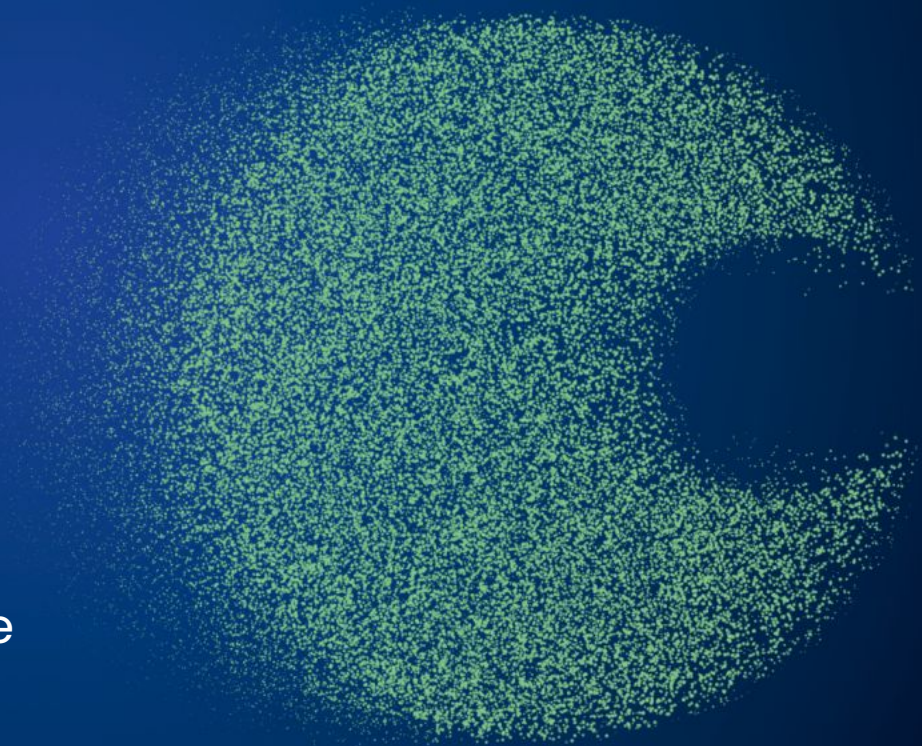


# Why observability needs to be treated as critical infrastructure

Ian Smith, Field CTO, Chronosphere





What is critical infrastructure?



aws



Google Cloud



Azure



What is critical infrastructure?



What happens when these don't work?



HashiCorp  
**Terraform**



**kubernetes**



**Jenkins**



**envoy**



**kafka**



**GitLab**

**ATLASSIAN**



**ClickHouse**



APACHE  
**hadoop**



**ANSIBLE**

**circleci**



**cassandra**



**GitHub**



**Cockroach  
Labs**



**mongoDB**



**presto**



**MariaDB**



**Pulumi**



**slack**



**chronosphere**



**puppet**



**Rollbar**



**snowflake**



**JFrog**

Software can be critical infrastructure

 · Mar 8  
Prevented us from releasing today. Flying blind without it. Huge problem.

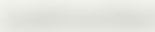



 Mar 8  
It's more like being blind in an ice storm... not knowing what's broken, or is about to break...




 · Mar 8  
This outage has put a stop to my work this AM



▲  7 months ago | prev | next [-]

This effected a production deploy today - our team did not know  was down prior to deployment. Horrible.

Observability can  
be critical  
infrastructure

 · 20 hr. ago  
DevOps  
Been in a change freeze because of this for 12 hours. Bout to just go and hit the golf course at this point.



# What happens when observability is unpredictable?



Can't deploy, code freezes



Unproductive and unhappy engineers



Slower release cycles, unhappy customers



02-13-23

## 3 things Texas needs to do to prevent another catastrophic power failure

Two years after its historic deep freeze, Texas is increasingly vulnerable to cold snaps—and there are more solutions than just building power plants.

What do you do about it?





I wish there was an easy answer

# Thank you

 CITY  
LEGEND

