

@purpleteamlabs

@binarymistbooks

@binarymist

TALK STRUCTURE

- The PoC
 - Intentions with purpleteam
- PoC to Alpha release (Journey) / How?
- Environments
- Architecture & Tech
- Pressures
- How can you start using purpleteam (Next Steps)



POC



JOURNEY



ENVIRONMENTS



local

1. doc.purpleteam-labs.com
2. Lambda functions
3. Stage Two containers
4. Orchestrator
5. Testers
6. `purpleteam` (CLI)
7. Run your SUT
8. `purpleteam test`



c1oud

1. Infrastructure set-up for you
2. Get the CLI on your system

`git clone` or `npm install`



ccloud

3. Apply details to your CLI config

config.cloud.json

```
1 {
2   "loggers": {
3     "def": {
4       "level": "debug"
5     },
6     "testerProgress": {
7       "dirname": "/path/to/your/purpleteam/cli_logs/"
8     }
9   },
10  "purpleteamApi": {
11    "protocol": "https",
12    "host": "api.purpleteam-labs.com",
13    "port": 443,
14    "stage": "alpha",
15    "customerId": "0",
```



c!oud

4. Create *Job* file

```
1 {
2   "data": {
3     "type": "testRun",
4     "attributes": {
5       "version": "0.1.0-alpha.1",
6       "sutAuthentication": {
7         "route": "/login",
8         "usernameFieldLocator": "userName",
9         "passwordFieldLocator": "password",
10        "submit": "btn btn-danger",
11        "expectedPageSourceSuccess": "Log Out"
12      },
13      "sutIp": "nodegoat.sut.purpleteam-labs.com",
14      "sutPort": 443,
15      "sutProtocol": "https",
```



