



# Infrastructure *Evolving*

*< What's Next, and how to Prepare >*

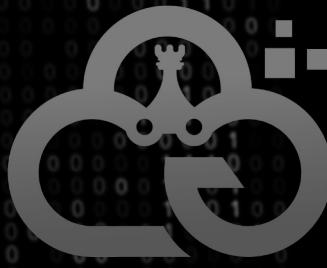


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Principal Architect  
Podcaster



# Agenda

- Sprint, Walk, Crawl
- Today's *Landscape and Challenges*
- Square Pegs and *Round Holes*
- A *Pragmatic* way Forward



# Spring, Walk, Crawl

Learning to  
Play Music

Let's learn  
Beethoven in  
our first week!

*Sprint*

I don't have  
these skills yet

*Walk*

I need to  
learn how to  
read music

*Crawl*

Digital  
Transformation

Let's migrate all  
our applications  
this year!

*Sprint*

There is a lot  
we didn't fully  
understand

*Walk*

Let's get back to  
First Principles

*Crawl*

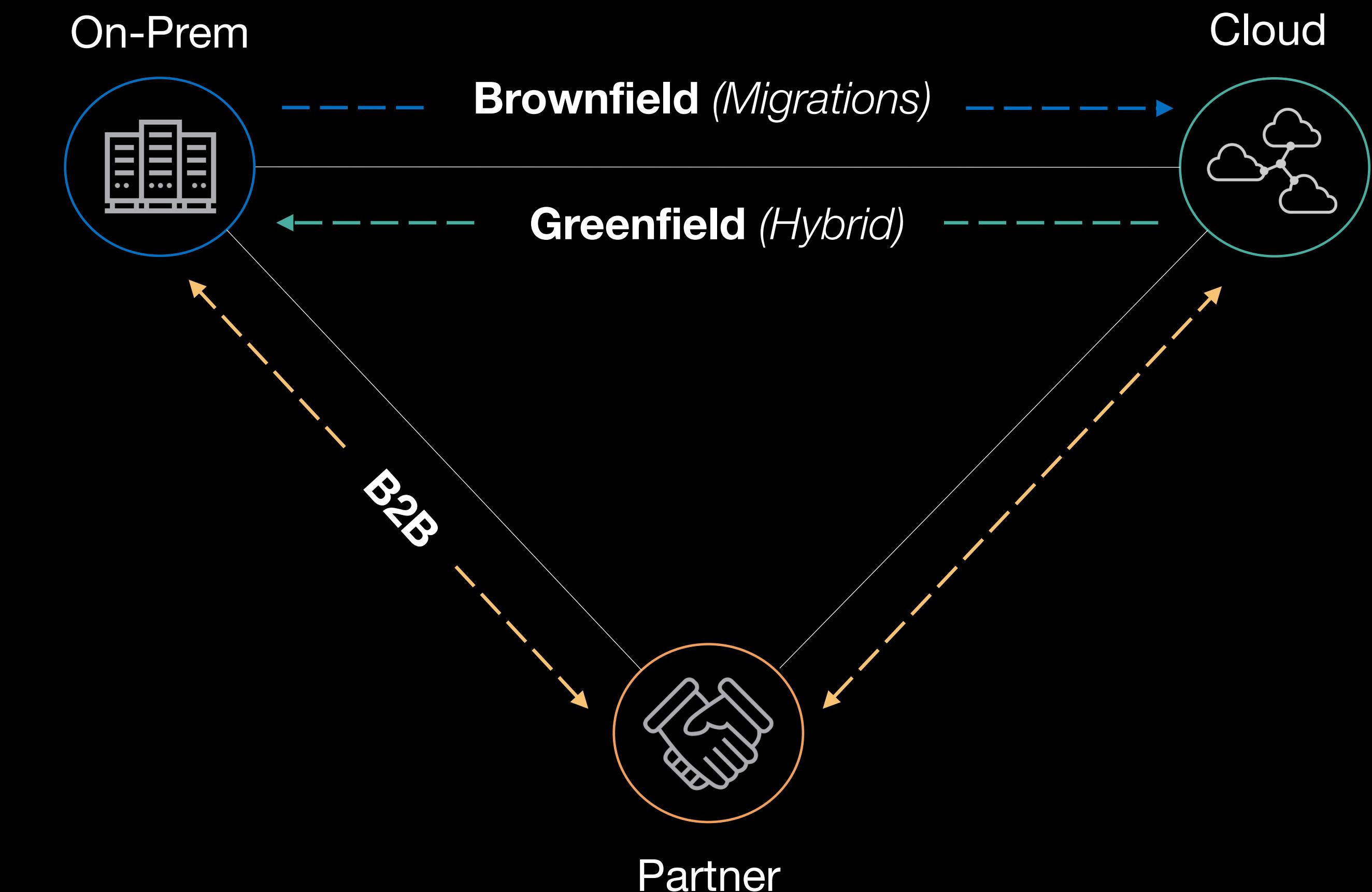


# Today's Landscape and Challenges

- > Modernize existing application portfolio using the public cloud

- > Modern apps born in the cloud require on-prem connectivity

