



#cafedevopslyon

@dadideo



1



IaaS (Interruption as a Sageness)

David Aparicio | 12 Octobre 2021 | 19h00 | Zenika Lyon



@dadideo

David Aparicio

15/ DD INSA de Lyon / UNICAMP (Brésil)

Facebook Open Academy / MIT AppInventor

17/ Dev(Sec)Ops @ AMADEUS (Nice, 2 ans)

19/ Data(Sec)Ops @ OVHcloud (Lyon, 3 ans)





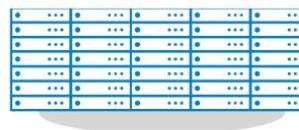
OVHcloud: un leader européen

200k Private cloud

VMs running

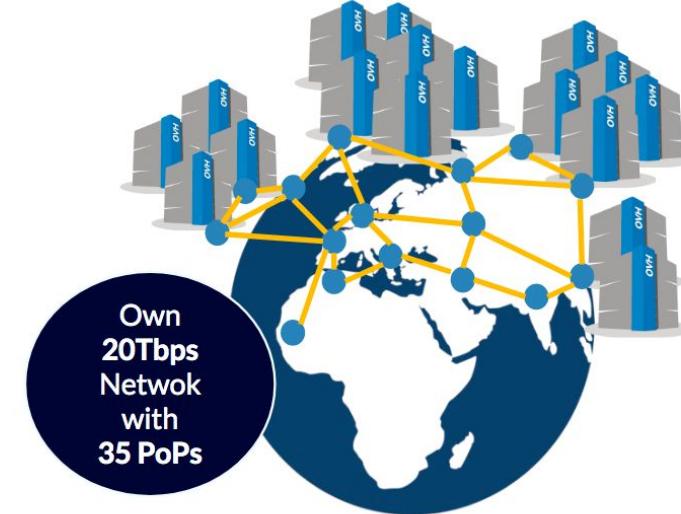


Dedicated
IaaS
Europe

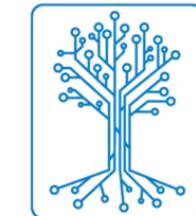


Hosting capacity :
1.3M Physical
Servers

360k
Servers already
deployed



> 1.3M Customers in 138 Countries



GAIA-X



Depuis Déc. 2020



OVHcloud: 4 univers de produits

The image shows a screenshot of the OVHcloud product catalog interface, divided into four main sections:

- Domain / Email**: Includes options for Domain names, DNS, SSL, Redirect; Email, Open-Xchange, Exchange; Collaborative Tools, NextCloud; PaaS for Web (Mutu, CloudWeb, Plesk, CPanel); PaaS with Platform.sh; Virtual servers (VPS, Dedicated Server); SaaS (Wordpress, Magento, Prestashop, CRM, Billing, Payment, Stats); MarketPlace; and Support, Managed (Support Basic, Support thought Partners, Managed services).
- Standalone, Cluster**: Includes General Purpose (SuperPlan), Game, Virtualization, Storage, Database, Bigdata, HCI, AI, VDI Cloud Game, Network; VPS aaS (pCC DC, Virtuozzo Cloud); Wholesales (IT Integrators, Cloud Storage, CDN, Database, ISV, WebHosting, High Intensive CPU/GPU); Encrypt (KMS, HSM); and Encrypt (SGX, Network, Storage).
- Compute**: Includes VM (K8S, IA IaaS, Baremetal, PaaS for DevOps); Storage (File, Block, Object, Archive); Databases (SQL, noSQL, Messaging, Dashboard); Network (IP FO, NAT, LB, VPN, Router, DNS, DHCP, TCP/SSL Offload); Security (IAM, MFA, Encrypt, KMS); IA, DL (Standard Tools for AI, AI Studio, IA IaaS, Hosting API AI); and Bigdata, ML, Analytics (Datalake, ML, Dashboard).
- Hosted Private Cloud**: Includes VMware (SDDC, vSAN 1AZ / 2AZ, vCD, Tanzu, Horizon, DBaaS, DRaaS); Nutanix (HCI 1AZ / 2AZ, Databases, DRaaS, VDI); OpenStack (IAM, Compute (VM, K8S), Storage, Network, Databases); Storage (Ontap Select, Nutanix File, OpenIO, MinIO, CEPH, Zerto, Veeam, Atempo); AI (ElementAI, HuggingFace, Deepomatic, Systran, EarthCube); Bigdata / Analytics / ML (Cloudera over S3, Dataku, Saage, Tableau); Hybrid Cloud (vRack Connect, Edge-DC, Private DC, Dell, HP, Cisco, OCP, MultiCloud); and Secured Cloud (GOV, FinTech, Retail, HealthCare).



16 au 18 Novembre 2021

OVHcloud Ecosystem Experience

Comment coopérer sur un cloud de confiance

Rejoignez les leaders du cloud lors de notre événement annuel.

Du 16 au 18 novembre 2021

SAMSUNG vmware NANUA
OVHcloud NUTANIX

Rejoignez les changemakers

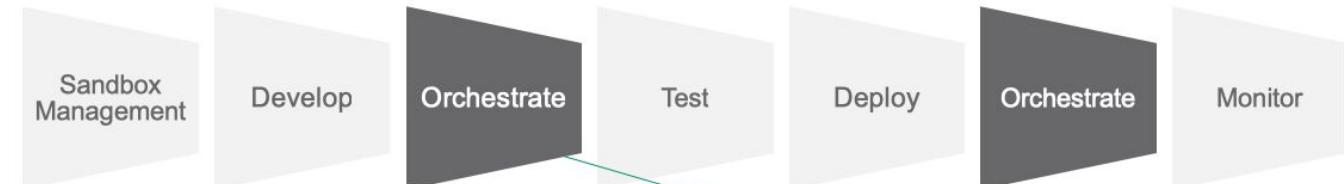
△ ▲ □



DataOps @ GIS-DATA

- RéPLICATION des données
- Opérations Scaling (up/down), Maintenance (compactions, cleaning DB)
- PoC / Benchmarks / Performance tuning
- Industrialisation / Automatisation des procédures
- Mise en place de plate-forme de machine learning
- Urbanisation du Datalake
- Réalisation des Audits / Security assessment
- Migration des solutions
- Onboarding des projets
- RUN/BAU

DataOps Process



There are thousands of tools, languages and vendors for Data





Qui êtes-vous ?

Plutôt Dev, Ops, Étudiant ?



Qui a déjà possédé un téléphone d'astreinte ?



