Watching the Moving Clouds

Ryan Sheldrake, Field CTO -

Ephemeral

e·phem·er·al

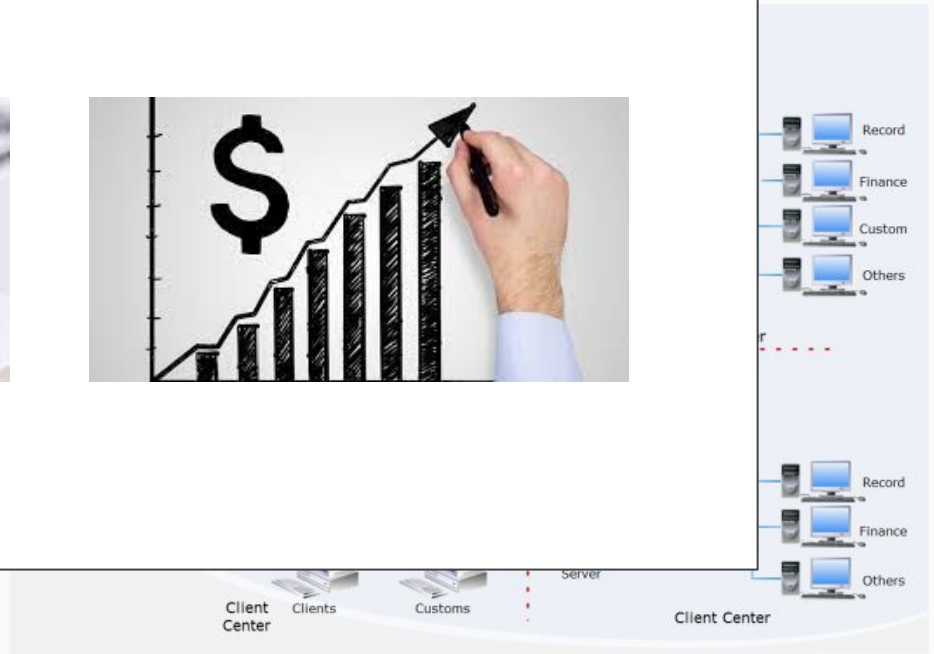
/əˈfem(ə)rəl/

adjective

lasting for a very short time.
"fashions are ephemeral"