- > Evolving demands for securely connecting partners and third parties





# Square Pegs and Round Holes (*SD-WAN*)



## ? Proposal

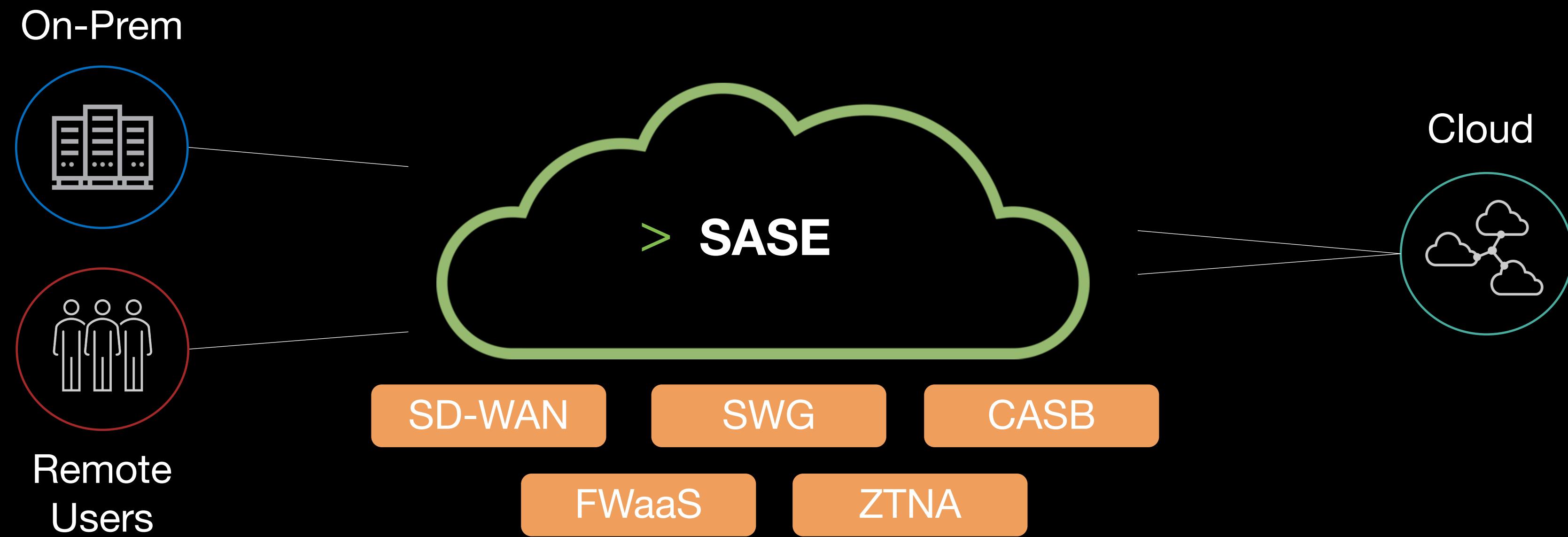
We already have SD-WAN deployed. Let's just extend it to the public cloud.

## 💡 Translation

Let's use that transport independent technology that we connect sites together with, and stuff it in the Public Cloud



# Square Pegs and Round Holes (SASE)



## ? Proposal

Let's Cloudify broad categories of things into a single-vendor solution to make *Zero Trust* easy!

## 💡 Translation

Aggregating many solutions into a single vendor sounds great, until ...  
*< Insert gigantic list of trade-offs >*



# Square Pegs and *Round Holes* (SASE)

\* Hype Cycle for Zero Trust Networking - 2023



How is SASE  
Adoption going?

GG **Deep in the trough:** Secure access service edge (SASE) is in the Trough of Disillusionment, due to exaggerated marketing by many technology vendors.

