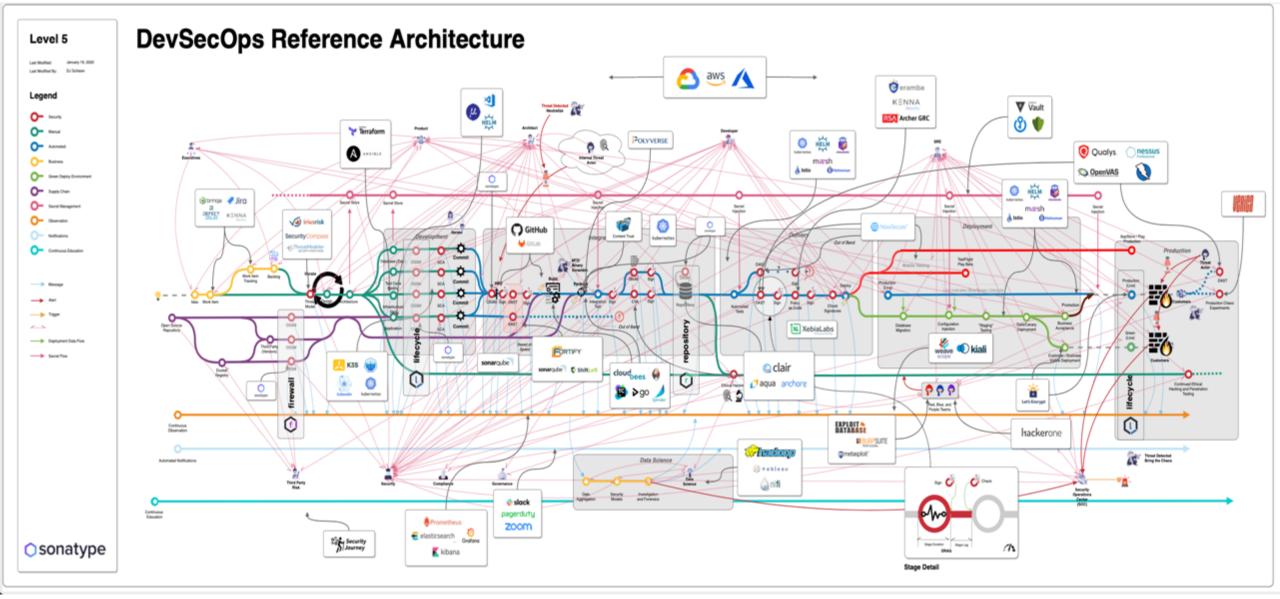
1





https://digital.ai/periodic-table-of-devops-tools

Nor is there any comprehensive reference architecture

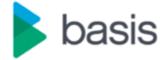




4. It's limited to the standard Java/.Net/new age stacks

```
class="container">
class="row">
    class="col-md-6 col-lg-8"> <!--</pre>
                                                 BEGIN NAVIGATION
        id="nav" role="navigation">
                 href="index.html">Home</a>
                 <a href="home-events.html">Home Events</a>
                 href="multi-col-menu.html">Multiple Column Men
                 class="has-children"> < href="#" class="current";</li>
                    <l
                        <a href="tall-button-header.html">Tall But
                        <a href="image-logo.html">Image Logo</a></a>
                        class="active"><a href="tall-logo.html">Ta
                    class="has-children"> <a href="#">Carousels</a>
                         11--- bref="variable-width-slider.html">Variab
                    <l
```





































Disclaimer: This list is for illustrative purposes only and is based purely on my research. I'm sure there are other competent products in each category and many other categories.







"Site Reliability Engineers and DevOps specialists remain among the highest paid individual contributor roles"

https://insights.stackoverflow.com/survey/2020





"DevOps specialists and site reliability engineers are among the highest paid, most experienced developers most satisfied with their jobs"

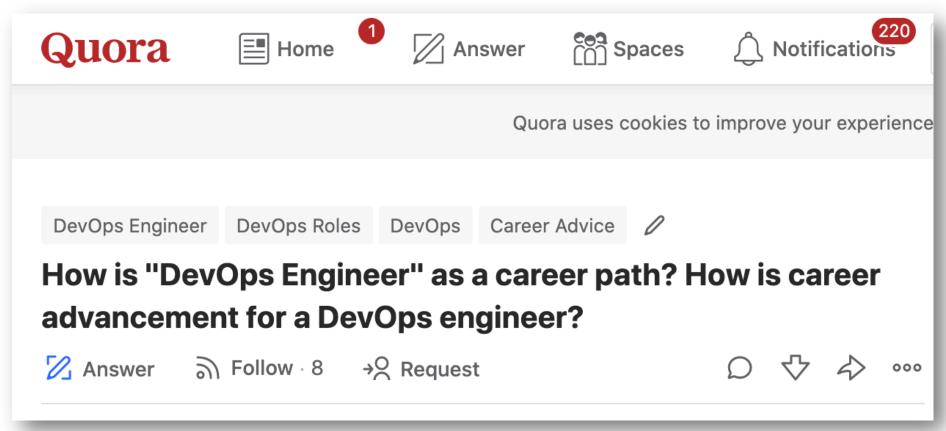
https://marketing.dice.com/pdf/2020/Dice 2020 Tech Salary Report.pdf

by CloudBees



5. The carrier path is also not well defined

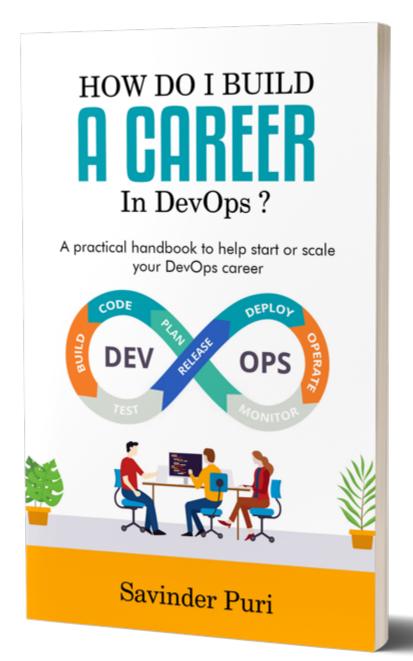
In fact, no one is even asking that question!



https://www.quora.com/How-is-DevOps-Engineer-as-a-career-path-How-is-career-advancement-for-a-DevOps-engineer



27



There is just this one, lousy book, available on Amazon worldwide!

(pardon my little advertising plug ©)





Hopefully, this has helped you confirm what a total failure DevOps is!

Thank you!

Reach me @savinderpuri