Credit to image creators

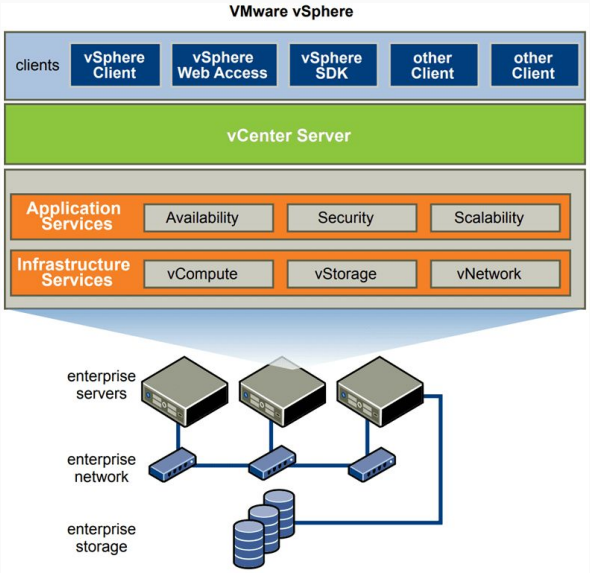
History



Credit to image creators

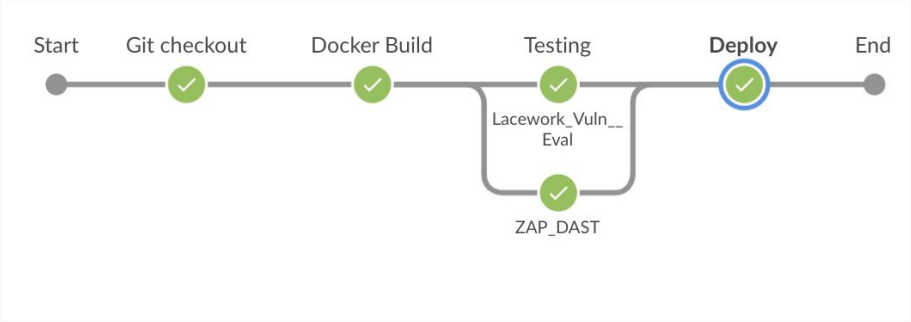
Vagrant and VMware

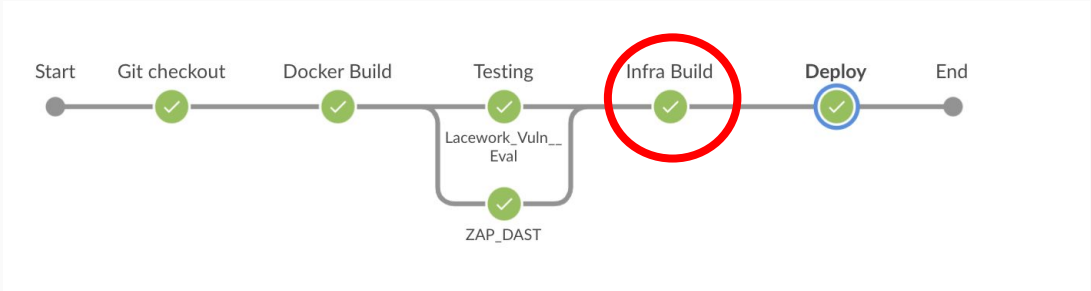
4 months to 2.5 mins



How many clients?

CI/CD


Start
Git checkout
Docker Build
Testing
Deploy
End
Lacework_Vuln__
Eval
ZAP_DAST


Start