Agenda

Introduction

CDN

NewsBlur

First Blood

Retour du Legacy

DNS

Elliot

Blast effect

Split-Brain

Legacy

Same JVM, shoot again

Conclusion

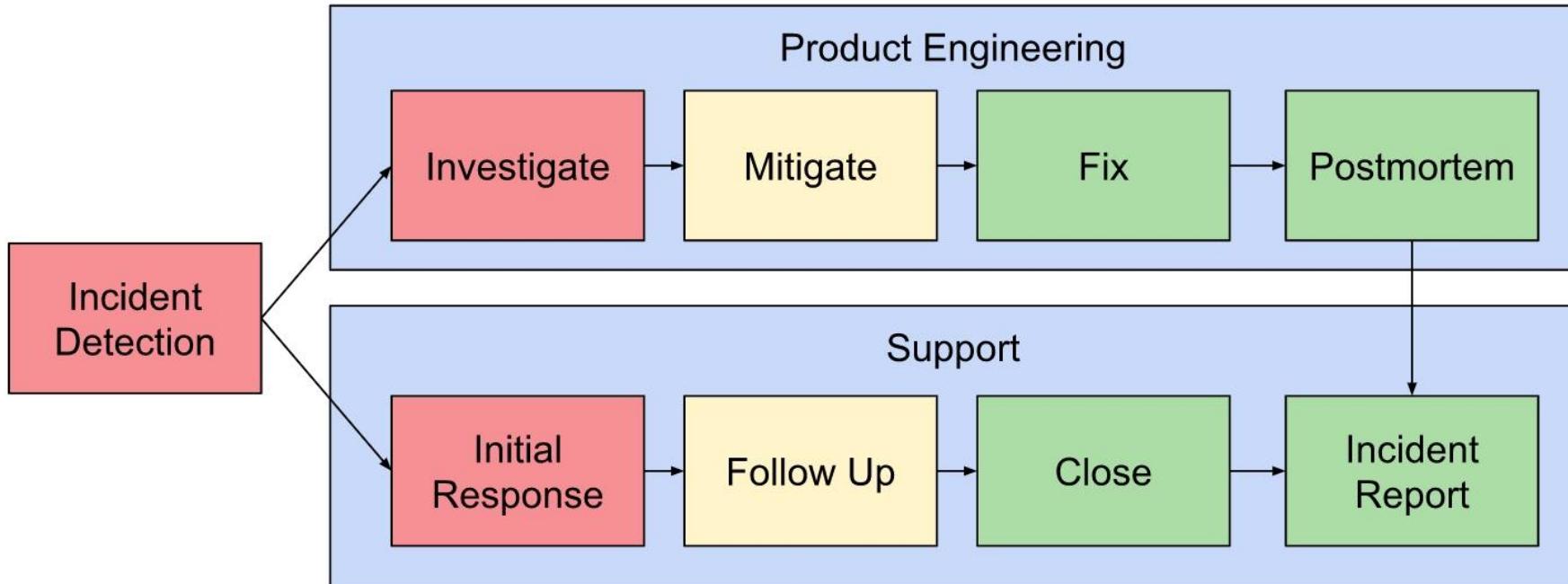


Introduction



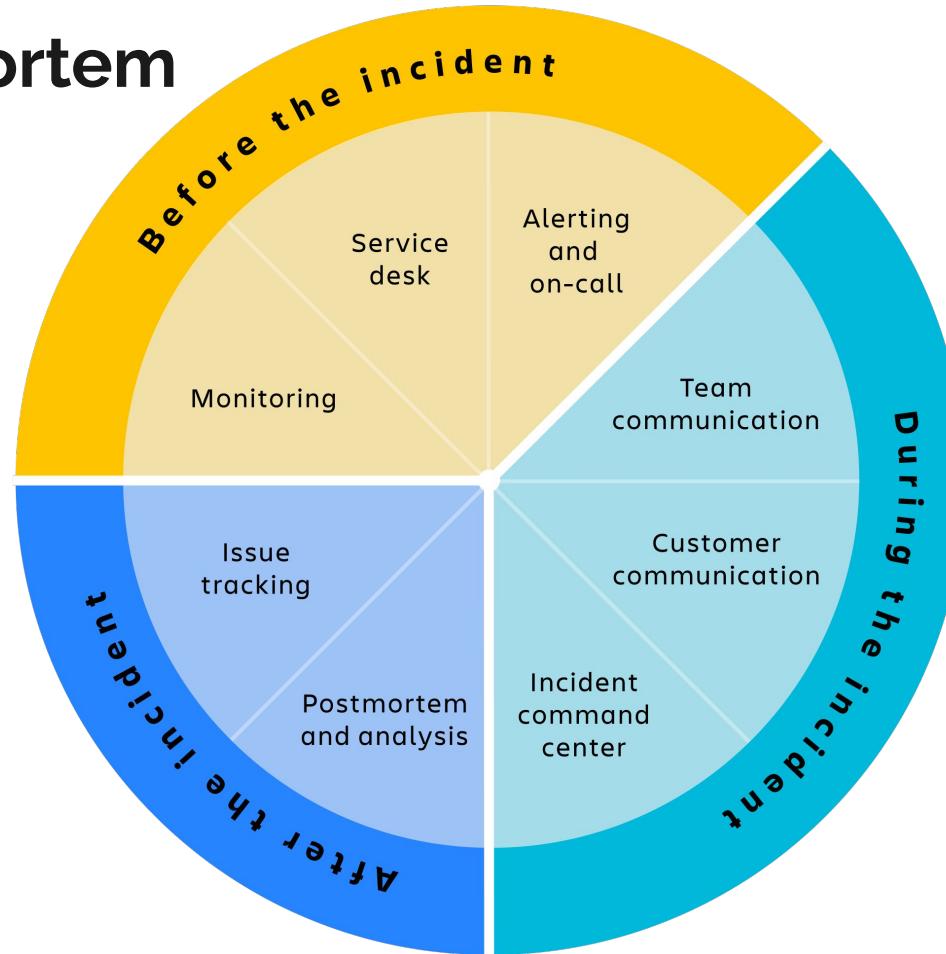


Post-mortem





Post-mortem





Examen post-incident

Identification de l'incident (détection, sonde)

Flux d'informations et communication (canaux)

Structure (organisation)

Utilisation des ressources (vitesse, optimum)

Processus (SLA)

Création de rapports (interne et externe)



[Le guide complet de gestion des incidents ITIL](#)





Regroupés en chapitres

Background

Incident timeline / What Happened

Root cause

Workaround / Mitigation

Impact / Customers

Next steps / Action item

(Engineering & Architecture,
Process & Communications)



Exemples: [GitHub](#) / [Elastic](#)





October 30, 2018 — Engineering, Product

October 21 post-incident analysis



Jason Warner

Last week, GitHub experienced [an incident](#) that resulted in degraded service for 24 hours and 11 minutes. While portions of our platform were not affected by this incident, multiple internal systems were affected which resulted in our displaying of information that was out of date and inconsistent. Ultimately, no user data was lost; however manual reconciliation for a few seconds of database writes is still in progress. For the majority of the incident, GitHub was also unable to serve webhook events or build and publish GitHub Pages sites.

All of us at GitHub would like to sincerely apologize for the impact this caused to each and every one of you. We're aware of the trust you place in GitHub and take pride in building resilient systems that enable our platform to remain highly available. With this incident, we failed you, and we are deeply sorry. While we cannot undo the problems that were created by GitHub's platform being unusable for an extended period of time, we can explain the events that led to this incident, the lessons we've learned, and the steps we're taking as a company to better ensure this doesn't happen again.

Background

Share

 [Twitter](#) [Facebook](#) [LinkedIn](#)



First blood





Quand date le premier bug de Grace Hooper ?



Un vrai bug (insecte)

Bureaux de EMCC

1947

Inventeur du COBOL



Photo # NH 96566-KN (Color) First Computer "Bug", 1947





Cette anecdote n'est pas "isolée"

Past Incidents

Tuesday 22nd June 2021

22 Juin

2021

Inondation de la fibre optique
d'un datacenter

✓ Infrastructure PAR: connectivity issue / high latency
3 months ago

2021-06-22

We are currently having connectivity issue or high latency to some part of our Paris infrastructure. Our network provider is aware of the issue and is currently investigating.

10:03 UTC: It seems like the issue is only affecting one of the datacenter. Applications that use services deployed on another datacenter might suffer from connectivity issue or increased latency

10:15 UTC: We are removing the IPs of the affected datacenter from all DNS records of load balancers (public, internal and Clever Cloud Premium customers) and are awaiting more info from our network provider.



Elliot



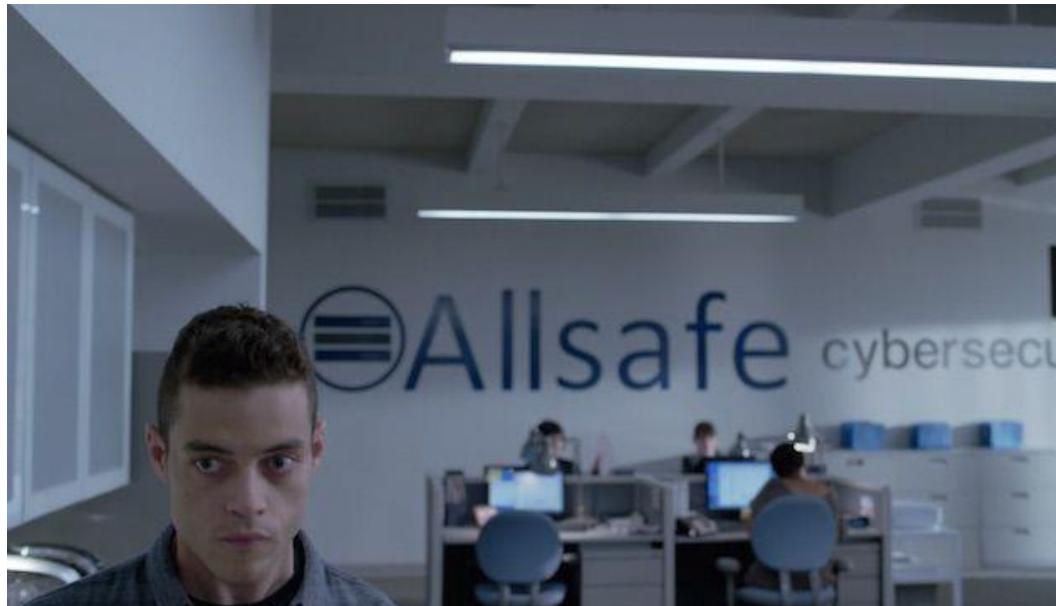


Elliot Alderson





Allsafe, great place to work 2021





P1 detected, tout le monde sur le pont





Money, money





Beware Prod behind

"With great power comes great responsibility"





Le stagiaire

5:30 ↗

5G



Integration Test Email #1

Inbox



HBO Max 5:24 PM

to me ▾



This template is used by integration tests only.

 **HBOMaxHelp** 
@HBOMaxHelp

We mistakenly sent out an empty test email to a portion of our HBO Max mailing list this evening. We apologize for the inconvenience, and as the jokes pile in, yes, it was the intern. No, really. And we're helping them through it. ❤️

4:21 AM · Jun 18, 2021

 162.1K  6.5K  Copy link to Tweet

[Tweet your reply](#)



[Today](#) - HBO Max explains cryptic email that accidentally went to subscribers (18 June 2021)



AWS, GitLab, DigitalOcean

AWS / Drop database https://aws.amazon.com/message/680587/	24/12/2012
Gitlab / Drop database https://about.gitlab.com/blog/2017/02/10/postmortem-of-database-outage-of-january-31/	31/01/2017
DigitalOcean / Drop database https://www.digitalocean.com/blog/update-on-the-april-5th-2017-outage/	05/04/2017



Conseils

Auditer et protéger l'environnement (SIEM, RBAC)

Informations d'identification/connexion protégé en lieu sûr (Vault, KeePass)

Tester vos procédures de restauration (backup)



Legacy



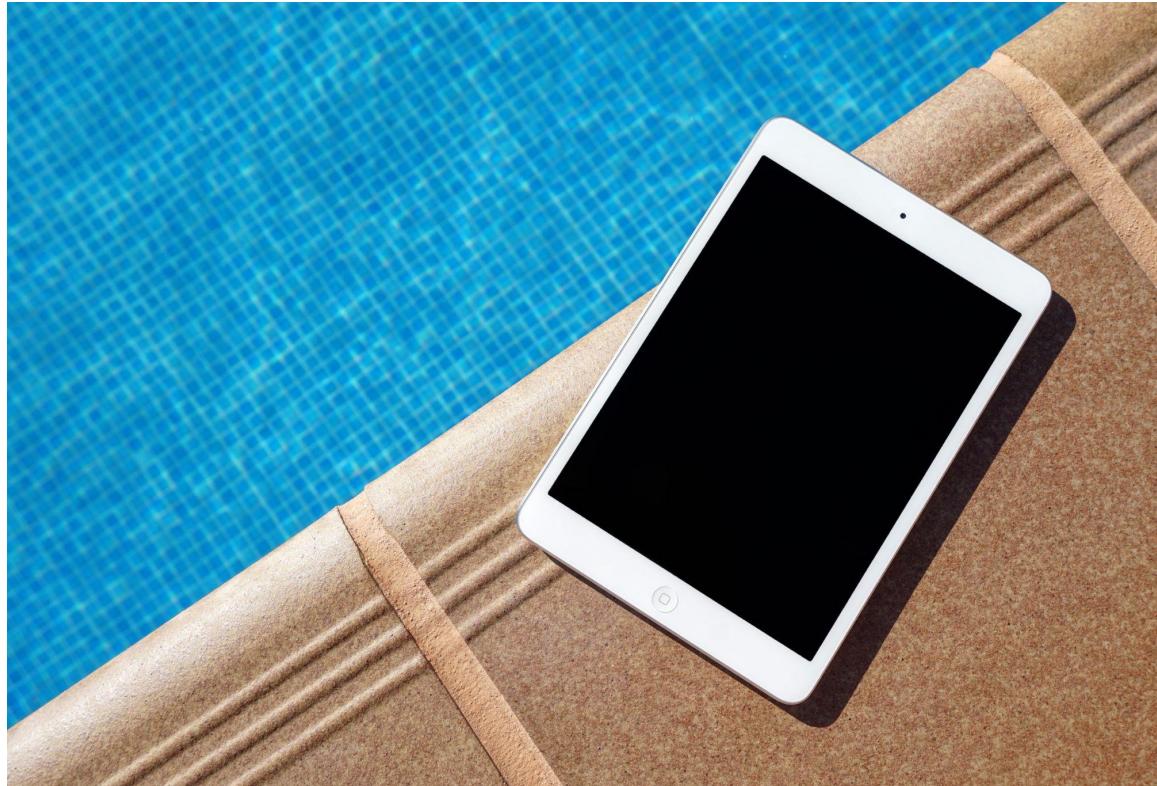


Il était une fois.. (en 2020)