GG There is plenty of “noise” about zero trust, which makes it difficult to distinguish solid practices from marketing hype.

GG Vendors commonly generalize specific enterprise use cases and lead with their solution first.



> A Pragmatic way *Forward*

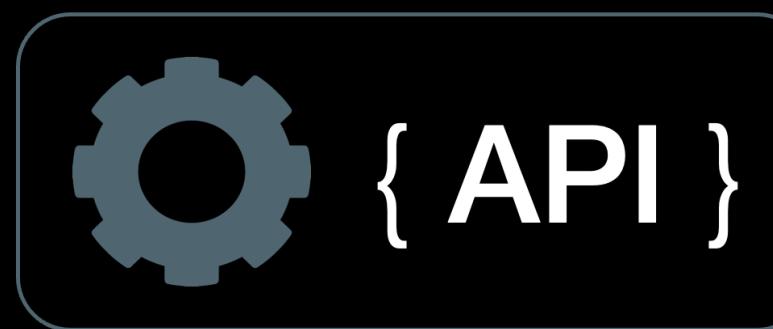


# A Pragmatic way *Forward*



Cloud is *Different*

(*REST, gRPC, GraphQL*)



APIs replace traditional  
connection types

***API Driven***

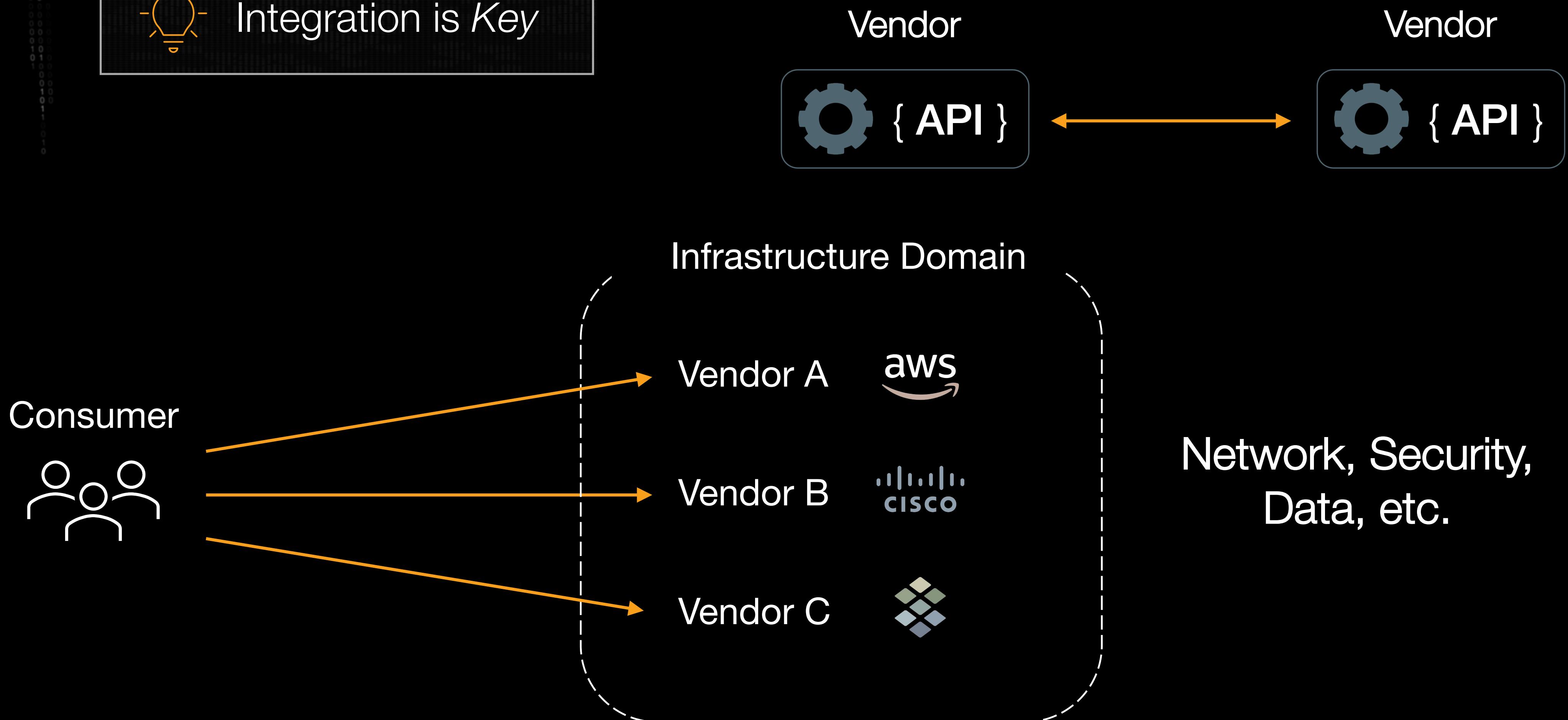


## Why API?

API protocols provide a blueprint for building and interacting with APIs. This includes the formatting of responses, methods, and data structures.



