



Is NoOps the new evil?

We got so good at DevOps that we need a new enemy!

**Chris is right: EVERYTHING is a
DNS problem**

.io domain names are random | X

←

→

↺

Sicher | https://www.reddit.com/r/programming/comments/71biyc/io_domain_names_are_randomly_resolving_badly/


☆

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⋮

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[\(news.ycombinator.com\)](#)
submitted 2 months ago by Jelterminator
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[-] [necrophcode](#) 80 points 2 months ago

Are those the .io nameservers specifically, or it is just *some* .io nameservers are broken?

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[-] [Krenair](#) 45 points 2 months ago*

```
alex@alex-laptop:~$ dig io. NS | grep -vE "(r|^$)"
io.      300 IN  NS   ns-a2.io.
io.      300 IN  NS   ns-a3.io.
io.      300 IN  NS   ns-a4.io.
io.      300 IN  NS   a0.nic.io.
io.      300 IN  NS   b0.nic.io.
io.      300 IN  NS   c0.nic.io.
io.      300 IN  NS   ns-a1.io.
ns-a1.io. 300 IN  A    194.0.1.1
ns-a1.io. 300 IN  AAAA  2001:678:4::1
ns-a2.io. 300 IN  A    194.0.2.1
ns-a2.io. 300 IN  AAAA  2001:678:5::1
ns-a3.io. 300 IN  A    74.116.178.1
ns-a4.io. 300 IN  A    74.116.179.1
```

Couple of those are the problematic nameservers mentioned in the linked thread.

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[-] [34895348573857348759](#) 70 points 2 months ago

tl;dr: they didn't fix their shit for a year already <https://news.ycombinator.com/item?id=12813065>
<https://thehackerblog.com/the-io-error-taking-control-of-all-io-domains-with-a-targeted-registration/>

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[-] [catcradleS](#) 29 points 2 months ago

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🔍

this post was submitted on 20 Sep 2017


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\$> whoami bastian

System Engineer at amaze.io

Open Source

Docker Containers in Production  

Zurich, Switzerland

@dasrecht

Too many side projects!

- DevOpsDays Zurich
- CommunityRack.org
- Running Tor Exit nodes for fun
- Working with real Containers

\$>



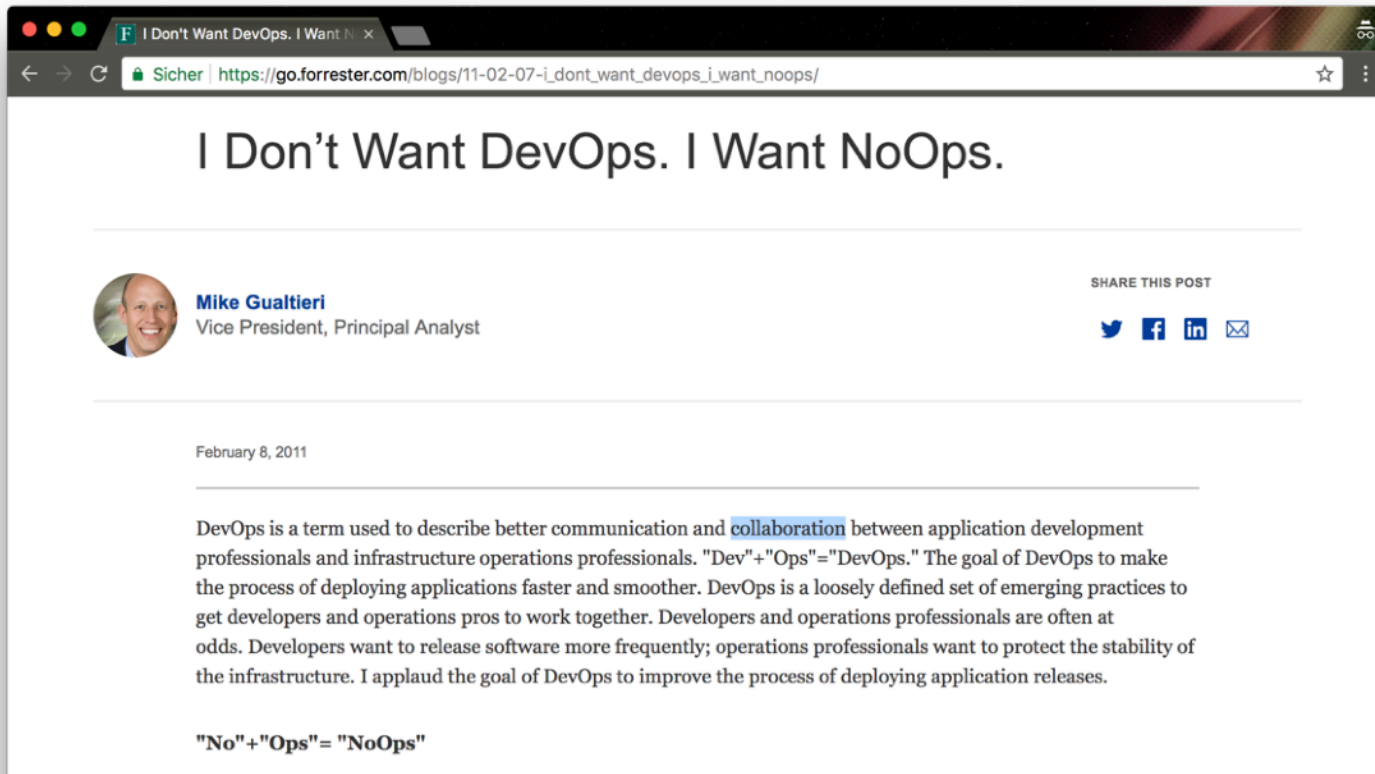
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Agenda

