Deploying with Heroku

Sarai Rosenberg

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missile cat

is ready for deployment

HACKBRIGHT ACADEMY

The Engineering School for Women

What is Heroku?

IaaS:

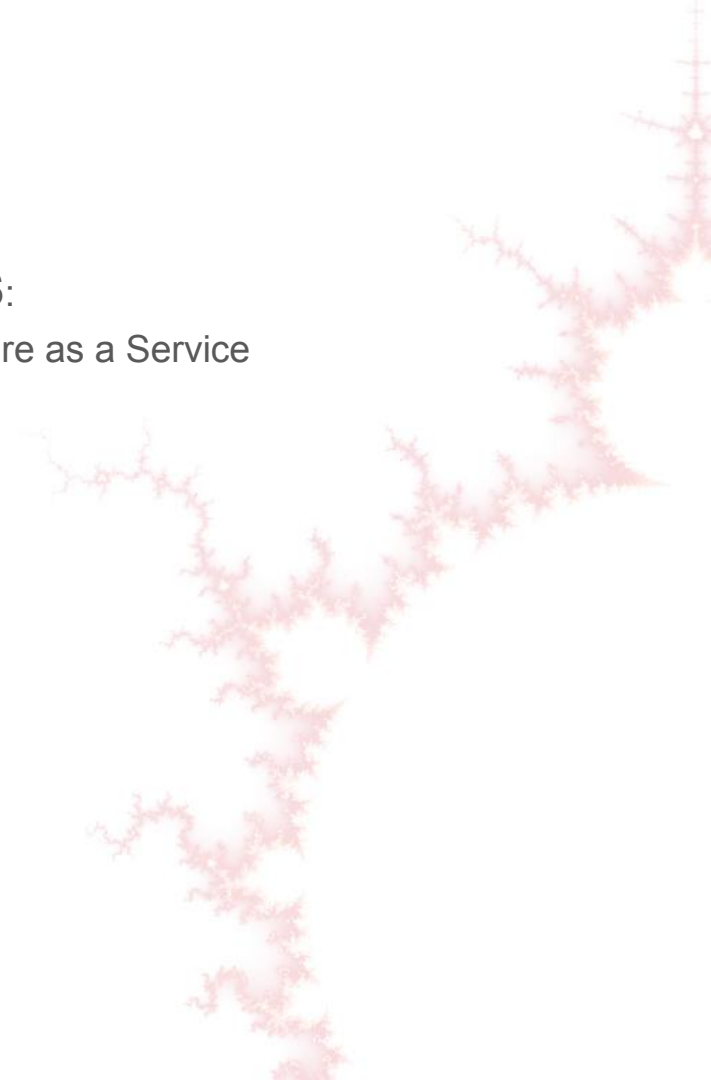Infrastructure as a Service

PaaS:

Platform as a Service

e.g., Heroku

SaaS:

Software as a Service

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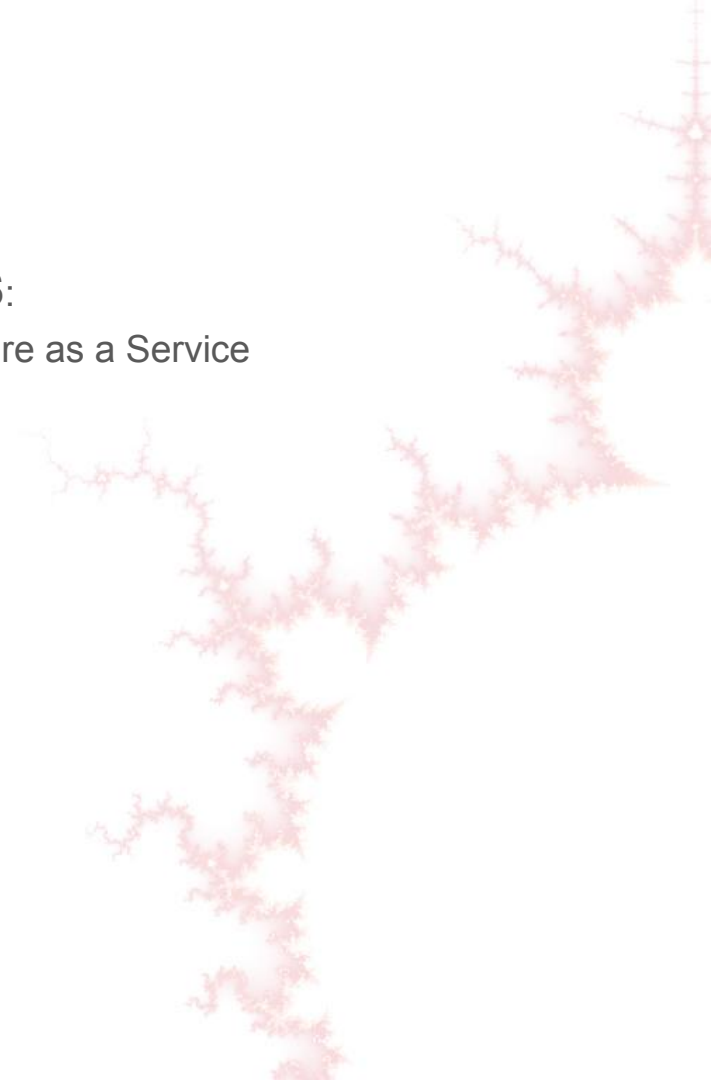Infrastructure as a Service