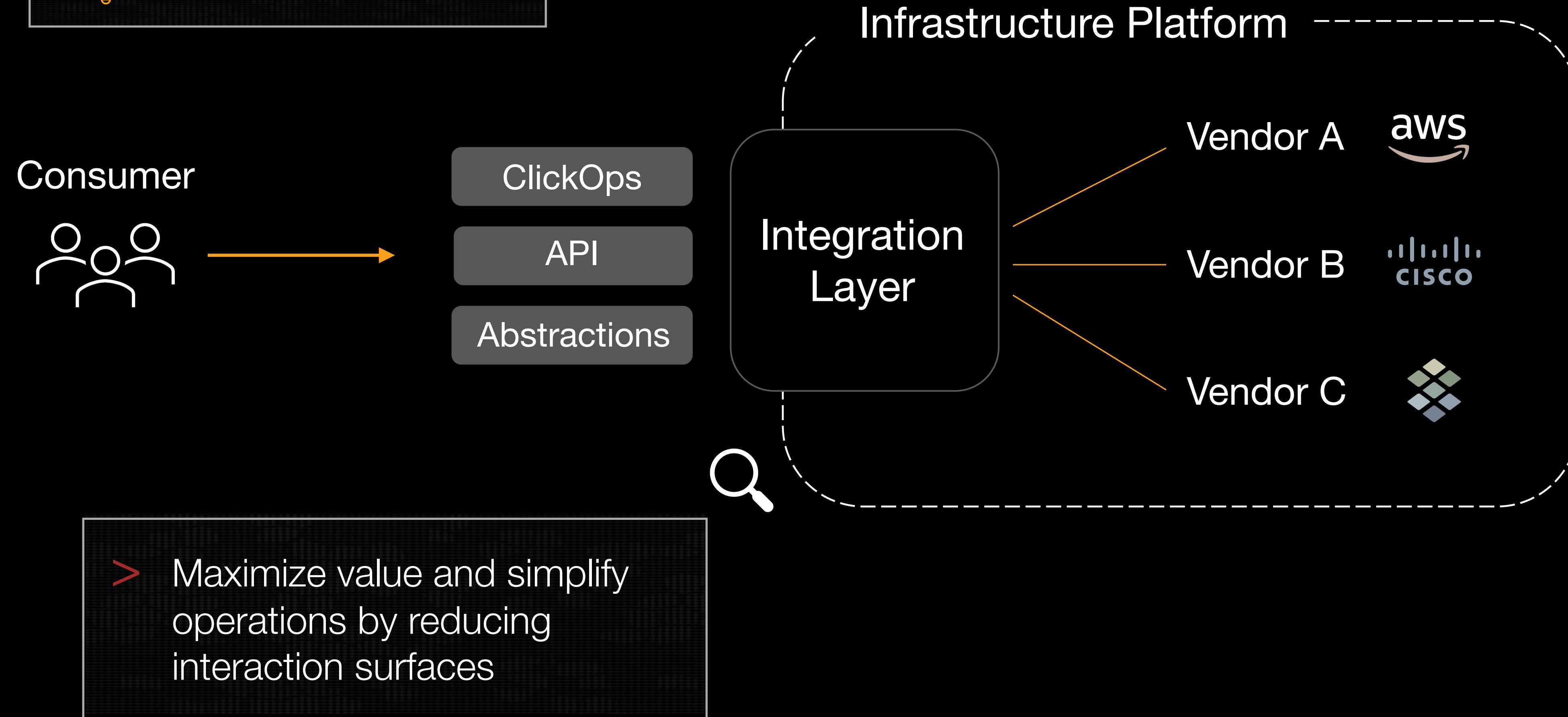
# A Pragmatic way *Forward*





# A Pragmatic way *Forward*

 Integration is Key



*Want to Connect?*



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The Cloud Gambit

