Migration: Facks or arc macture

Aurelijus Banelis

VilniusPHP 2019-07-04



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What we can earn from

migrations

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How

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How

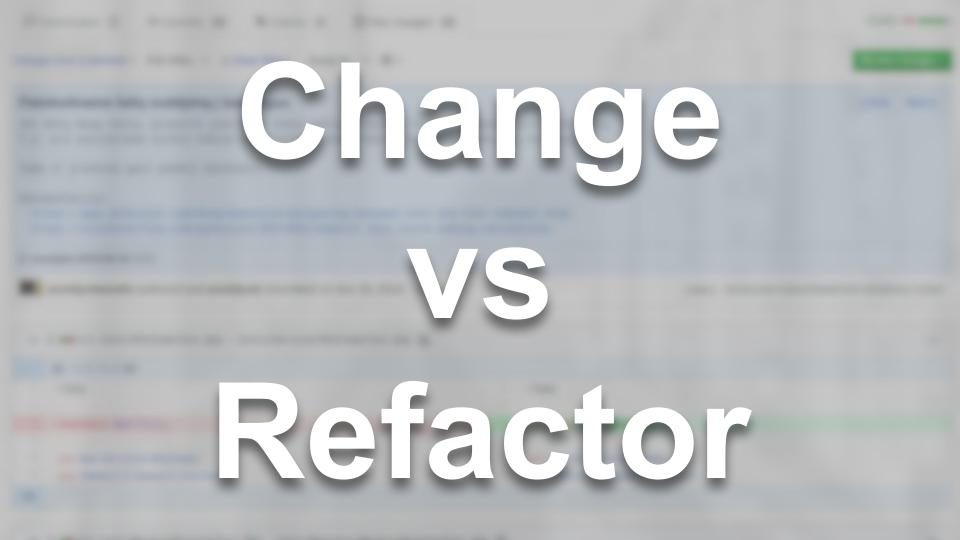
To change To test Wait during switch

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A lot of

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Illustration: www.minecraft.net

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Illustration: www.minecraft.net

Complex refactoring For business

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Showcase Themes Plugins Mobile Support GetInvolved About Blog Hosting

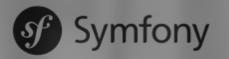
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Getenoney

Download WordPress and use it on your site.

Download WordPress 5.2.2

Download .tar.gz



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Start reading →

How do people feel a Needer to Change what makes a server employee, and how to win in the experience economy.

Slow parts





Intelligent Enterprise Experience Management Small and Midsize Businesses





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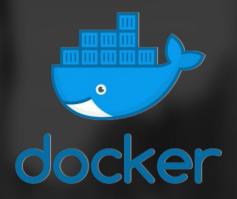
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Dependencies



Ifs in kerne

Database



Rename + triggers







123.99.88.77

DNS



DNS



123.45.78.90



123.99.88.77

internal.example.com

*.example.com



123.45.78.90



internal.example.com

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*.wildcard



Network



Network



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Hacks to overlap To test Wait during switch

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Getting Started

- Setup
- Creating Pages
- Routing
- Controllers
- Templates
- Configuratio

Guides

Components

Training

Certification

Master Symfony fundamentals

Be trained by SensioLabs experts (2 to 6 day sessions -- French or English). training.sensiolabs.com

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You are browsing the **Symfony 4 documentation**, which changes significantly from Symfony 3.x. If your app doesn't use Symfony 4 yet, browse the Symfony 3.4 documentation.

Debug Configuration Reference (DebugBundl but est on the ome et om appl or All t e o ins e con tre inde te t of the ome

displays the default config values defined by Symfany

php bin/console config:dump-reference debug

When using XML, you must use the http://symfony.com/schema/dic/debug namespace and the related XSD schema is available at: https://symfony.com/schema/dic/debug/debug-1.0.xsd

Configuration



THE CODE WHISPERER

Your code is trying to tell you something.

Golden Master

I use *Golden Master* to help me detect changes in the behavior of a system when I can't justify writing the typical kind of assertion that you've grown used to seeing in tests. I use this trick, for example, when I find it difficult to articulate the expected result of a test. Imagine a function whose output consists of an image. It happens quite often that a binary comparison between actual and expected result yields a *hyperactive*

<ks to

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that, and t insp comp I take -I call that the golden master—ar

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future use. When I run the test again, I compare the output to the golden master, and if they match, then the test passes; if they don't match, then the test fails. This doesn't make the code wrong, but it means that I need to check the result and decide whether



you find the form of that output particularly challenging. With this technique, you simply diff the output and inspect the situation only when you find differences between the

you can capture, then you have the tools to use this technique.