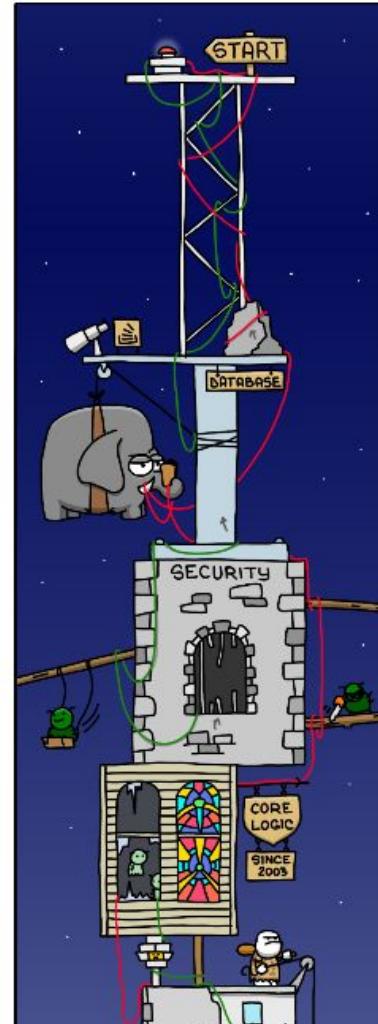


Quand soudain l'astreinte sonne



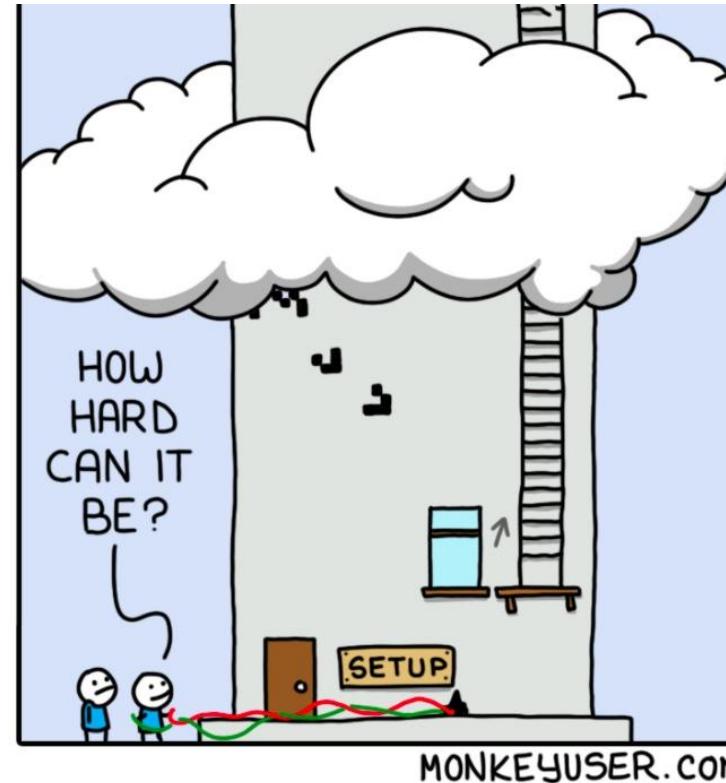


Legacy



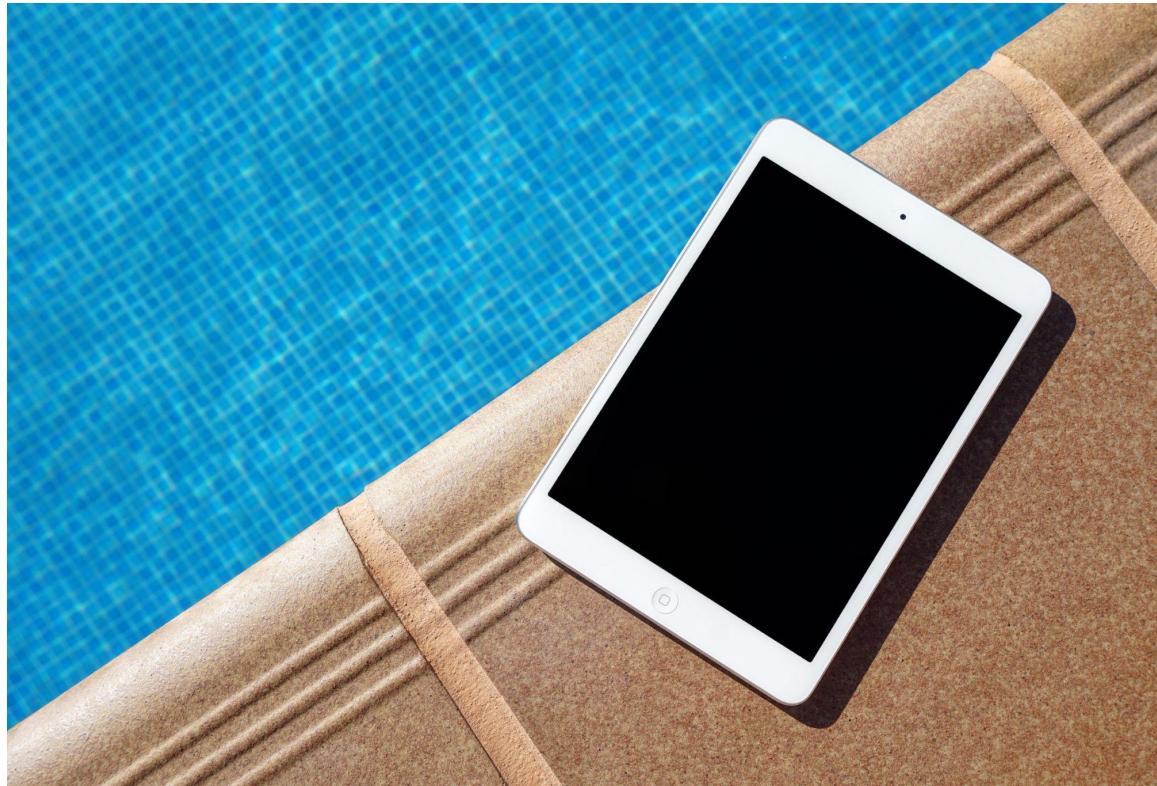


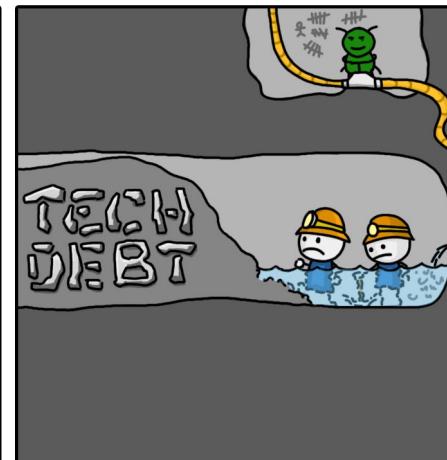
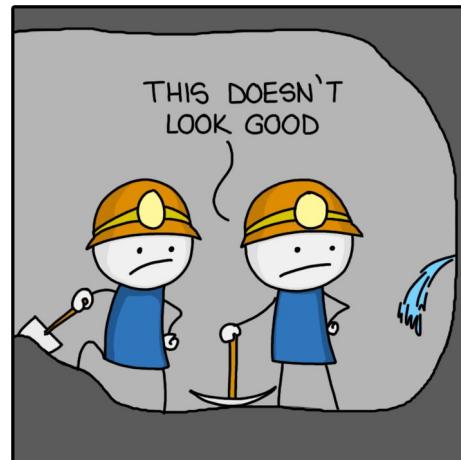
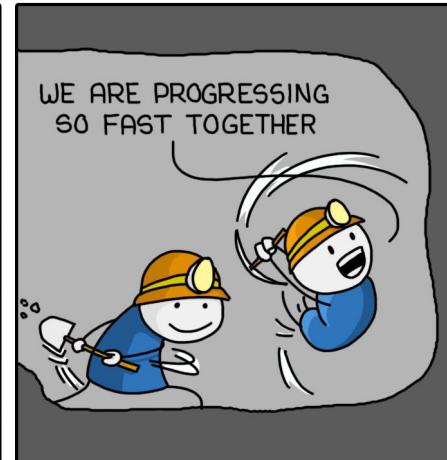
Legacy..





L'astreinte sonne à nouveau

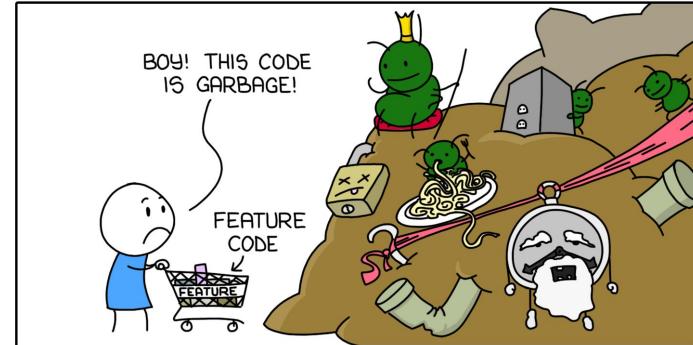






Le bon et le mauvais patch/dev

CODE ENTROPY





KISS



**KEEP
CALM
AND
KISS**

Original: Variante :

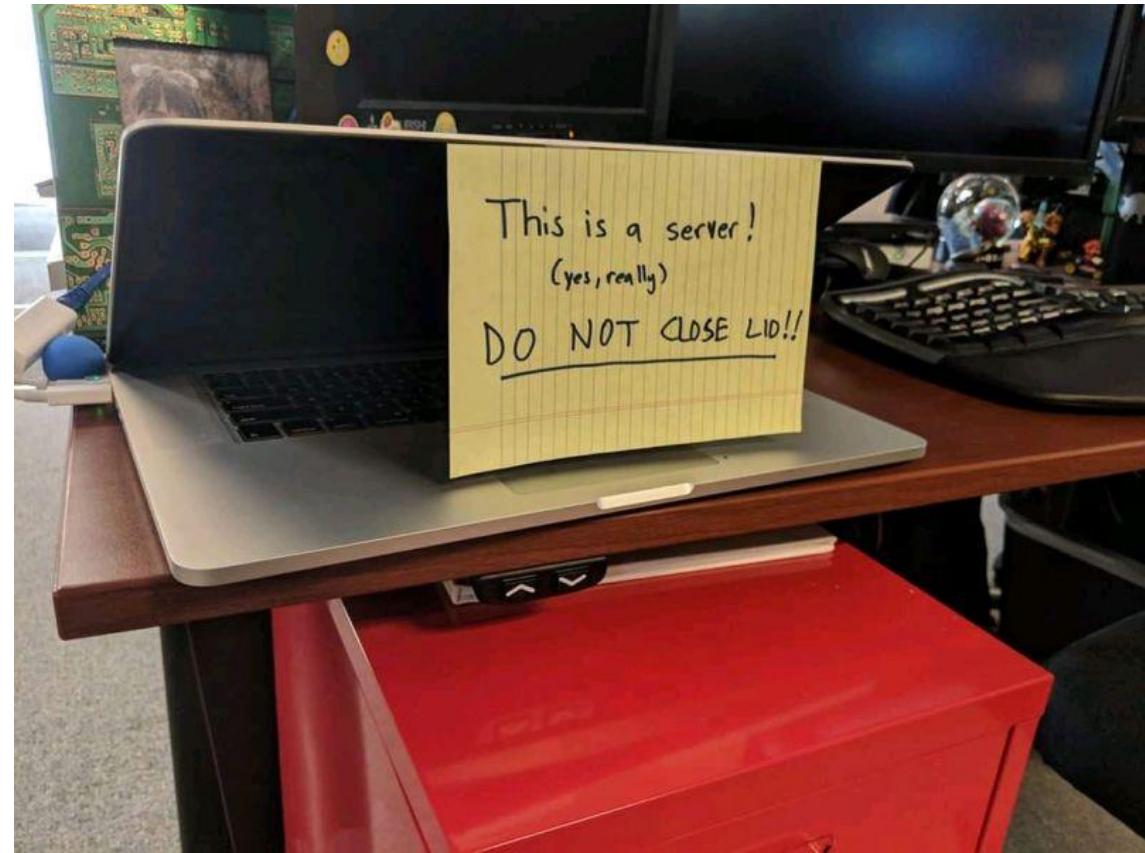
Keep Keep
It It
Simple Super
Stupid Simple



