Integrating Lambda & Other AWS Services

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SOLUTIONS ARCHITECT

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Outline

Resources

- AWS Simple Email Service (SES)

- Amazon Simple Storage Service (S3)

- Skeleton code (Cuckoo)

- Other resources

Deployment

- Create a new function package

- Scheduled Event configuration - Cron

Amazon Simple Email Service (SES)
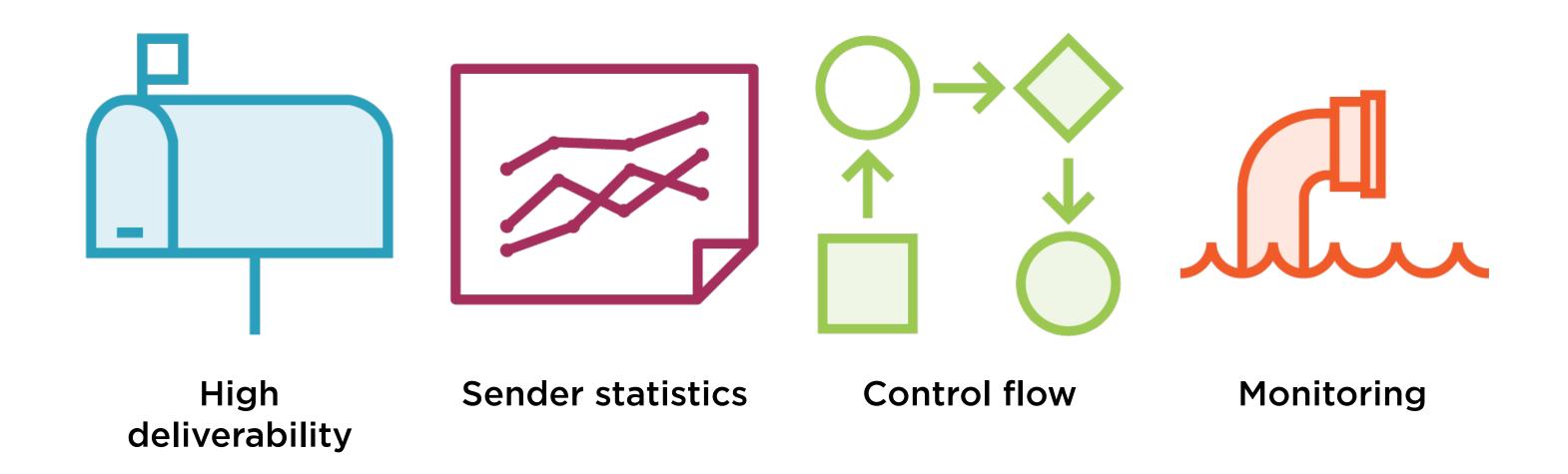
**Inbound mail**
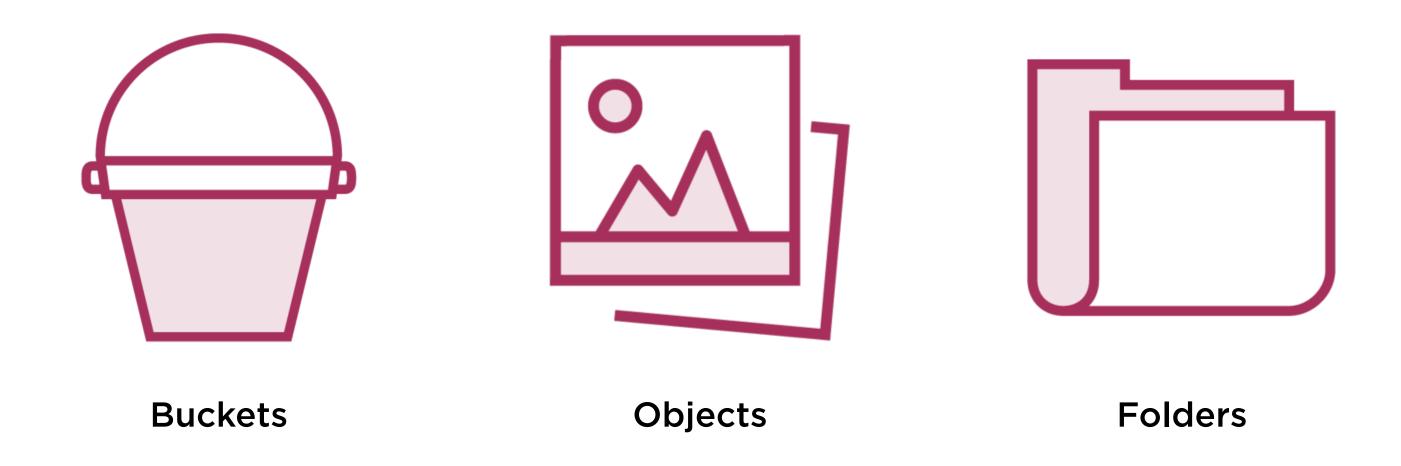
Outbound mail