Git checkout
Docker Build
Testing
Infra Build
Deploy
End
Lacework_Vuln__
Eval
ZAP_DAST

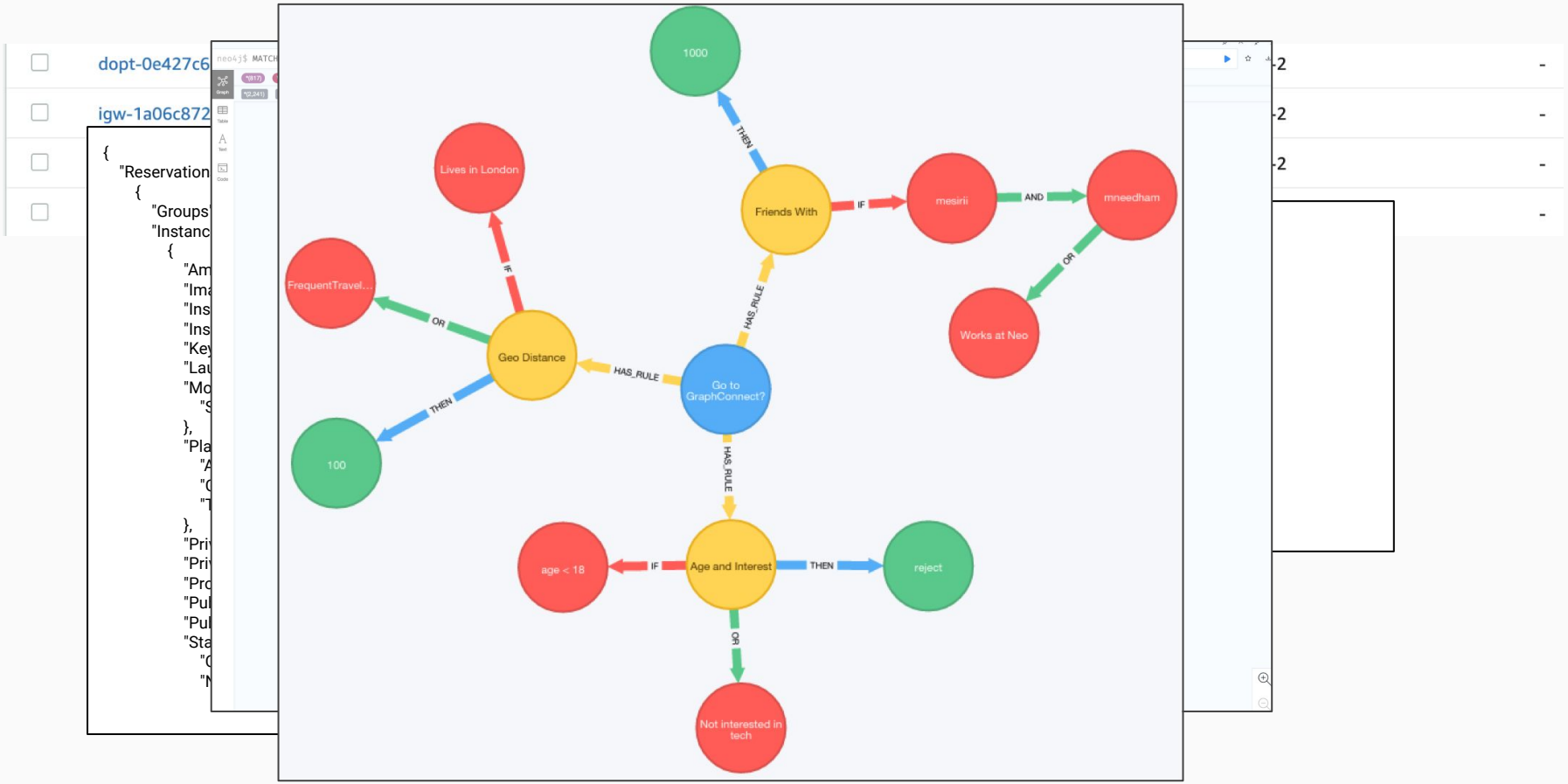
IAC

```
module "web-server" {
  source       = "../modules/web-server"
  environment  = "acceptance"
  server_names = ["web01.acceptance.server.nl", "web02.acceptance.server.nl"]
  ip_addresses = ["1.2.3.4", "1.2.3.5"]
}
```