Attention: Serveur



Image trouvée sur la twittosphère





CDN





Marmiton

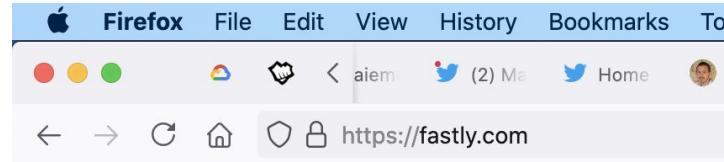
connection failure

Fastly error: unknown domain: dev.to.

Details: cache-ams21071-AMS



Fastly



Error 503 Service Unavailable

Service Unavailable

Guru Mediation:

Details: cache-ams21041-AMS 1623148153 16274930

Varnish cache server

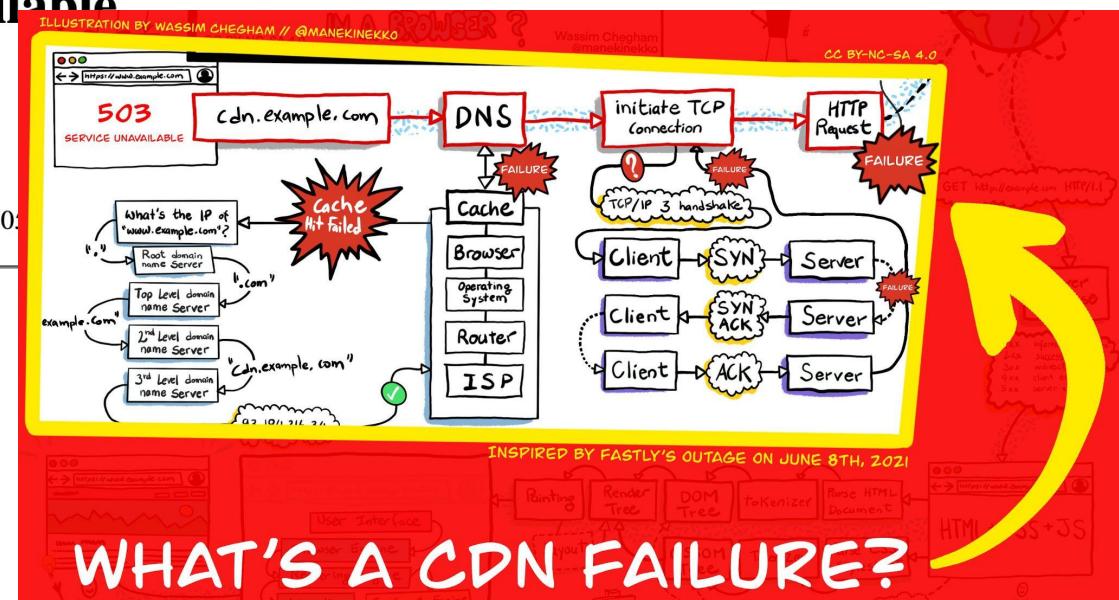


Schéma de [@manekinekko](#)



Resilience

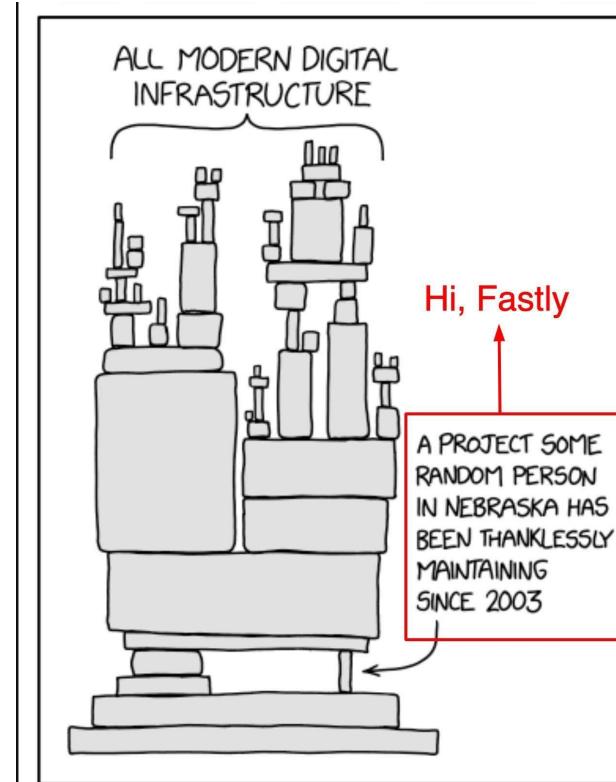


Image trouvée sur la twittosphère



Details

Summary of June 8 outage

We experienced a global outage due to an undiscovered software bug that surfaced on June 8 when it was triggered by a valid customer configuration change. We detected the disruption within one minute, then identified and isolated the cause, and disabled the configuration. Within 49 minutes, 95% of our network was operating as normal.

This outage was broad and severe, and we're truly sorry for the impact to our customers and everyone who relies on them.

What happened?

On May 12, we began a software deployment that introduced a bug that could be triggered by a specific customer configuration under specific circumstances.

Early June 8, a customer pushed a valid configuration change that included the specific circumstances that triggered the bug, which caused 85% of our network to return errors.



Conseils

Personnaliser les messages d'erreur

Tester les demandes clients (E2E/Staging/Red-Black plate-forme)

Tester les procédures du IT Runbook (Role-play afternoon)

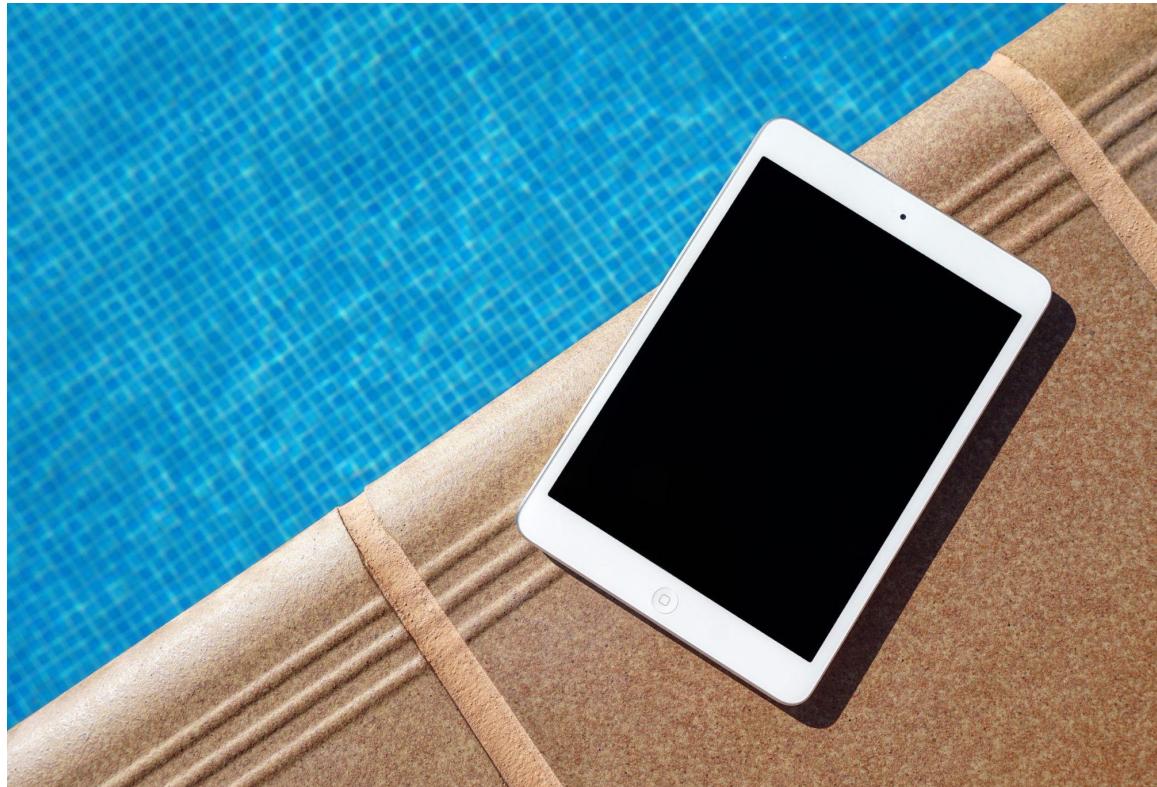


Le retour du Legacy





L'astreinte sonne.. ...