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Service manages:

- Networking
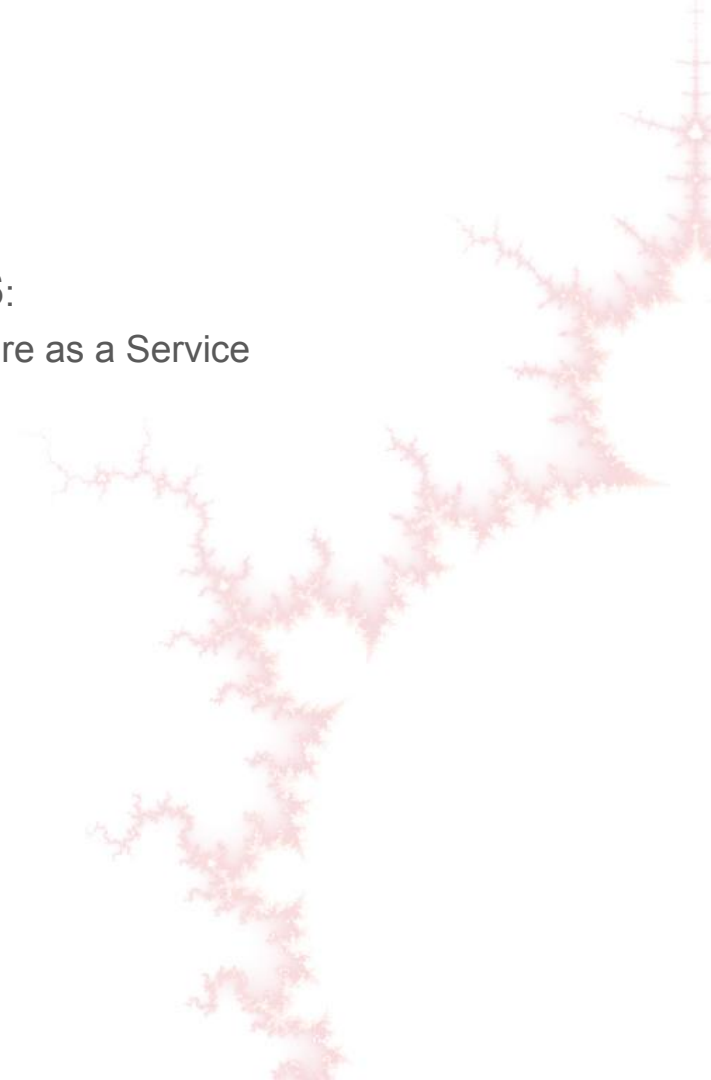- Servers

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- O/S
- Middleware
- Data
- Applications

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Why use Heroku?

- Automated deployment
- Add-ons like PostGRES, MongoDB, SendGrid, Heroku Scheduler
- Logging and monitoring
- Scalability

Who uses Heroku?

- I do!
- You can!
- Macy's, Soylent, Toyota, Westfield Mall

How to use Heroku?

- Create a free Heroku account
- Download the Heroku CLI
- Write an app!
  - (Python, Node.js, Ruby, Java, Scala, Clojure, PhP, or Go)
  - `pip freeze > requirements.txt`
  - Write a "Procfile" (e.g., "web: python server:app"
  - Then...

```
$ heroku login
$ heroku create
$ git push heroku master
```

References

- https://devcenter.heroku.com/articles/getting-started-with-python

Sarai Rosenberg

Slides: talks.sar.ai

Website: sar.ai