Benefits of SES

**High deliverability**

Sender statistics

Control flow

Monitoring

Amazon Simple Storage Service (S3)

Buckets

Objects

Folders

Benefits of S3

Scalability **Integration** **Simplicity** **Availability**
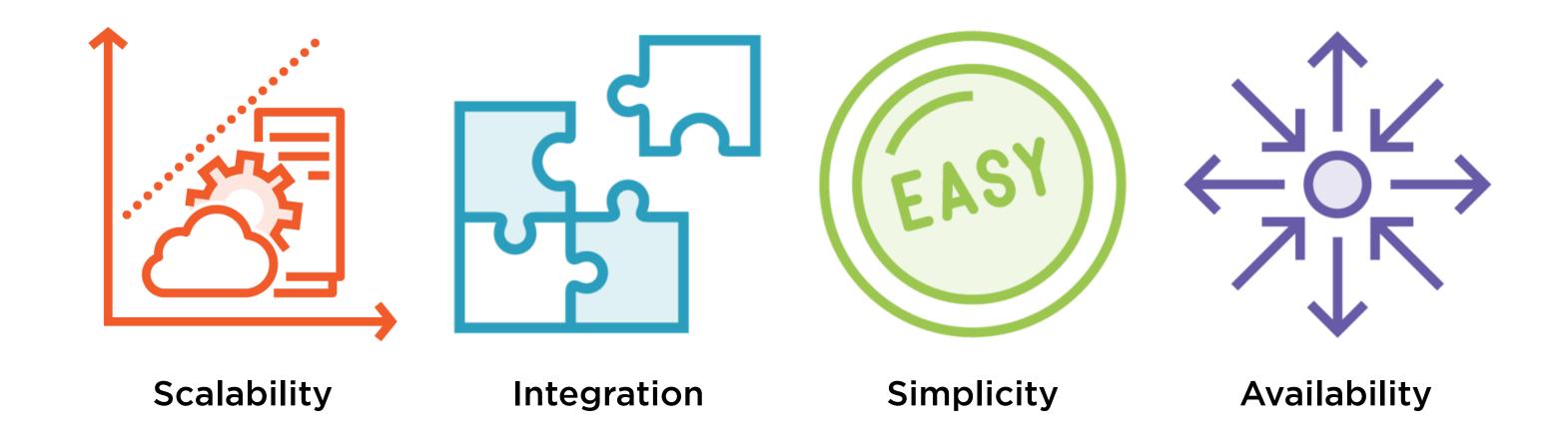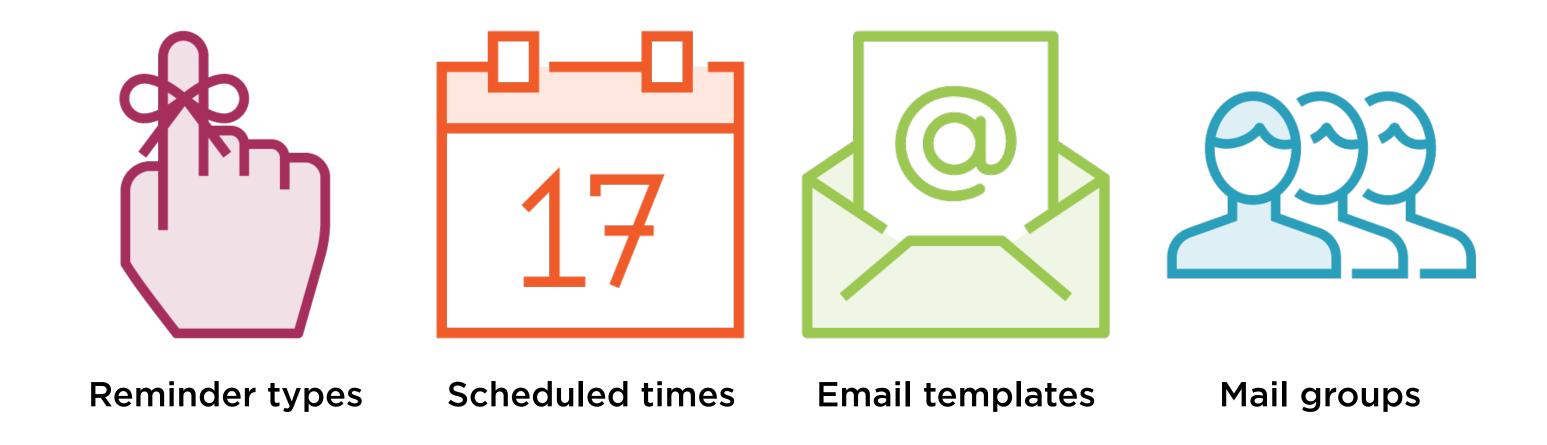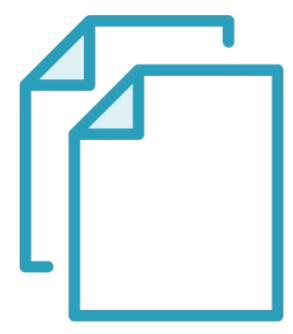
Cuckoo - Our Skeleton Code