Il était une autre fois.. (en 2021)

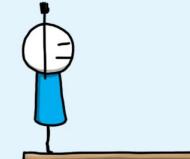




Senior vs Junior

OBSERVER

WATCHING A SENIOR DEV



MONKEYUSER.COM

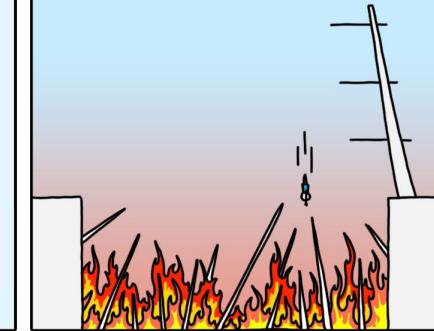
GRACEFULLY AND CONFIDENTLY



DIVE INTO



LEGACY CODE





Blast Effect





Apache Zookeeper

- Créé en même temps qu'à Hadoop
- Base de beaucoup de systèmes distribués (Kafka v<2.8 / KIP-500)
- Ancêtre de consul/etcd
- Key-Value Store hiérarchique
- Très bons résultats aux tests Jepsen
- Avantages
 - Suivre des changements sur un path (watcher)
 - Noeuds éphémères
 - Notion de sessions



Architecture

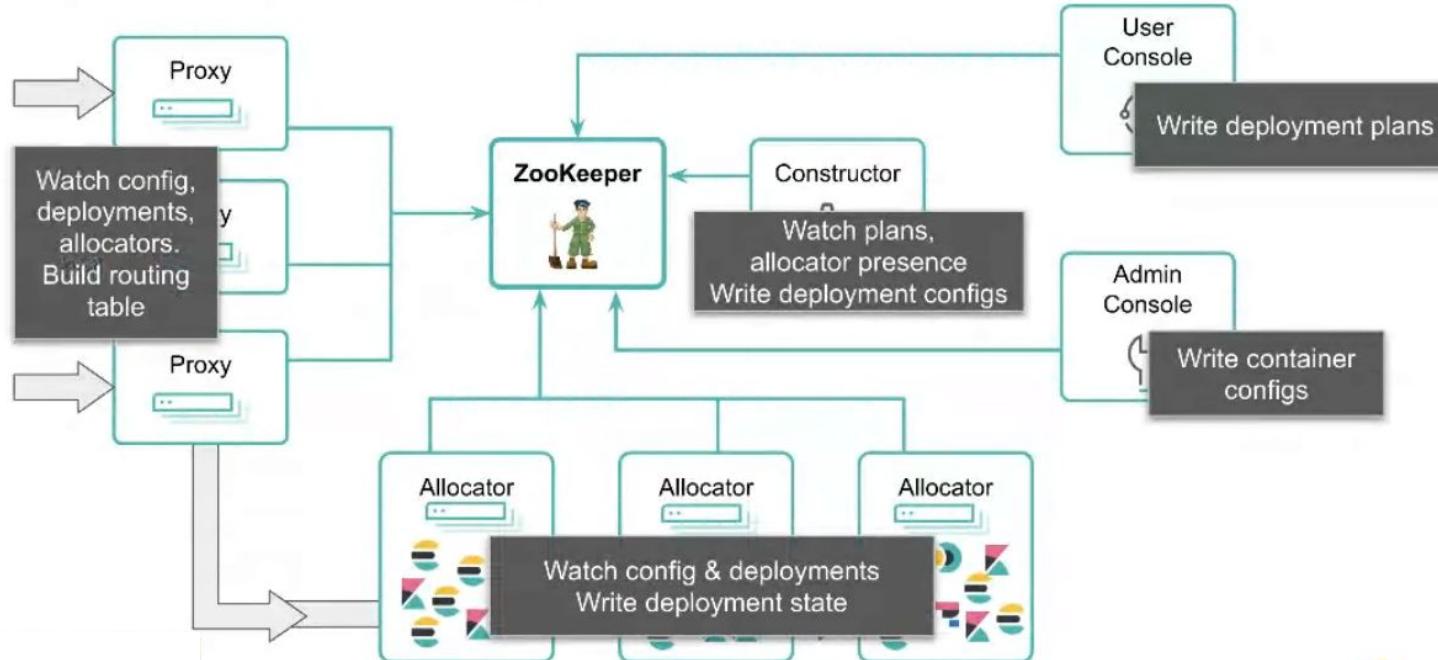


Schéma issu du meetup Toulouse JUG: [War Story, comment les pauses du GC ont pété la prod](#)



Conseils

Avoir un système d'automatisation des incidents (ouverture d'une war room, d'un document collaboratif, etc.)

Maintenir les versions à jour pour gagner les patch/bug fixes

Mise en place d'un circuit breaker

Règles de Warm-up / Slow startup (mode Diesel)

Chaos Monkey / Analyse des effets de bord



Same JVM, Shoot again





Les limites de la technologie

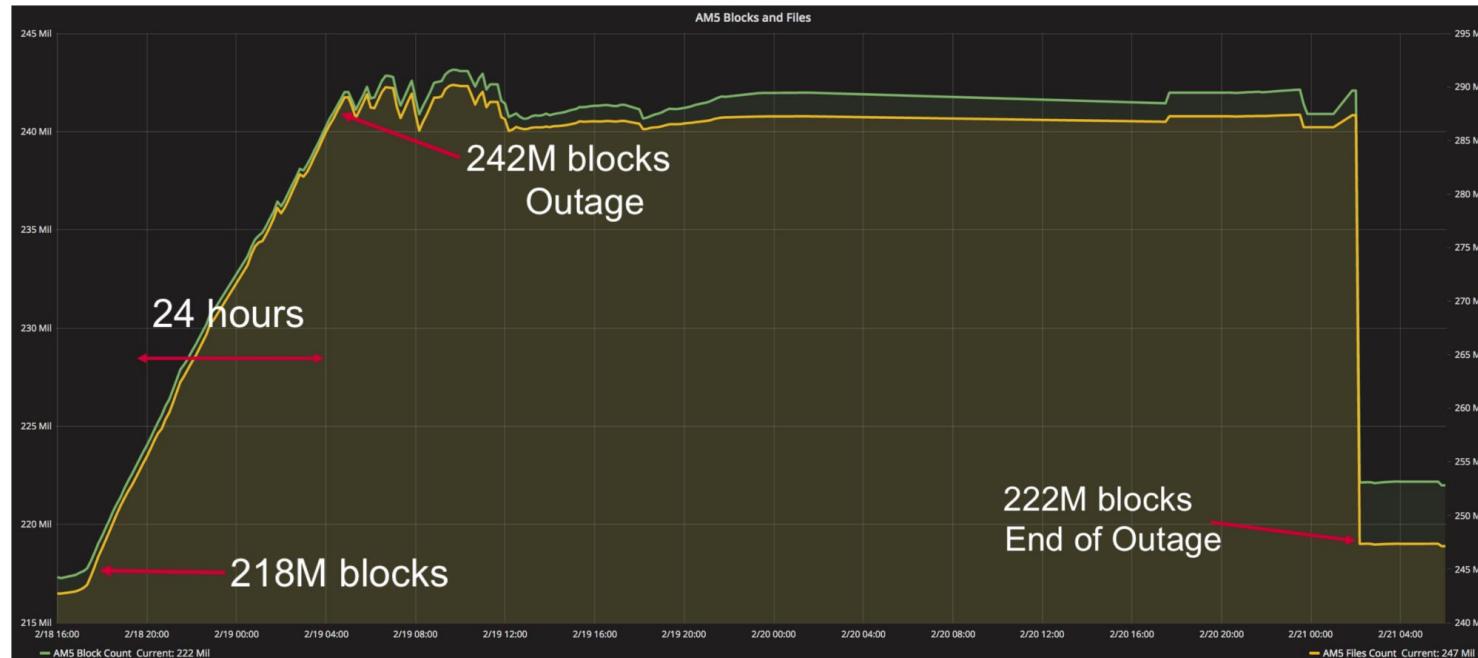


Schéma extrait de Medium : [+40PB per year – The challenge of data growth at Criteo](#)
Hadoop sous pression Retour sur une année d'exploitation à Criteo ([Rémy Saissy](#))



Conseils

Tests de performance

Monitoring des KPI OS

Observabilité / Sondes applicatives

Serveurs de délestage (backup) pour les applications critiques



NewsBlur





Attaque ? Pas de sécurisation sur la DEV->PRD

The NewsBlur Blog [Visit NewsBlur >](#)

"query killed during yield: renamed collection 'newsblur.feed_icons' to 'newsblur.system.drop.1624498448i220t-1.feed_icons'"

There is honestly no set of words in that error message that I ever want to see again. What is `drop` doing in that error message? Better go find out.

Logging into the MongoDB machine to check out what state the DB is in and I come across the following...

```
nbset:PRIMARY> show dbs
READ__ME_TO_RECOVER_YOUR_DATA  0.000GB
newsblur                         0.718GB

nbset:PRIMARY> use READ__ME_TO_RECOVER_YOUR_DATA
switched to db READ__ME_TO_RECOVER_YOUR_DATA

nbset:PRIMARY> db.README.find()
{
    "_id" : ObjectId("60d3e112ac48d82047aab95d"),
    "content" : "All your data is backed up. You must pay 0.03 BTC to
XXXXXXXXFTHISGUYXXXXXXX 48 hours for recover it. After 48 hours expiration we
will leaked and exposed all your data. In case of refusal to pay, we will
contact the General Data Protection Regulation, GDPR and notify them that you
store user data in an open form and is not safe. Under the rules of the law,
you face a heavy fine or arrest and your base dump will be dropped from our
server! You can buy bitcoin here, does not take much time to buy
https://localbitcoins.com or https://buy.moonpay.io/ After paying write to me
in the mail with your DB IP: FTHISGUY@recoverme.one and you will receive a link
to download your database dump."
}
```



Capture d'écran du post: [How a Docker footgun led to a vandal deleting NewsBlur's MongoDB database](#)



Twitch

qb twitch-leaks-part-one

Torrent Management Mode: Manual

Save at

E:\Torrent Downloads

 Remember last used save path

Torrent settings

Category: Set as default category Start torrent Download in sequential order Keep top-level folder Download first and last pieces first Skip hash check

Torrent information

Size: 125.89 GiB (Free space on disk: 819.50 GiB)

Date: Not available

Hash:

Comment:

Name	Size	Download Priority
twitch-leaks-part-one	125.89 GiB	Normal
twitch-payouts	4.88 GiB	Normal
3rdparty.zip	15.1 KiB	Normal
abuse.zip	3.9 MiB	Normal
admin-services.zip	37.2 MiB	Normal
ads.zip	1.14 GiB	Normal
ags-sonic.zip	544.8 MiB	Normal
amzn.zip	44.6 MiB	Normal
andaries.zip	22.1 KiB	Normal
archive.zip	73.2 MiB	Normal
astith.zip	810.3 KiB	Normal
availability.zip	239.0 MiB	Normal
awsi.zip	164.4 MiB	Normal
beefcake.zip	5.8 MiB	Normal
benherr.zip	3.9 MiB	Normal
blade-legacy.zip	2.67 GiB	Normal
bobbcarp.zip	382.4 KiB	Normal
bootcamp.zip	33.9 MiB	Normal

Capture d'écran : [Twitch confirms hack after source code and creator payout data leaks online](#)



Avoid HDD

Hype Driven Development ou face au code du monde réel



[Quentin ADAM](#)

CEO @ Clever Cloud
[@waxzce](#) on twitter



2018 - [Hype Driven Development - Quentin Adam](#)



Conseils

Hype-driven développement

CI/CD

DevSecOps: Tests automatique de penetration (pentest) sur des admin:admin, no password etc..

Isolation de la configuration DEV // PROD (Différent Jenkins ou Vault, Approbation manuelle)



DNS





Disaster Nominal Source





Slack



Thursday September 30, 2021

⚠ Incident

Less than 1% of users may be experiencing trouble connecting to Slack



We've confirmed this issue is now resolved. If you're still encountering any issues connecting, please reload Slack using Ctrl + Shift + R (Windows/Linux) / Command + Shift + R (Mac) on desktop, or fully quit and reopen Slack on mobile. If that doesn't help, let us know at feedback@slack.com.