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current test run and the golden master. If your system already sends text to an output stream that you can capture, then you have the tools to use this technique.

All accounts > All accounts > All accounts > All All Web Site Data -

Q Try searching "Pageviews in last 30 days"

A :: 0

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Customisation							
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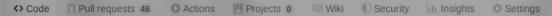
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Amazon SNS

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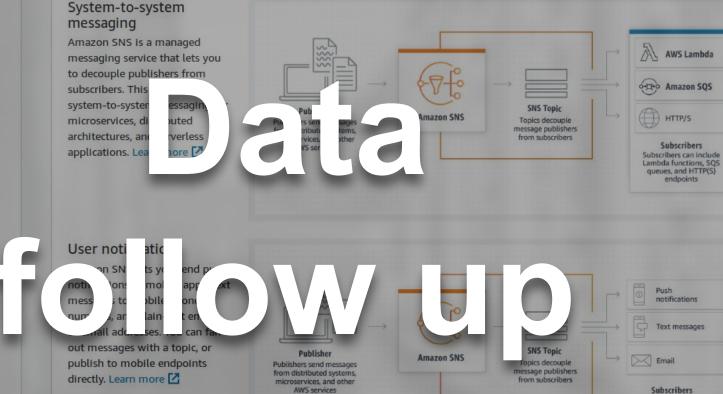
Dashboard

Topics Subscriptions

▼ Mobile

Push notifications

Overview of Amazon SNS

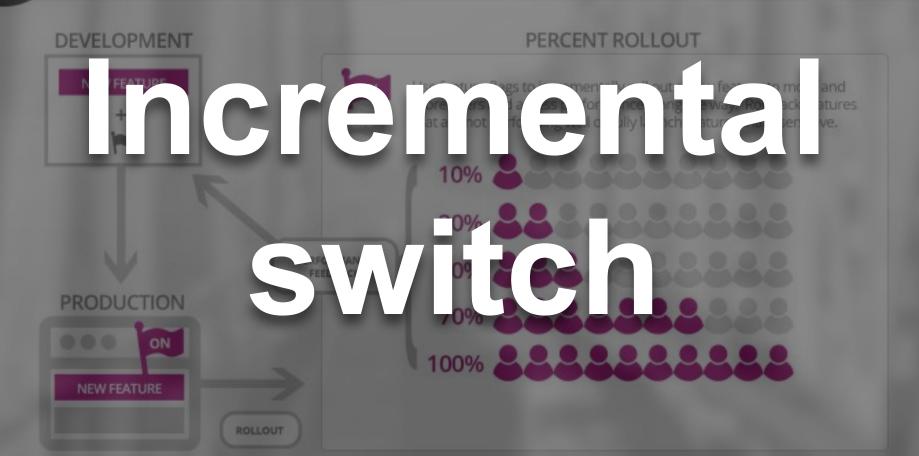


Subscribers can include mobile apps, mobile phone numbers, and email addresses



Feature Flag Rollouts

ncrementally release a new feature to your users.

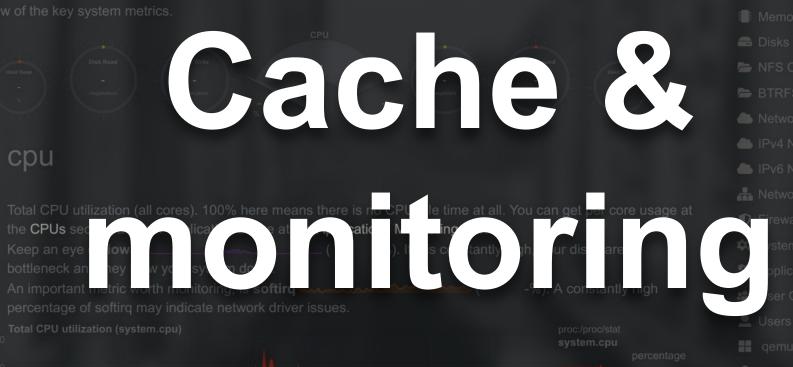


user

Firewall (netfilter)

System Overview

costa-pc





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Availability Complexity Data integrity



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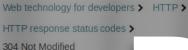
Future

