
Shelly Cloud, Heroku & EngineYard

Pros & Cons

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That's not a battle

It's not about which one is better.. it's all about showing the pros & cons of those platforms..

In the end.. it's up to you to choose the right one!

Cloud Computing?

Pay-per-use (or pay-as-you-go)

On-demand

Computing resources

So what are those services?

Delivering platform as a service

Deployments are done by pushing with git
Competence needed? No! It's simple as that!

What is PaaS?

DIY	IaaS	PaaS	
Applications	Applications	Applications	
Application Data	Application Data	Application Data	
Databases	Databases	Databases	
Runtime	Runtime	Runtime	
Middleware	Middleware	Middleware	Managed by Customer
Operating Systems	Operating Systems	Operating Systems	Managed by Vendor
Virtualization	Virtualization	Virtualization	
Servers	Servers	Servers	
Storage	Storage	Storage	
Networking	Networking	Networking	

Example of git push at ShellyCloud

```
$ git push myapp-production master
Counting objects: 74, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (47/47), done.
Writing objects: 100% (47/47), 5.60 KiB, done.
Total 47 (delta 39), reused 0 (delta 0)
remote:
remote: ---> Received push to cloud 'myapp-production'
remote: ---> Checking Gemfile
remote: ---> Deploying your application
remote:
remote: ---> Deployment on server app1 started
remote: ---> Deployment on server app1 finished
remote:
remote: ---> Deployment successful
To git@git.shellycloud.com:myapp-production.git
   9ce50af..00a4ab4  master -> master
```

Example of git push at Heroku

```
$ git push heroku master
-----> Heroku receiving push
-----> Rails app detected
-----> Compiled slug size is 8.0MB
-----> Launching... done, v1
http://sushi.herokuapp.com deployed to
Heroku
```

Example of git push at EngineYard

Either through the web dashboard or CLI

1. GUI:

Git Repository URI

Enter the git URI where the application source code is stored.



2. CLI:

```
ey deploy --environment='example_production' --app="new_rails_app" --account="Example"
```


Aim

Hide all administration stuff

Developers focus on building application and not on deployment nor infrastructure