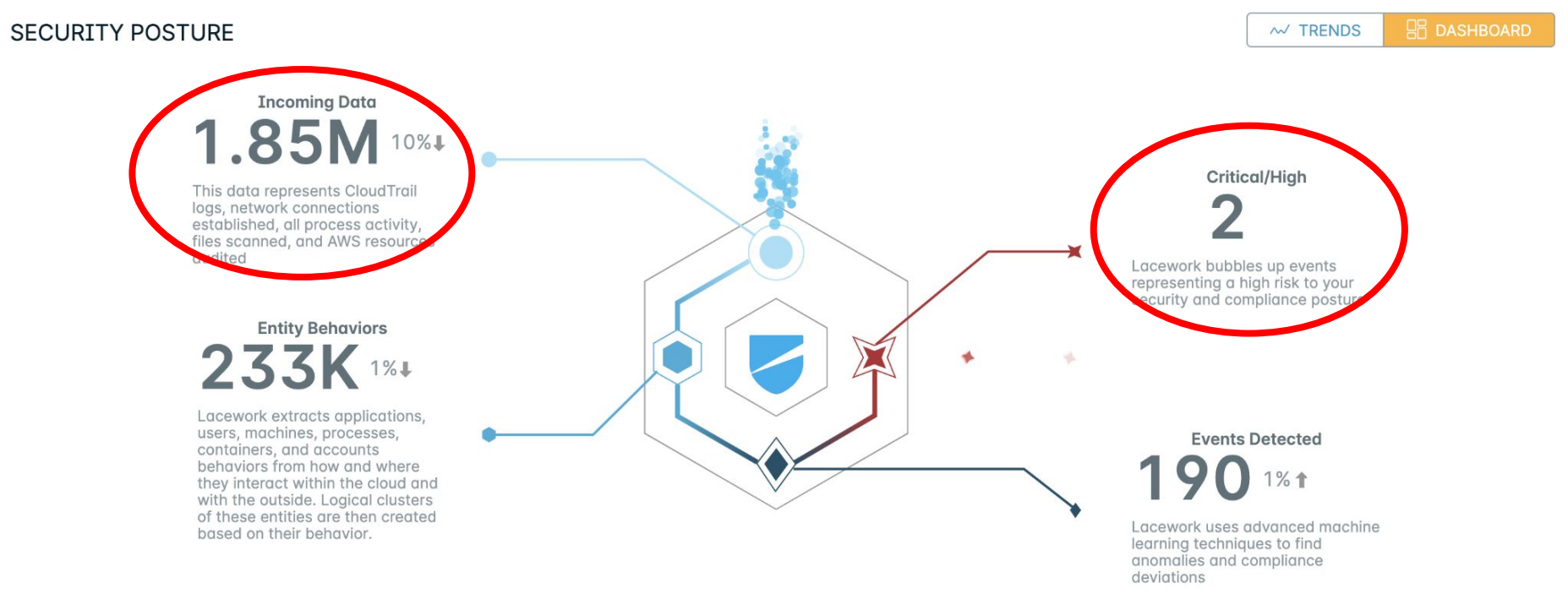
tf deploy

Build **and** Runtime Observability

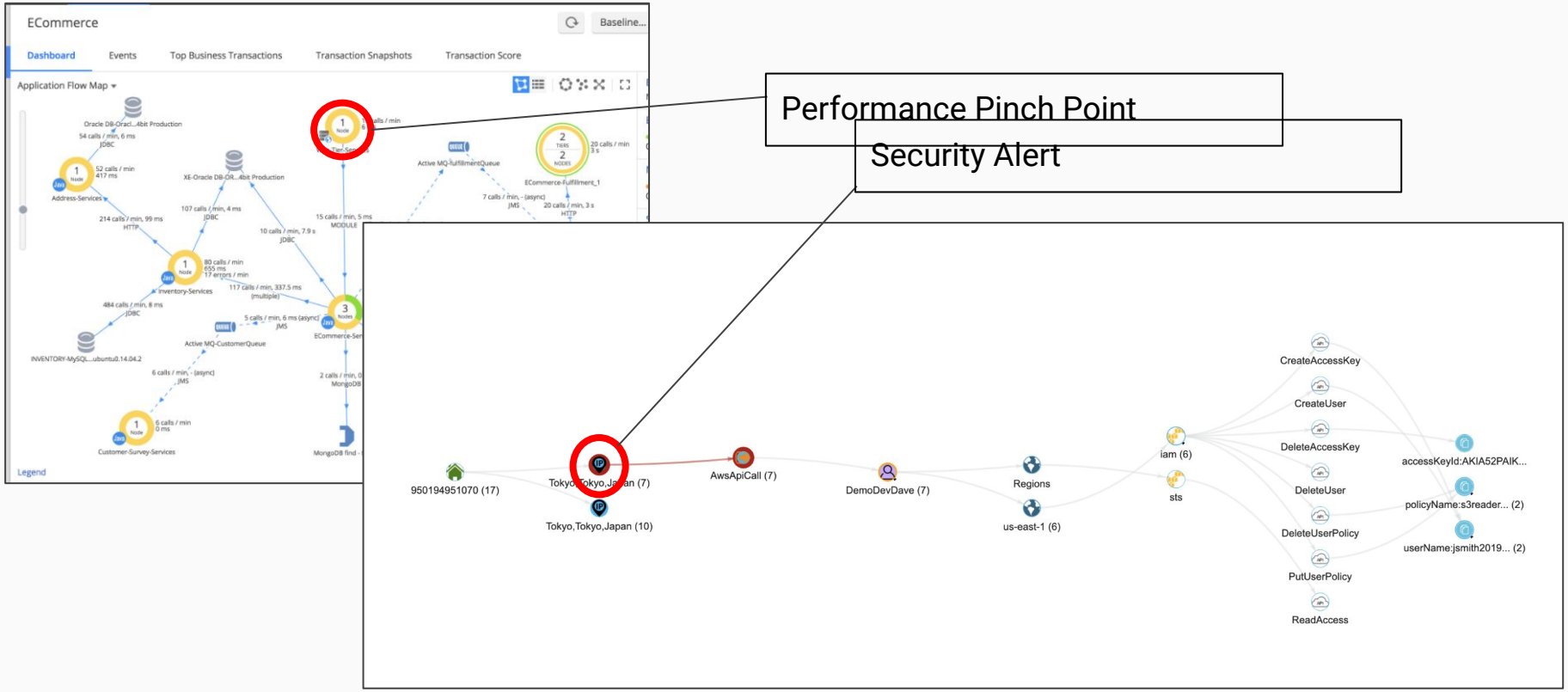
The Inventory



ML and AI


SECURITY POSTURE
TRENDS
DASHBOARD
Incoming Data
1.85M
10%
This data represents CloudTrail logs, network connections established, all process activity, files scanned, and AWS resources audited
Entity Behaviors
233K
1%
Lacework extracts applications, users, machines, processes, containers, and accounts behaviors from how and where they interact within the cloud and with the outside. Logical clusters of these entities are then created based on their behavior.
Critical/High
2
Lacework bubbles up events representing a high risk to your security and compliance posture
Events Detected
190
1%
Lacework uses advanced machine learning techniques to find anomalies and compliance deviations

Big data + ML + Graphs



The 5 W's

why why why why why

Who Where What When Why

Feedback cycle

Thank You

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