304 Not Modified

Languages



Jump to: Status Specifications Browser compatibility Compatibility Notes See als



Related Topics

HTTP

Guides:

- Resources and URIs
- HTTP guide
- HTTP security

HTTP access control (CORS)

HTTP authentication

HTTP caching

HTTP compression

HTTP conditional requests

HTTP content negotiation

ITTD analian



Specifications @

AWS CloudFormation

User Guide (API Version 2010-05-15)

Documentation - This Guide	~	
Search	٩	

Q

- What is AWS CloudFormation?
- 🗄 Setting Up
- Getting Started
- Best Practices
- G Continuous Delivery
- Working with Stacks
- 🚦 Using the Console
- 🚦 Using the AWS CLI
- Stack Updates
- Update Behaviors of Stack Resources
- Modifying a Stack Template
- Updating Stacks Using Change Sets
- Creating a Change Set
- Viewing a Change Set
- Executing a Change Set
- Deleting a Change Set
- Example Change Sets
- Updating Stacks Directly
- Monitoring Progress
- Canceling a Stack Update
- Prevent Updates to Stack Resources
- Continue Rolling Back an

AWS Documentation » AWS CloudFormation » User Guide » Working with Stacks » AWS CloudFormation Stacks Updates » Updating Stacks Using Change Sets

Updating Stacks Using Change Sets

Set

When you need to update a stack, understanding how your changes will affect running resources before you implement them can help you update stacks with confidence. Change sets allow you to preview how proposed changes to a stack might impact your running resources, for example, whether your changes will delete or replace any critical resources, AWS CloudFormation makes the changes to your stack only when you decide to execute the change set, allowing you to decide whether to proceed with your proposed changes or explore other changes by creating another change set. You can create and manage change sets using the AWS CloudFormation console, AWS CLI, or AWS CloudFormation API.

Topics

Execu

Delet

Exam

Creating a Chap
 Siewing a Chap

Change sets don't indicate whether AWS CloudFormation will successfully update a stack. For example, a change set doesn't check a stack pass an account limit, if you're updating a resource that doesn't support updates, or if you have insufficient permissions to modify a resource, all of which can cause a stack update to fail. If an update fails, AWS CloudFormation attempts to roll back your resources to their original state.



1. Create a change set by submitting changes for the stack that you want to update. You can submit a modified stack template or modified input parameter values. AWS

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Few people to operate Visitor engagement

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Lessons from 6 software rewrite stories

A new take on the age-old question: Should you rewrite your application from scratch, or is that "the single worst strategic mistake that any software company can make"? Turns out there are more than ty options for leal with a mature college. Herb c will Follow Herb c will Follow

micrate

Service 👻	Access level	Resource			Request condition	
Allow (10 of 97 services)						
Auto Scaling	CCess	All resources			None	
DynamoDB	- If acce	ar mo 12	337 - Sal -	nuz	те	
EC2	F) is mineu ries Mrite	A sources			2	
EFS	un acceso	aman asticfilooystem:*.	12222 12 file-53	201750	none	
Elasticsearch Service	Full: List Limited: Read, Write	All resources			None	
EMR	Full access	All resources			None	
IAM	Limit st, t	All resources			aws:Sourcelp IP Address 192.0.0.8	
Lambda	Full t, Rend I for te				None	
RDS	Full a	ama ardsa 112 3333	ib/n QL inc		None	
S3	Limited: List, Permissions management	am:aws:s3:::DataTeam			s3.prefix string like Sales/*	
Service 🔻	Access level		Resource	Request	condition	
Allow (10 of 94 services)						
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CloudWatch Logs	es		Mult :	one		
EC2	Full: List Limited: Rea	d	All resources	None		
	_					

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Why

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change sets to update a stack:

opuating statetes using

Future

3. (Optional) Create additional change sets

Ease of migration is the best metric for your architecture

hank you **Questions?**

Aurelijus Banelis



Want to join my team? Ping me – split bonus

Further reading/references

- https://medium.com/@herbcaudill/lessons-from-6-software-rewrite-stories-635e4c8f7c22
- <u>https://github.com/tomnomnom/gron</u>
- <u>https://docs.aws.amazon.com/acm/latest/userguide/acm-certificate.html#wildcard</u>
- https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Route_Tables.html#route-tables-nat
- <u>https://developer.mozilla.org/en-US/docs/Web/HTTP/Status/304</u>