- Enter NoOps
- NoOps Feelings
- DevOps Recap
- Our current stop on the DevOps journey
- Closer look at NoOps
- You won't lose your job



**How do you feel when you hear
NoOps?**

NoOps



NoOps 🤔😡😱

DevOps - Culture and Collaboration



Short reminder: What is DevOps?

Cultural Paradigm

Culture

Automation

Measurement

Sharing / Security

Who is really good at that DevOps thing? 🙋

Who has that feeling that
everyone else is just much better
at living the DevOps life? 🙅



Where are we on our DevOps journey?

- Constant feeling „the others do much better than we do“!
- We learned to collaborate better across timezones
- Automate as much as possible
- Blameless - Things happen let's improve
- We open sourced our tooling



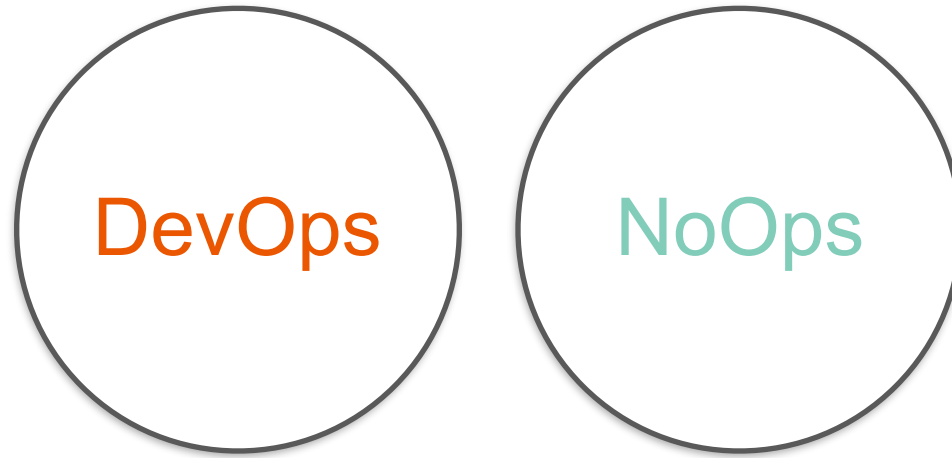
Where are we on our DevOps journey?

- Infrastructure as code is developed and managed as such
- We look at **NoOps** from various angles improving our processes and the customer experience
- **ChatOps** - We prefer direct customer communication via Chat instead of a ticketing system