If you tried switching to Google DNS during the course of this issue, you can choose to keep this enabled, or switch back using these steps:
https://developers.google.com/speed/public-dns/docs/using#switch_back_to_your_old_dns_settings

Our sincere apologies for the interruption to your work, and we appreciate you bearing with us in the meantime. We'll be back with a full summary of the issue.

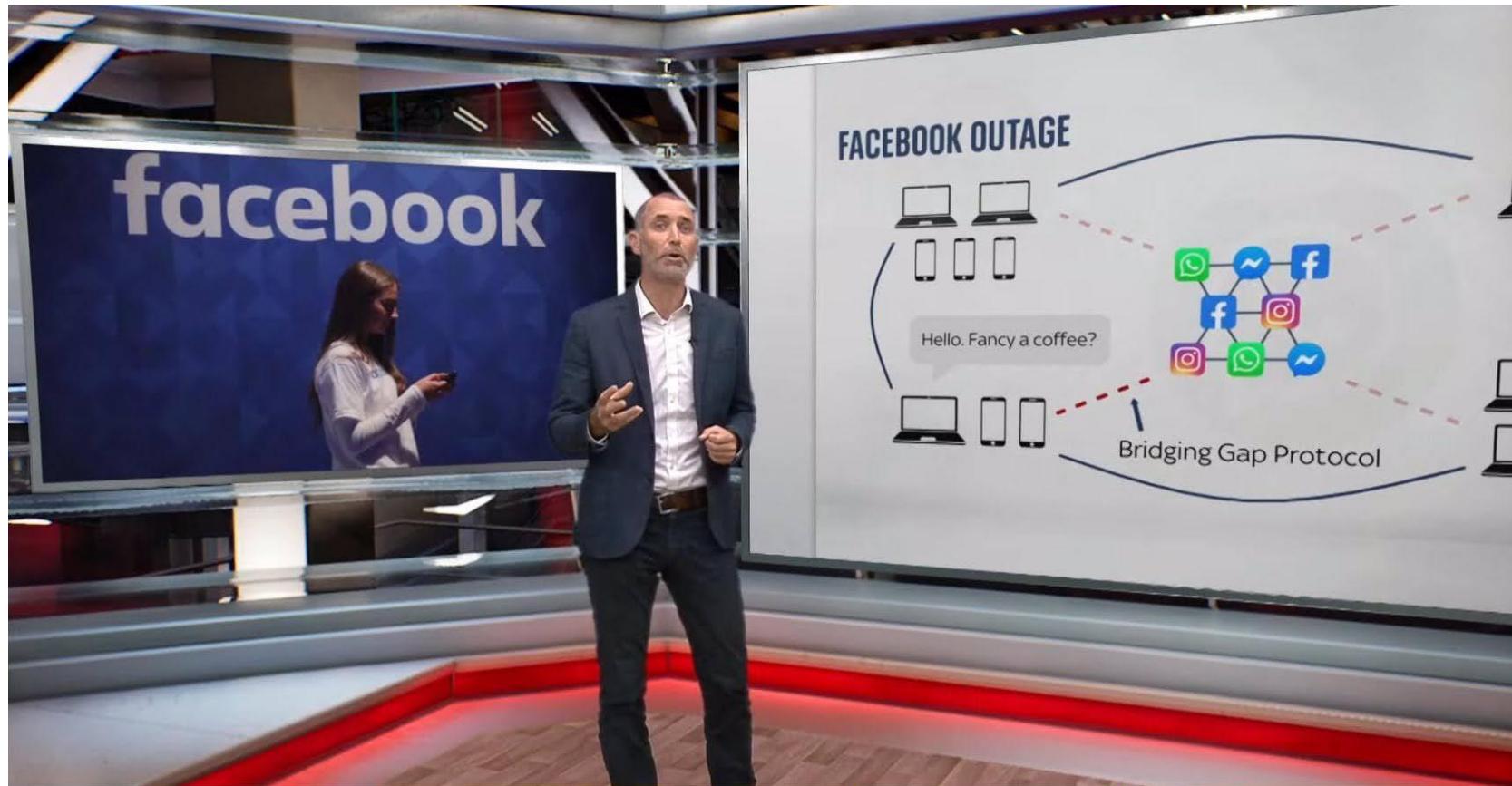
Note: We've adjusted the timestamp of this update to accurately reflect the issue's time of resolution.

Oct 1, 5:49 PM GMT+2

Apologies for the continued trouble. It will take some time for the DNS changes to resolve this issue for everyone. If organization policy permits, and if you are comfortable making this change, switching to Google DNS may improve things in the meantime. Please find guides below:

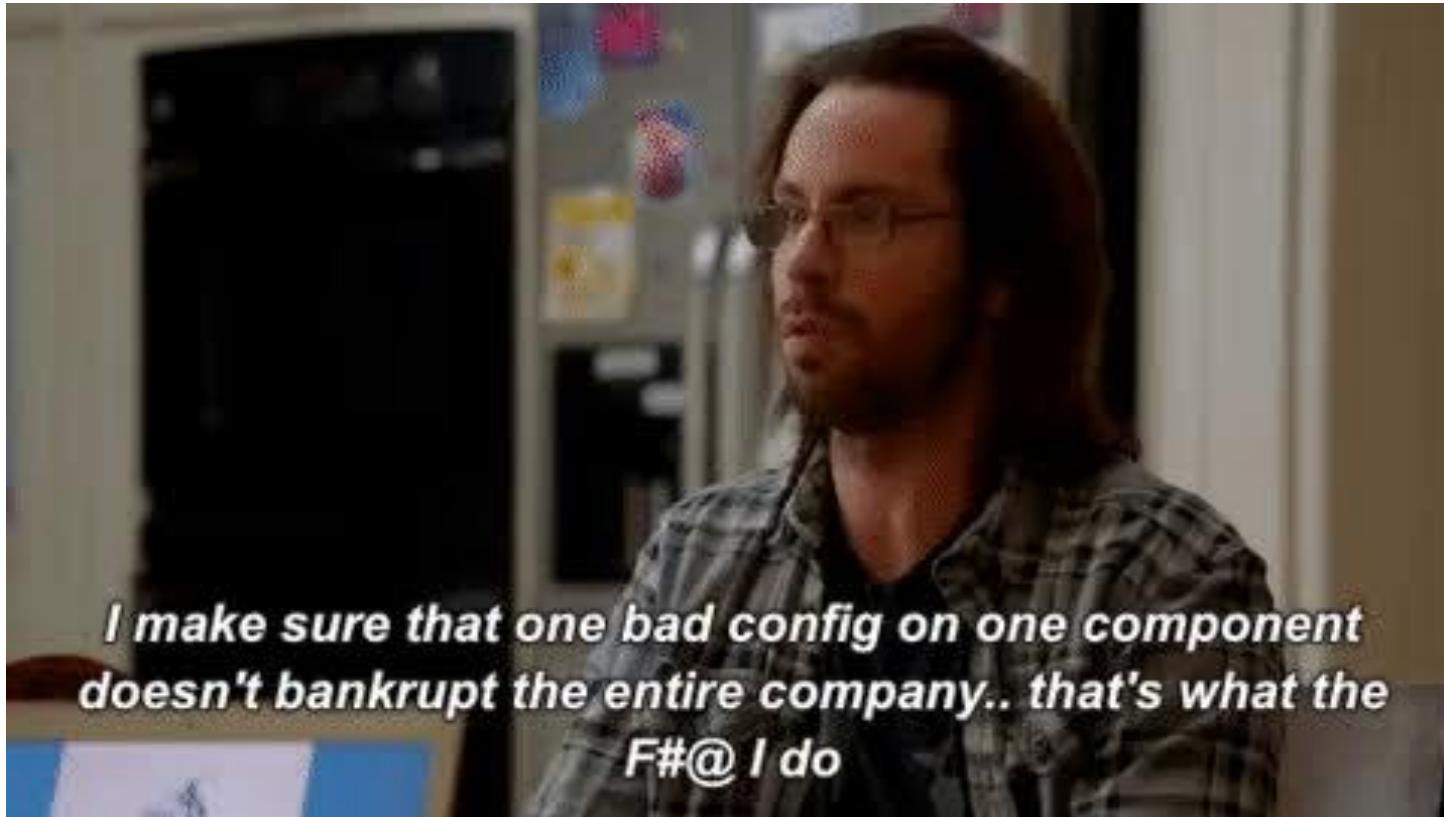


Capture d'écran du PM 30/09/2021: [Slack Status](#)





FB





Julia Evans

FAV

Tools to explore BGP

Lectures

Julia Evans @bOrk · Oct 5

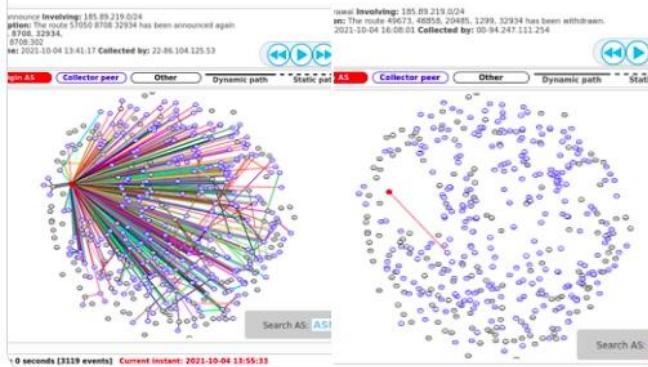
ok I think I understand it better thanks to this tweet! it's much easier to look at the route announcements right before / right after all the routes were deleted because it's a lot less messy

NAYFIELD @Nayfield · Oct 4

Replying to @Nayfield and @JaneLytv

This is connectivity of that network block before and after the configuration change.

Factual summary: The network used to be well connected to the Internet. After a config change, it's not connected. This network contains half of the DNS servers for Facebook and properties.



Mon blog

JE SUIS CHARLIE

Autres trucs

Accueil

Seulement les RFC

Seulement les fiches de lecture

La panne Facebook du 4 octobre 2021

Première rédaction de cet article le 4 octobre 2021
Dernière mise à jour le 5 octobre 2021

Aujourd'hui, Facebook a connu une panne importante. Que s'est-il passé ? On sait désormais que la cause racine était un p configuration des routeurs BGP. A-t-on des détails ?

Le message d'erreur de beaucoup d'utilisateurs :

Hum, nous ne parvenons pas à trouver ce site.

Mathis Hammel @MathisHammel · Oct 5

THREAD : Hier, une panne massive a affecté Facebook et plein de ses services (Instagram, WhatsApp, Messenger, ...)