Management via command line tool

shelly - cli for ShellyCloud

heroku-toolbelt - cli for Heroku

ey (engineyard gem) - cli for EngineYard

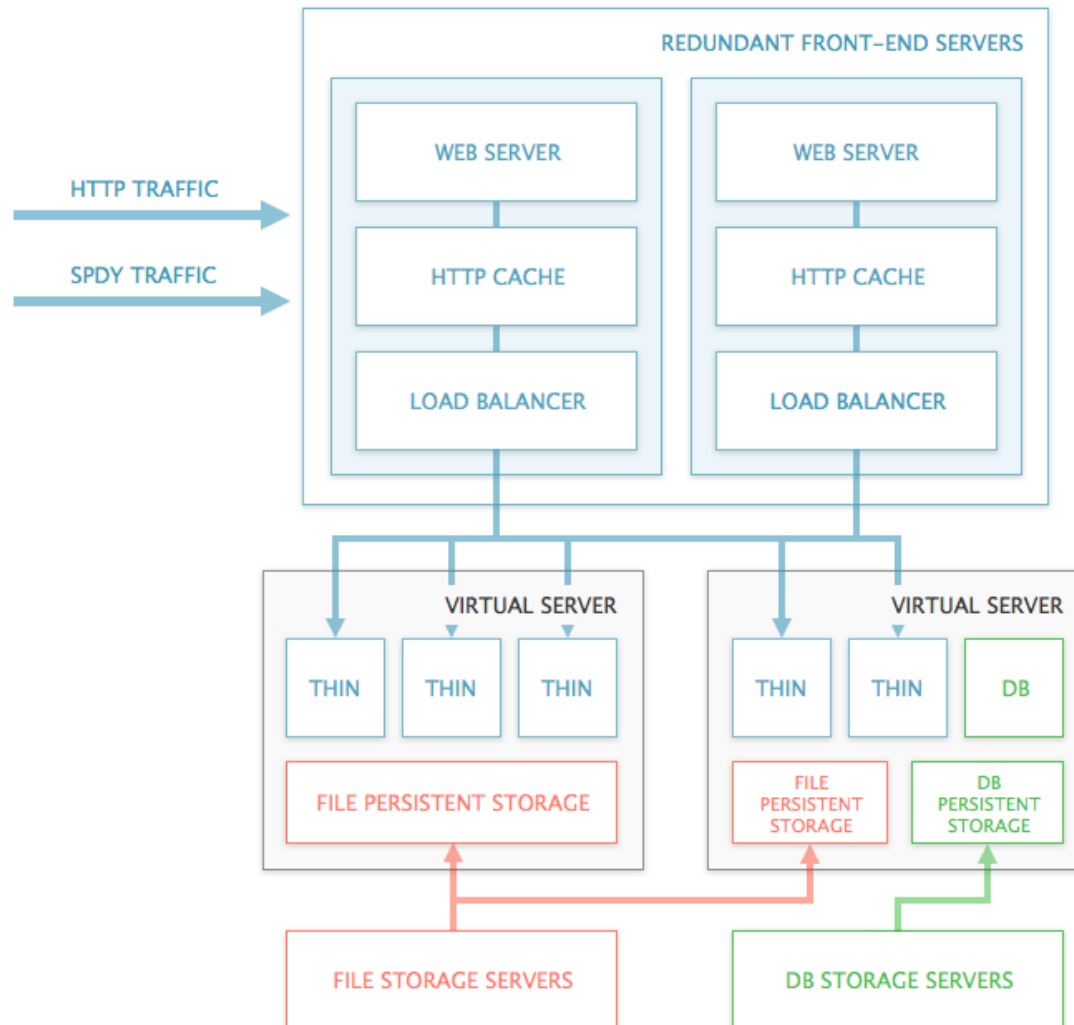
Infrastructure management

Cloudfile in ShellyCloud

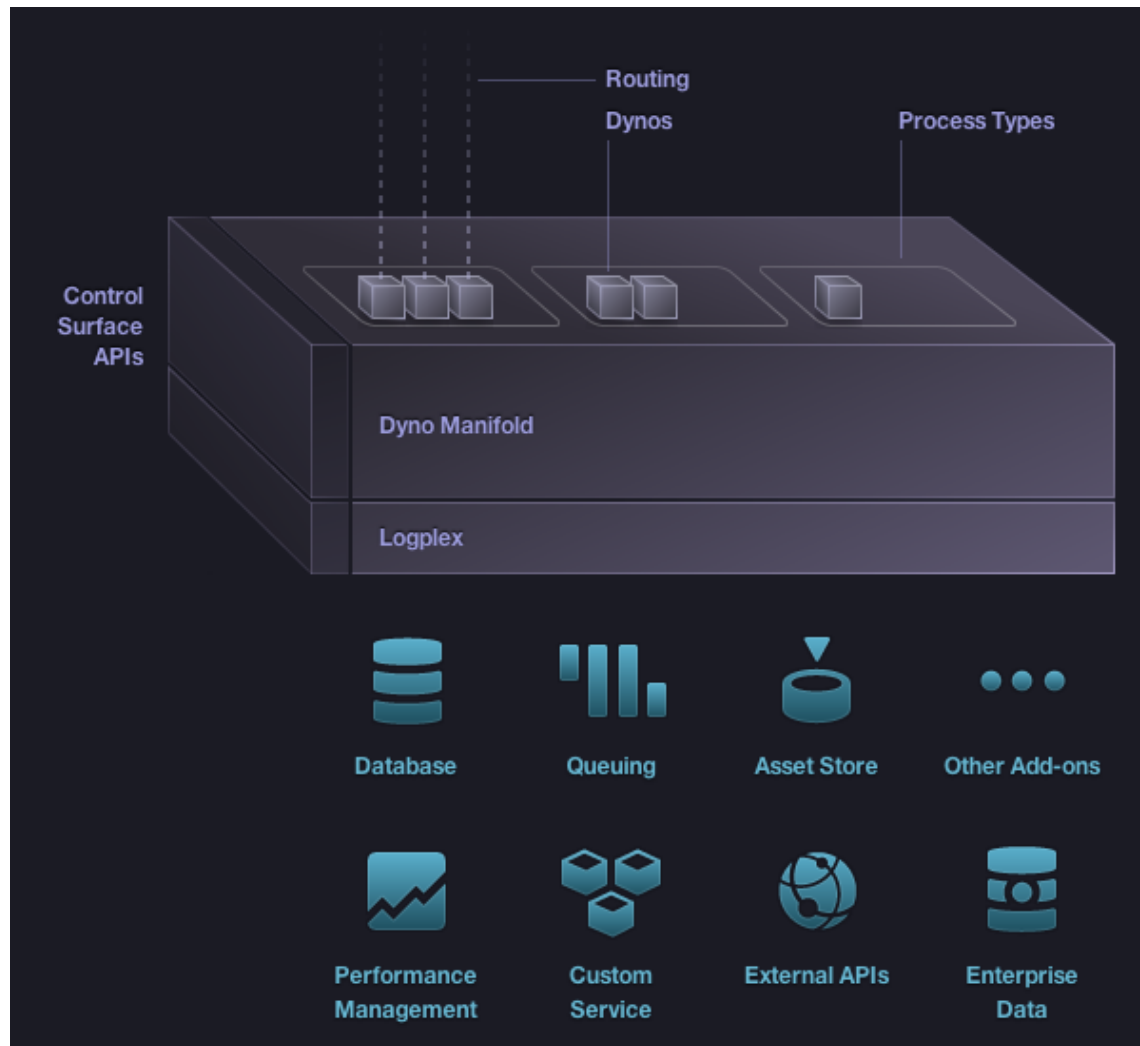
Web based, Procfile - in Heroku

Web based, API (now in beta, coming soon) - in
EngineYard

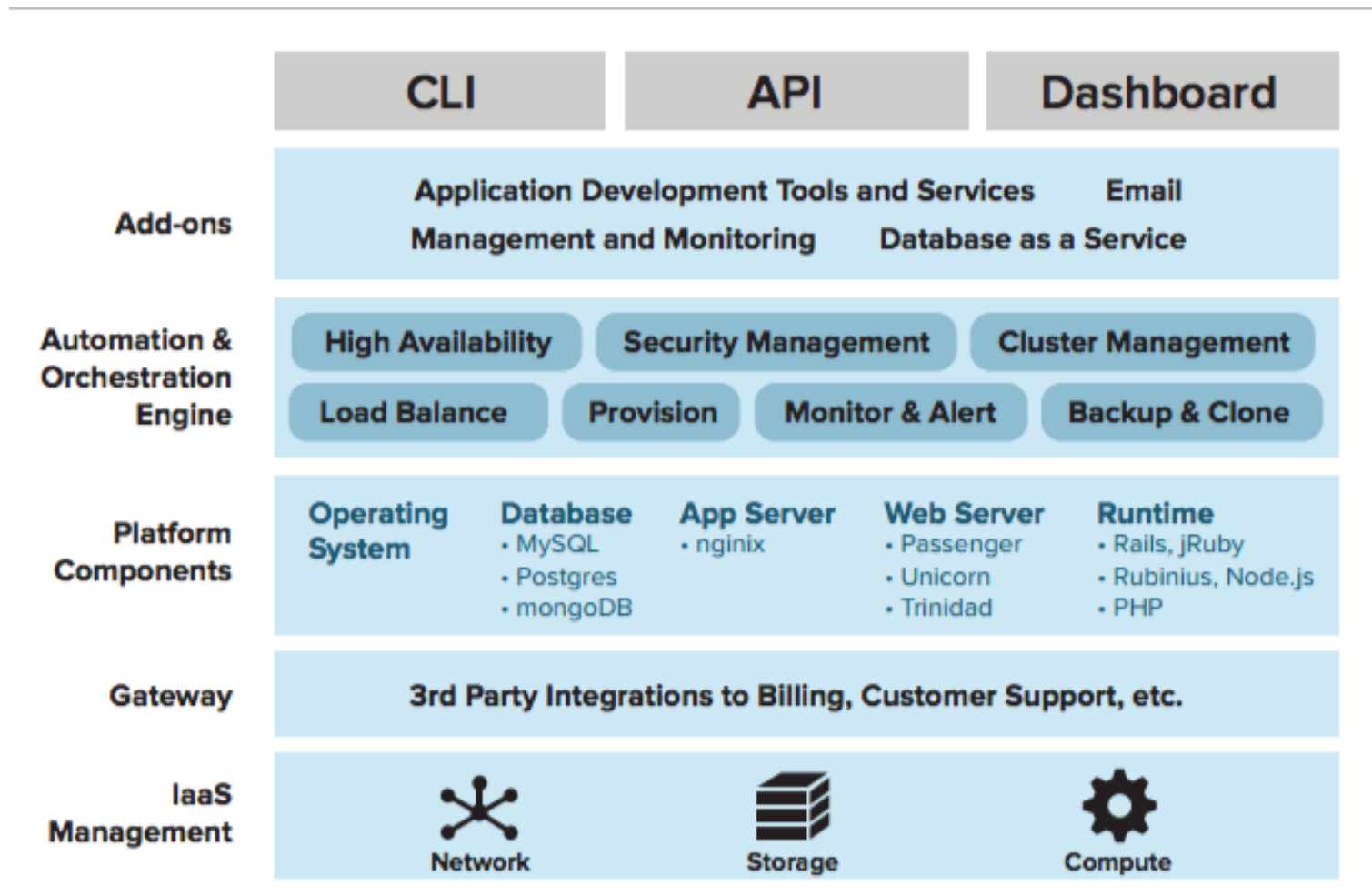
ShellyCloud architecture



Heroku architecture



Engine Yard architecture



Pricing

Heroku

- per process / worker

EngineYard

- per instance

Shelly Cloud

- per instance
-

Supported languages