c1oud

5. Run your SUT

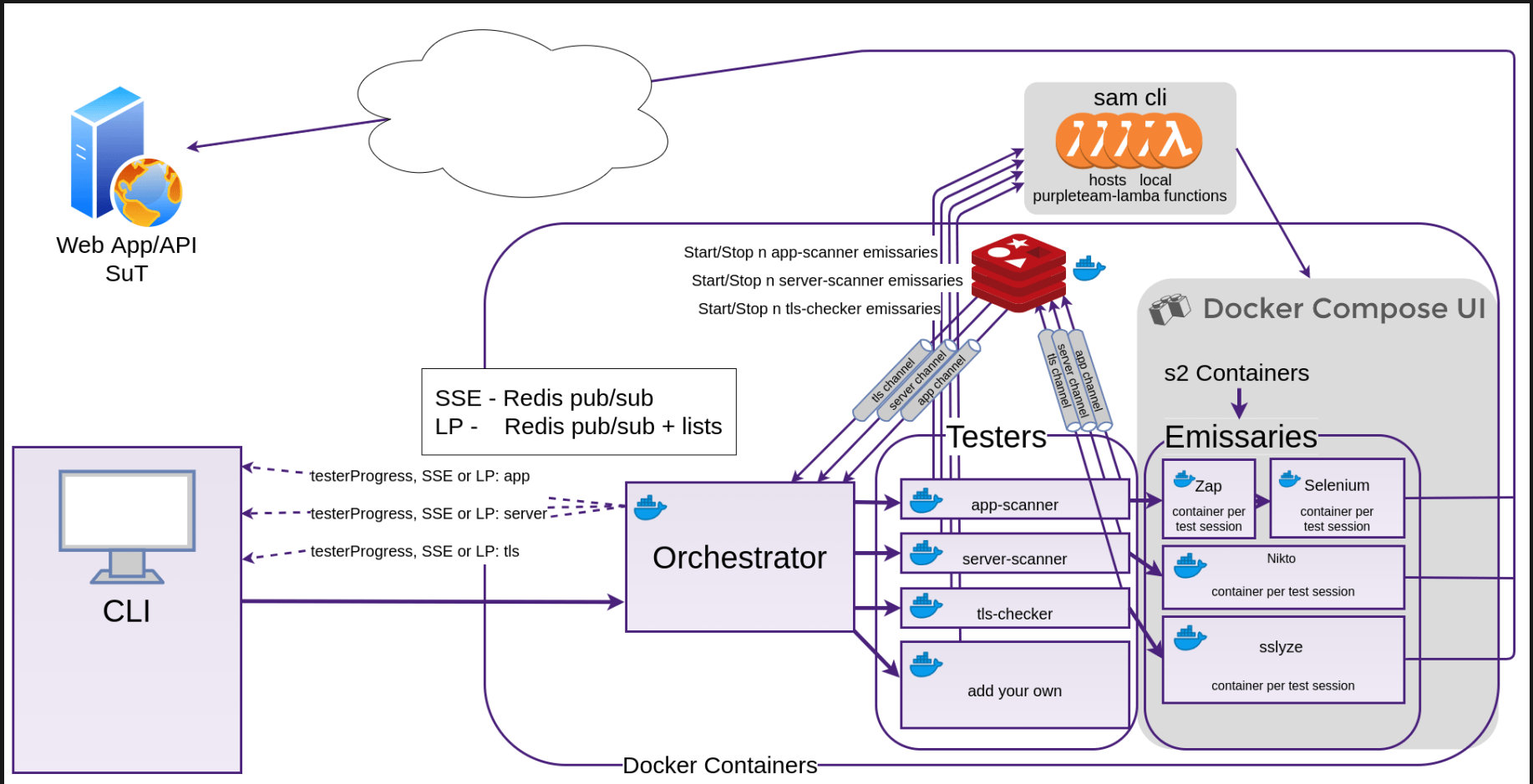
6. `purpleteam test`



ARCHITECTURE & TECH



local



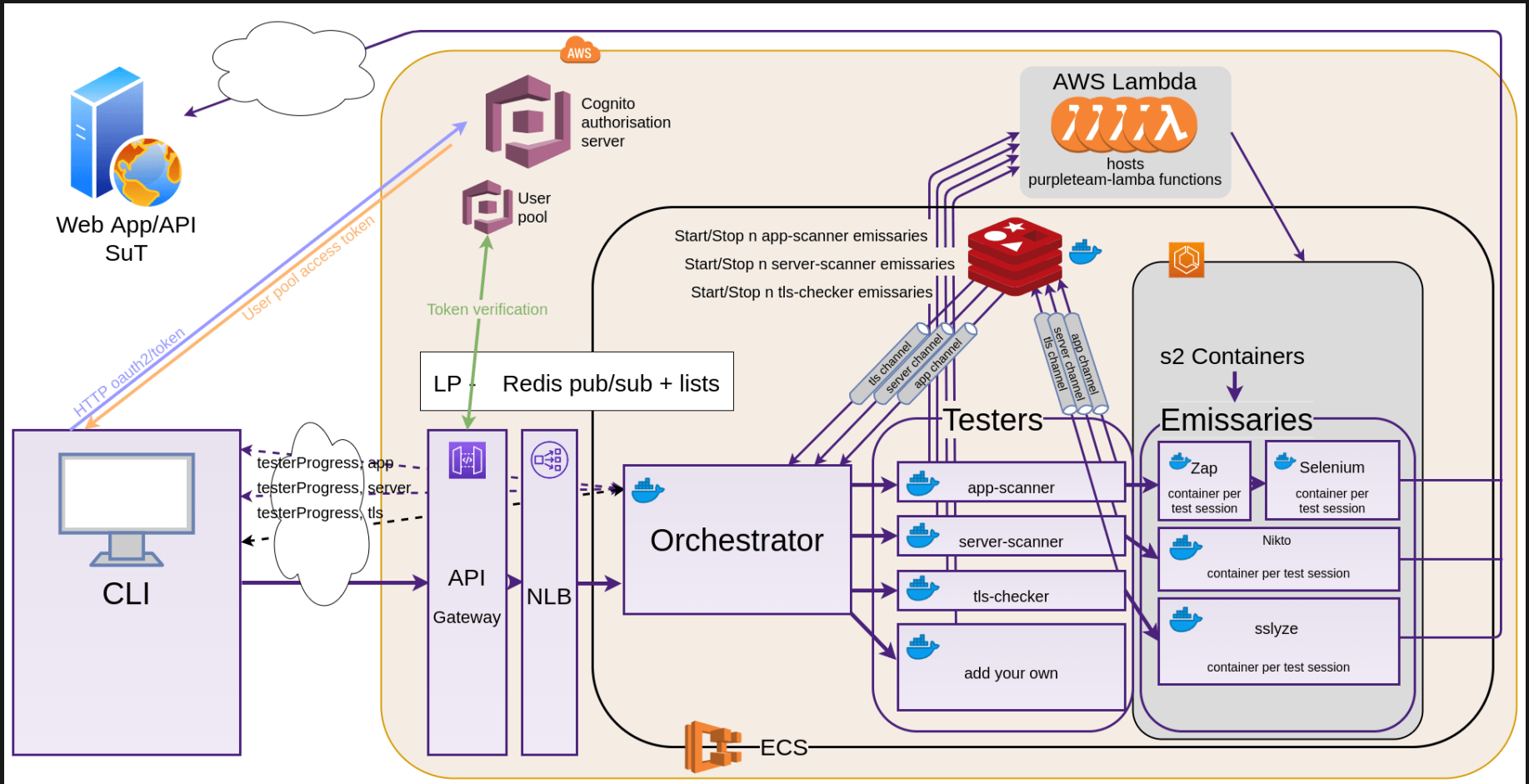
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Terraform - Terragrunt

1. static
2. nw
3. apiAuth
4. contOrc
5. api



c!oud



PRESSURES



KEEPING NODEJS DEPENDENCIES UP TO DATE

The **last update** after doing the IaC



FORKING/ADOPTING LIBRARIES WHEN MAINTAINERS DISAPPEAR



KEEPING RELATIONSHIPS ALIVE



KEEPING YOURSELF ALIVE

- Nutrition
- Sleep
- Fitness



COMPETITORS

When I started purpleteam

- ~~BDD-Security~~

Now...

- StackHawk
- Gitlab

purpleteam is standalone, only does one thing



SHOUT OUTS

- Craig Rowland @SandflySecurity
- Simon Bennetts @psiinon
- Ricardo @thc202
- Leanne Carter @nzquail
- Akshath Kothari @ricekot



NEXT STEPS?

- purpleteam local is now an OWASP project



CONSUMING PURPLETEAM



CONTRIBUTING TO PURPLETEAM

- [Github Discussions](#)
- [OWASP purpleteam Slack](#)
- [Project Board](#)
- [Submit Issue](#)
- [Submit PR](#)
- [Reporting Security Issues](#)
- [Public Roadmap](#)
- [CONTRIBUTING.md](#)



PURPLETEAM NEXT STEPS

- Docs site
- Landing page
- Help Dev Teams to start using purpleteam
- Development



purpleteam-labs.com