Mais il s'est passé quoi au juste ? Je vous explique tout ça. #FacebookDown #InstagramDown



Thanks for being here, come back so
CLOUDFLARE The Cloudflare Blog Email Address

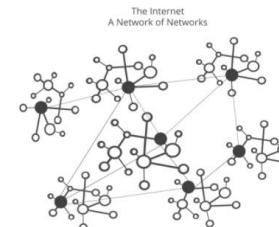
Product News Speed & Reliability Security Serverless Zero Trust Developers Deep Dive

Understanding How Facebook Disappeared from the Internet

04/10/2021

Celso Martinho

Tom Strickx



Cécile @AtaxyaN

Oct 4

Bon, on va faire un petit thread plus technique ou je vais tenter d'expliquer au fur et à mesure que je récupère des infos de vous expliquer ce qui se passe chez Facebook !

(Spoiler alert: je suis pas la plus grande experte du réseau, alors il peut avoir des choses inexactes)

Cécile @AtaxyaN · Oct 4

On peut dire que j'ai franchi un nouveau palier ?
bfmtv.com/tech/facebook-...

demandé, qui prend en réalité la forme d'une suite de chiffres baptisée adresse IP.

"Vers 15h50, Facebook a arrêté d'envoyer ses IPs au reste du monde. En conséquence, les serveurs DNS ne sont plus accessibles par les opérateurs, et donc la traduction du nom de domaine vers l'adresse IP ne peut plus se faire. Ce qui entraîne l'inaccessibilité partout dans le monde des services Facebook (Facebook, Instagram, WhatsApp)" résumé Cécile Morange, technicienne réseau, auprès de BFMTV.

Par analogie, le système de DNS d'Internet peut être assimilé à un GPS



29



515



907

GRZ
@GuillaumeRozier

Comment Facebook, Insta et WhatsApp ont pu tomber ?

Cloudflare (qui fournit un CDN très utilisé), a écrit un article complet qui détaille ce qui s'est passé hier soir.
blog.cloudflare.com/october-2021-f...

J'essaye de vous le résumer en Français #Thread

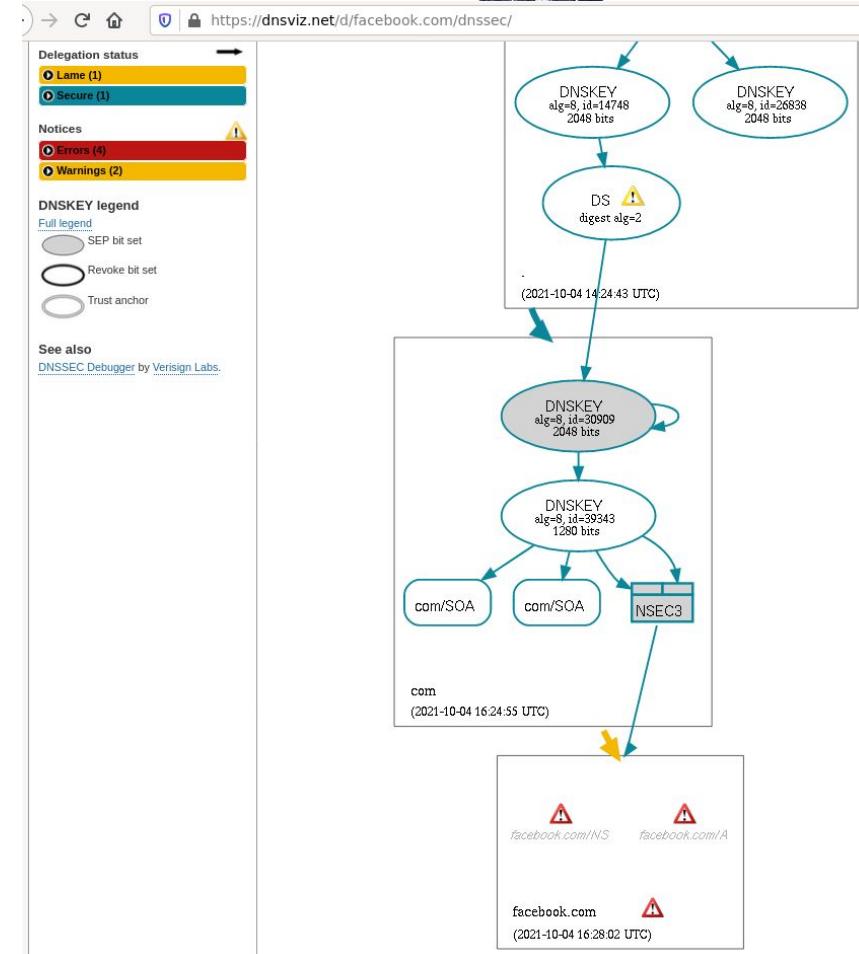
[Translate Tweet](#)



Visualisation de la requête DNS (TTL=300s)



Blog Stéphane Bortzmeyer:
[La panne Facebook du 4 octobre 2021](#)





Facebook

-5% du cours de la bourse
6 Milliards \$ (121.6B)

30x DNS queries @ Cloudflare (1.1.1.1)

A peek at [Down Detector](#) (or your Twitter feed) reveals the problems are widespread. While it's unclear exactly why the platforms are unreachable for so many people, their DNS records show that, [like last week's Slack outage](#), the problem is apparently DNS ([it's always DNS](#)). Cloudflare senior vice president Dane Knecht [notes](#) that Facebook's border gateway protocol routes — [BGP](#) helps networks pick the best path to deliver internet traffic — have been "withdrawn from the internet."

Facebook App (@facebookapp) · 6:16 PM · Oct 4, 2021

We're aware that some people are having trouble accessing Facebook app. We're working to get things back to normal as quickly as possible, and we apologize for any inconvenience.

6:16 PM · Oct 4, 2021

20.5K likes · 5.7K comments · Copy link to Tweet

Tweet your reply

[Instagram.com](#) is flashing a 5xx Server Error message, while the Facebook site merely tells us that something went wrong. The problem also appears to be affecting its virtual reality arm, Oculus. Users can load games they already have installed and the browser works, but social features or installing new games does not. The outage is thorough enough that it's affecting Workplace from Facebook customers and, [according to Jane Manchun Wong](#), Facebook's internal sites.





Facebook (cont.)

shacky003

Pointing your DNS queries to Google (8.8.8.8) or Cloudflare (1.1.1.1) isn't a solution as the article clearly states that BGP route lists were removed globally for the affected domains. It may have worked temporarily due to stale records, but it isn't a fix, as the BGP routes were removed from all public DNS providers.

If a phone number is erased from all phonebooks, getting another phonebook isn't going to help. The routes have to be refreshed/reloaded from the top down..

Posted on Oct 4, 2021 | 1:46 PM

THERE ARE 40 COMMENTS.

Pixelated

Just change it to 8.8.8.8

Posted on Oct 4, 2021 | 12:08 PM

Tommy_P

Or 1.1.1.1

Posted on Oct 4, 2021 | 12:26 PM

descendency

Tried both. Neither are showing records for facebook.

Posted on Oct 4, 2021 | 12:49 PM

mobile_phoney

Or 1-800-PP5-1-DOODOO

Posted on Oct 4, 2021 | 2:19 PM

NukedKaltak

That's not how it works.



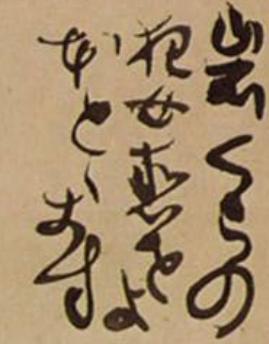


It's not DNS



There's no way it's DNS

It was DNS





Facebook IoT



Sheera Frenkel 
@sheerarf

Was just on phone with someone who works for FB who described employees unable to enter buildings this morning to begin to evaluate extent of outage because their badges weren't working to access doors.

1:51 PM · 10/4/21 · Twitter for iPhone



Captures d'écran [TheVerge](#) [4/10/21 21h14]



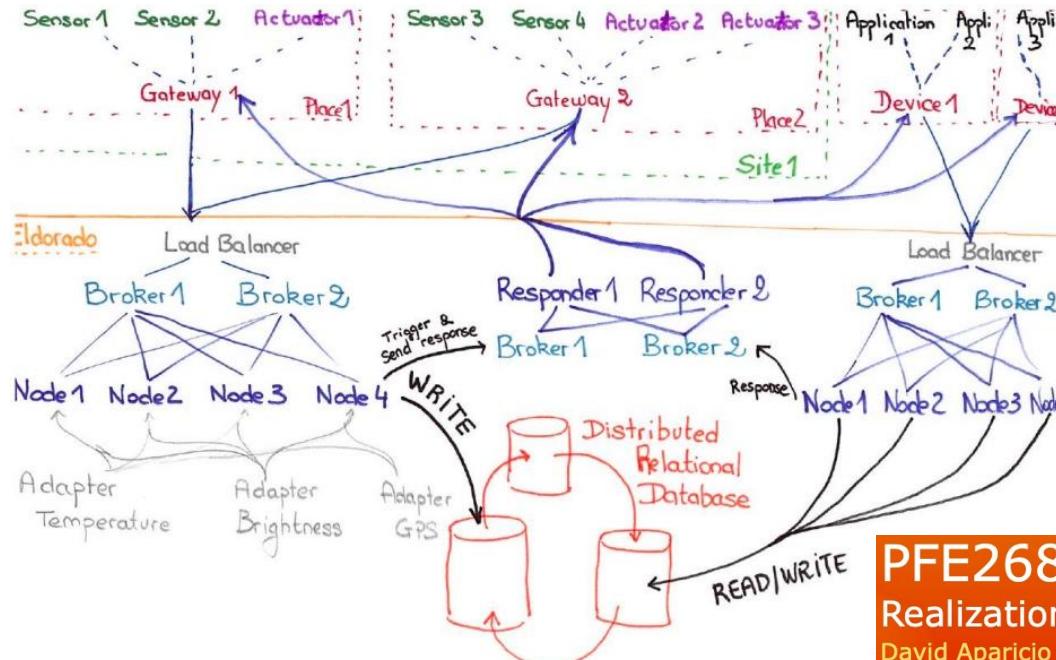
Kevin Collier 
@kevincollier

Don't yet know exactly what's behind the DNS issue that's knocked Facebook/Instagram/WhatsApp offline, but it's really bad. Pretty much everything that runs through those three companies are inaccessible. Employees can't even enter conference rooms because they're IoT!