Let's look at NoOps for a bit



What NoOps appears to be



What NoOps appears to be





Back to the Article from 2011

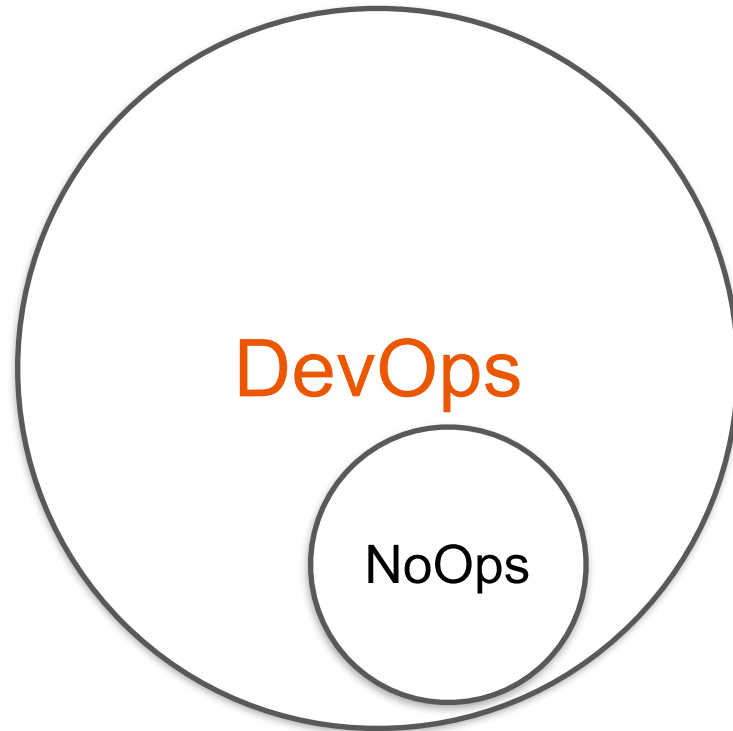
The goal of NoOps is also to **improve the process of deploying applications.**

But, NoOps means that application developers will **never have to speak with an operations professional again.**

Of course, this is not just about getting virtual machine instances. It is also about release management. Ops can run this public, private, or hybrid infrastructure and **give developers the tools they need to responsibly deploy applications faster.**



It's actually this:



**No worries! We're not getting rid
of Operations anytime soon!**

Not even with NoOps!



No worries!

- NoOps will not get rid of your job
- Did Cloud Infrastructure put you work over the past 10 years?
- Did Server-less Infrastructure magically let disappear all your worries over night?

**Chances are high that you already
adopted NoOps!**



What is NoOps?

First of all: A huge misunderstanding!

It does not mean:

- Unmaintained Infrastructure
- Getting rid of the Operations Team





What is NoOps?

Operational Paradigm

Service Design - It just works™

Development does not need to talk to
Operations **for standard operation
procedures**

More power and **responsibility** for
Developers



What is NoOps?

Operations is becoming a software development skill

Important: This does not mean they can't consult Operations expertise at all!

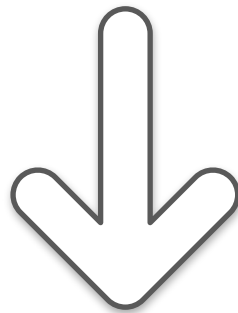
Automation: Improve deployment processes

**Ops loves NoOps-ing things! We
should name it RelaxOps**




Where and why do we adopt NoOps

Customers: Can create new Environments in a self-service manner (they don't need to talk to OPS!)

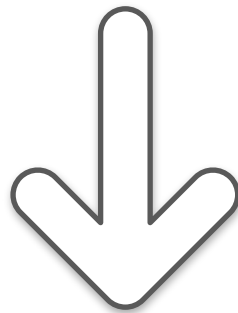


Focus: Operations Team works on improving and enhancing the infrastructure



Where and why do we adopt NoOps

Specific Services: Do you really want to run a Mailserver for transactional mails?



Use external services: Amazon SES, Mailgun, Sendgrid



NoOps - Angles

Business - If the customer can use your solution without even needing to talk to you, you can scale much better

Operations - Adopting services and embracing NoOps will remove toil and enables your team to focus on the important tasks at hand.

DevOps

Culture and Collaboration

NoOps

Focus and Automation

An aerial photograph of Zurich, Switzerland, showing the city's dense urban landscape, the Limmat river, and the surrounding green hills. A semi-transparent white text box is overlaid in the center of the image.

Want to come to Zurich?

DevOpsDays Zurich 2-3 May 2018

CFP open - cfp.devopsdays.ch

Q&A

Bastian Widmer - @dasrecht



Resources

- NoOps Article - https://go.forrester.com/blogs/11-02-07-i_dont_want_devops_i_want_noops/