

(RAFT)

Enabling Apps to
Seamlessly Utilize
Zero Trust

Zero Trust Modules



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Enabling Apps to Seamlessly Utilize Zero Trust



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Raft & Gov Team



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Agenda

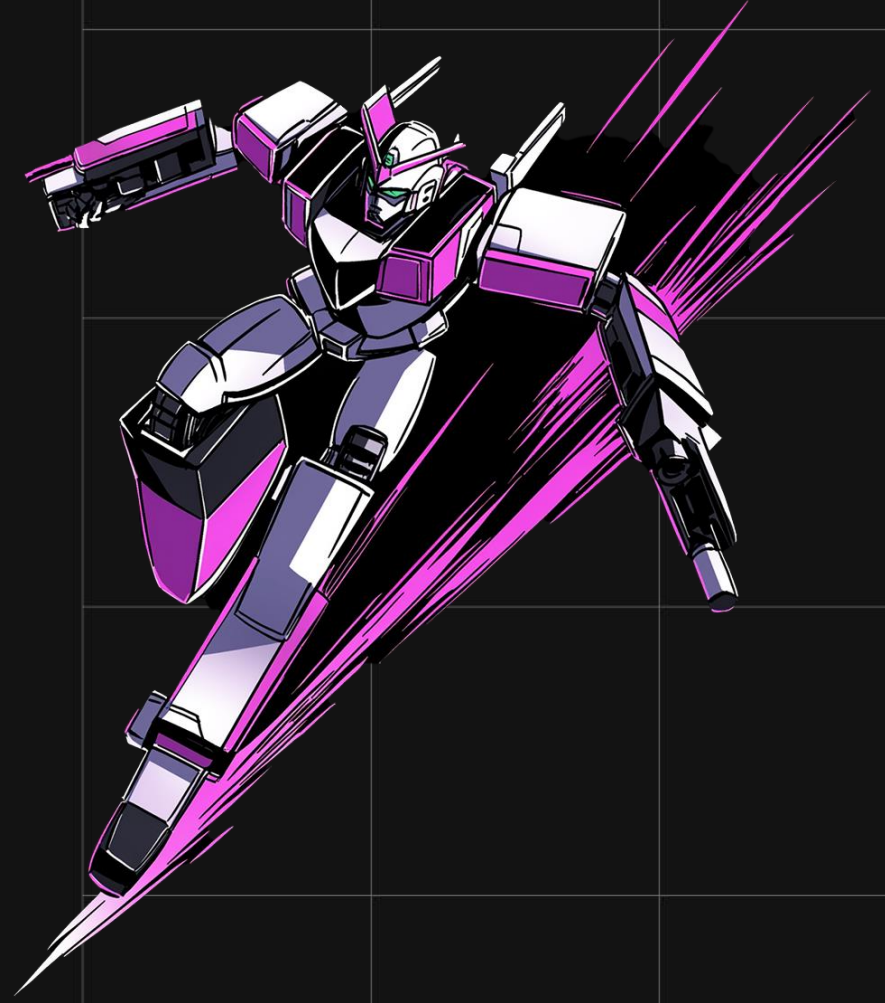
- 1 The Team
- 2 Problem Statement
- 3 Implementation
- 4 Summary

Problem Statement: How to drive a Zero Trust culture across the enterprise?

- Enforce Zero Trust Principles
- Allow dev teams to deploy quickly
 - Custom cookies and app requirements
- All infra is cookie-cutter and easily updatable
- IdP agnostic

Making Zero Trust Achievable

- Driving a Zero Trust culture starts with using standardized tooling
- Driving organizational buy-in is the crux of problem
 - Developer buy-in
 - Security buy-in



Developer Buy-in

- Encapsulation
- Readability
- Usability
- Iteration



Security Buy-in

- Best practices
- Guardrails
- Iteration



Module Pseudocode

```
module "zero-trust" {  
    source = "git@git.url/repo"  
  
    app_hostname = "host"  
    target_group = aws_lb.target_group.id  
  
    zero_trust_client_id = var.client_id  
    zero_trust_client_secret =  
var.client_secret  
}
```

Results

- Standardized, reusable, easy-to-use Terraform module
- Teams self-adopted across the enterprise
- Limitations / Risks
 - Supports only HTTPS, ALBs, Cookies

(RAFT)

Thank you!



THANK YOU



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