Reminder types

Scheduled times

Email templates

Mail groups

Other Resources
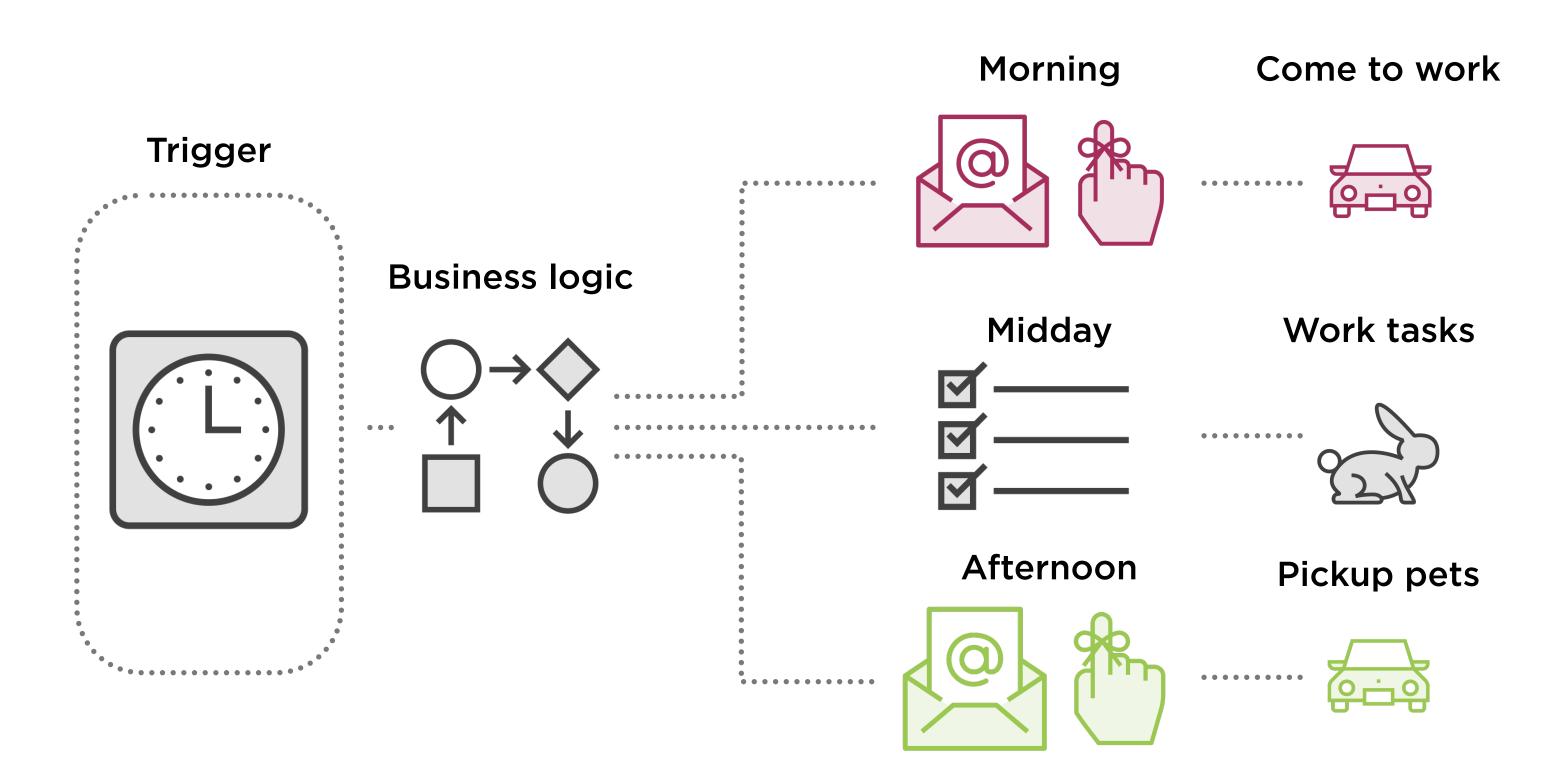
Python AWS SDK - Boto 3

HTML template - Jinja2

Workflow Automation

Trigger

Business logic

Morning

Come to work

Midday

Work tasks

Afternoon

Pickup pets

Demo

Preparing

- Add templates to S3

- Verify emails with SES

- Review cuckoo.py

- Create an IAM role

Creating our Function

- Install Jinja2

- Test our code

- Run the setup.sh script

- Use CLI commands

Summary

AWS Services

- SES

- S3

Resources

- Python Boto 3 SDK

- Jinja2

Deployment

- CLI event configuration