Heroku supports many platforms: **Ruby, Java, Python, Clojure, Scala, Node.js**

EngineYard supports: **PHP, Ruby, Node.js**

ShellyCloud is **Ruby** oriented.

FREE plans

Application with only 1 worker is always **FREE** at Heroku.

Engine Yard has a free trial, that offers 500 free Hours

ShellyCloud offers 20 credit for the first cloud, that's 1 month for FREE.

File storage

Storing files at Shelly Cloud local storage shared among all app instances

Heroku you need S3 (simple storage service)

EngineYard attaches separate EBS Volume to every instance. Snapshots and Backups are automatically uploaded to designated S3 bucket. You can use your own S3 Bucket as well.

Sending emails

ShellyCloud provides already configured mail servers

Heroku external service has to be used, i.e. *"Sendgrid"*

EngineYard external service in form of addons has to be used, i.e. *"Sendgrid"*, *"Mailgun"*

Databases supported

ShellyCloud - PostgreSQL, Redis, MongoDB

Heroku - PostgreSQL, MySQL, Redis,
MongoDB

EngineYard - PostgreSQL, MySQL, Riak,
MongoDB, Redis

DEMO

Shelly Cloud

DEMO

Heroku

DEMO

EngineYard

Redeem code for conference attendees from ShellyCloud

Code: RUBYCONFLT13

Valid for: 1 month

Questions?

Thank You

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