1:07 PM · 10/4/21 · Twitter Web App



Entrypoint / Exitpoint (Separation of concerns)



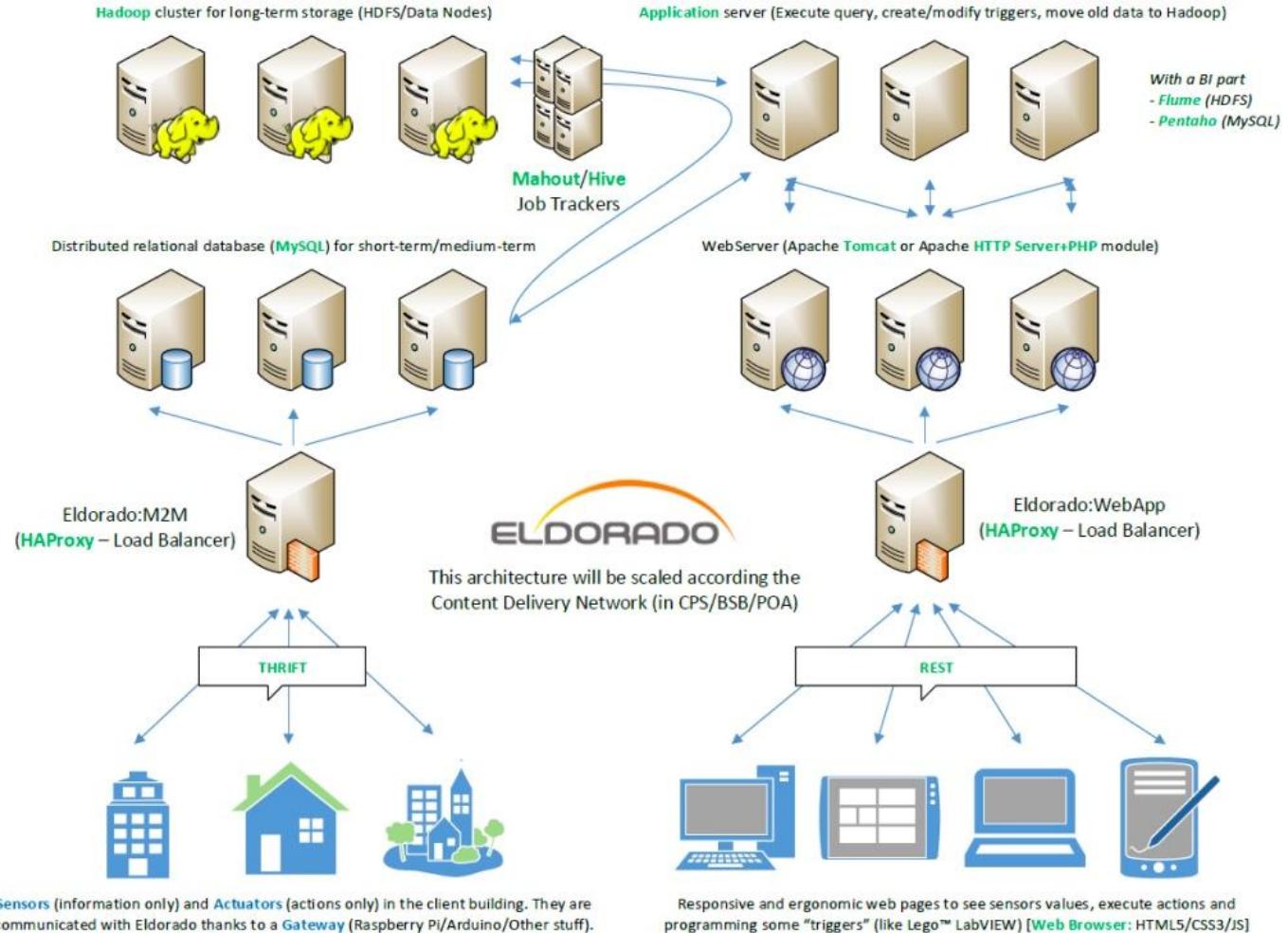
Modules: Hadoop, BI, Jobs, Loas, Billing
Capture d'écran PFE268 (2014)

PFE268 – IoT
Realization of a distributed system
David Aparicio – Institute Eldorado
August 2013 – July 2014
Presentation

ELDORADO



Channels





Conseils

Ne pas changer ses DNS (1.1.1.1) ou (8.8.8.8) de manière permanente
(car ainsi ils ont l'historique de votre navigation web)

Séparation des préoccupations

Multi-IPs et nom de domaines (au lieu de sous-domaine)

Ne pas se reposer uniquement sur les logiciels d'audit (code/ops)

QoS / Prioriser les flux importants de l'entreprise

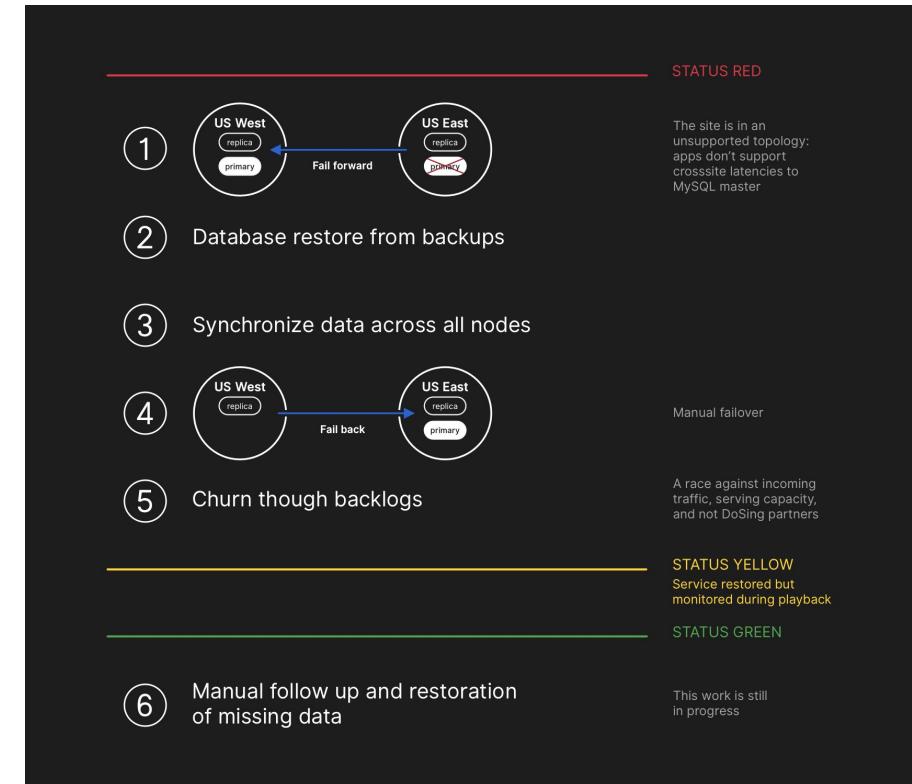
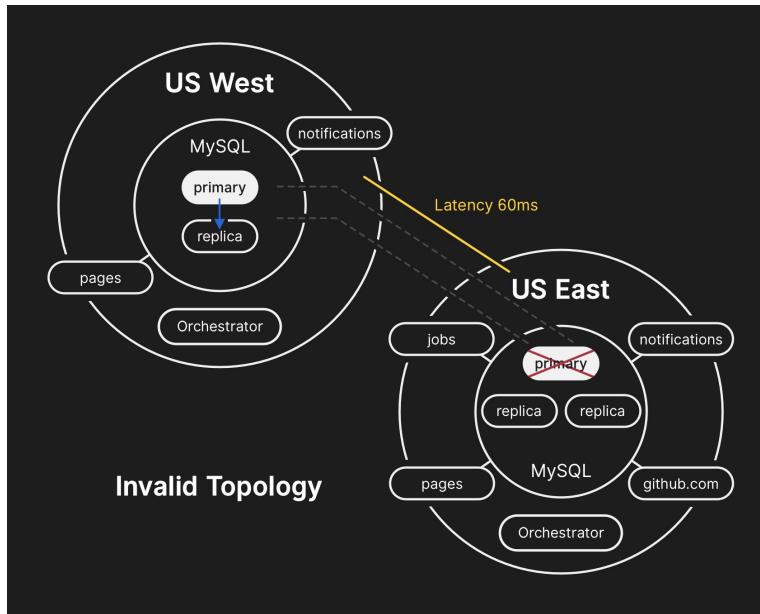


Split-Brain





GitHub



Schémas issus du blog post : [October 21 post-incident analysis](#)



Conclusion



En bref

- SRE Blameless culture / With great power comes great responsibility
- QA / Chaos tests
- Former vos équipes : Game day / Wheel of Misfortune
- Tester fréquemment vos backups & hors d'un Drive pour les données médicaux ;-)
- CI/CD & DevSecOps pipelines
- Implémenter & monitorer les metrics importantes issues des incidents (GC Pause, etc)





Wheel of Misfortune

Spin the Wheel!

Incident 1
Incident 2
Incident 3
Incident 4
Incident 5
Incident 6
Incident 7
Incident 8

SPIN

← You've received alerts of high HTTP 5xx error rate...

Incident Actions

ACKNOWLEDGE

MITIGATE

TRIAGE

Incident Progress

0%

Timing Controls

00:00:00

▶ ⏴ Lap



Capture d'écran de la "Roue de la malchance": <https://dastergon.gr/wheel-of-misfortune/>



Entreprise / Incident	Date
AWS / Drop database https://aws.amazon.com/message/680587/	24/12/2012
Gitlab / Drop database https://about.gitlab.com/blog/2017/02/10/postmortem-of-database-outage-of-january-31/	31/01/2017
DigitalOcean / Drop database https://www.digitalocean.com/blog/update-on-the-april-5th-2017-outage/	05/04/2017
OVHCloud / Watercooling https://blog.ovh.com/fr/blog/hebergements-web-post-mortem-incident-29-juin-2017/	29/06/2017
Criteo / Datalake HDFS limits + Friday night & New-comer on-call https://medium.com/criteo-engineering/40pb-per-year-the-challenge-of-data-growth-at-criteo-5d5b73ec5294	18/02/2018
GitHub / DataBase Split Brain https://github.blog/2018-10-30-oct21-post-incident-analysis/	30/10/2018
ElasticCloud / Proxy Layer+Zookeeper https://www.elastic.co/blog/elastic-cloud-january-18-2019-incident-report	18/01/2019
CleverCloud / Orages à Paris (Redondance/Dépendance au network provider) https://www.clevercloudstatus.com/incident/376	22/06/2021
NewsBlur / Docker PROD DB exposé sur le net, sans mot de passe https://blog.newsblur.com/2021/06/28/story-of-a-hacking/	23/06/2021
Slack / DNS, pas de post-mortem pour le moment https://status.slack.com/2021-09-30	30/09/2021
Facebook / BGP operations https://engineering.fb.com/2021/10/04/networking-traffic/outage/	04/10/2021



Vouchers



ESSAI GRATUIT PUBLIC CLOUD
Profitez maintenant de 30 € de crédit offert* avec le code : CLOUD
[Commencer](#)



ESSAI GRATUIT AI NOTEBOOKS

Profitez d'un crédit offert* de 70€ pour démarrer votre notebook Jupyter ou VS Code en quelques minutes ! **Code : AI-NTBK21**

[En profiter](#)



Avez-vous des questions ?

👤🔊 N'oubliez pas de me donner votre avis sur cette session:

📄 <https://s.42l.fr/iaas>

👍 Rejoignez-nous sur <https://careers.ovhcloud.com>





**Merci
pour
votre
attention !**

