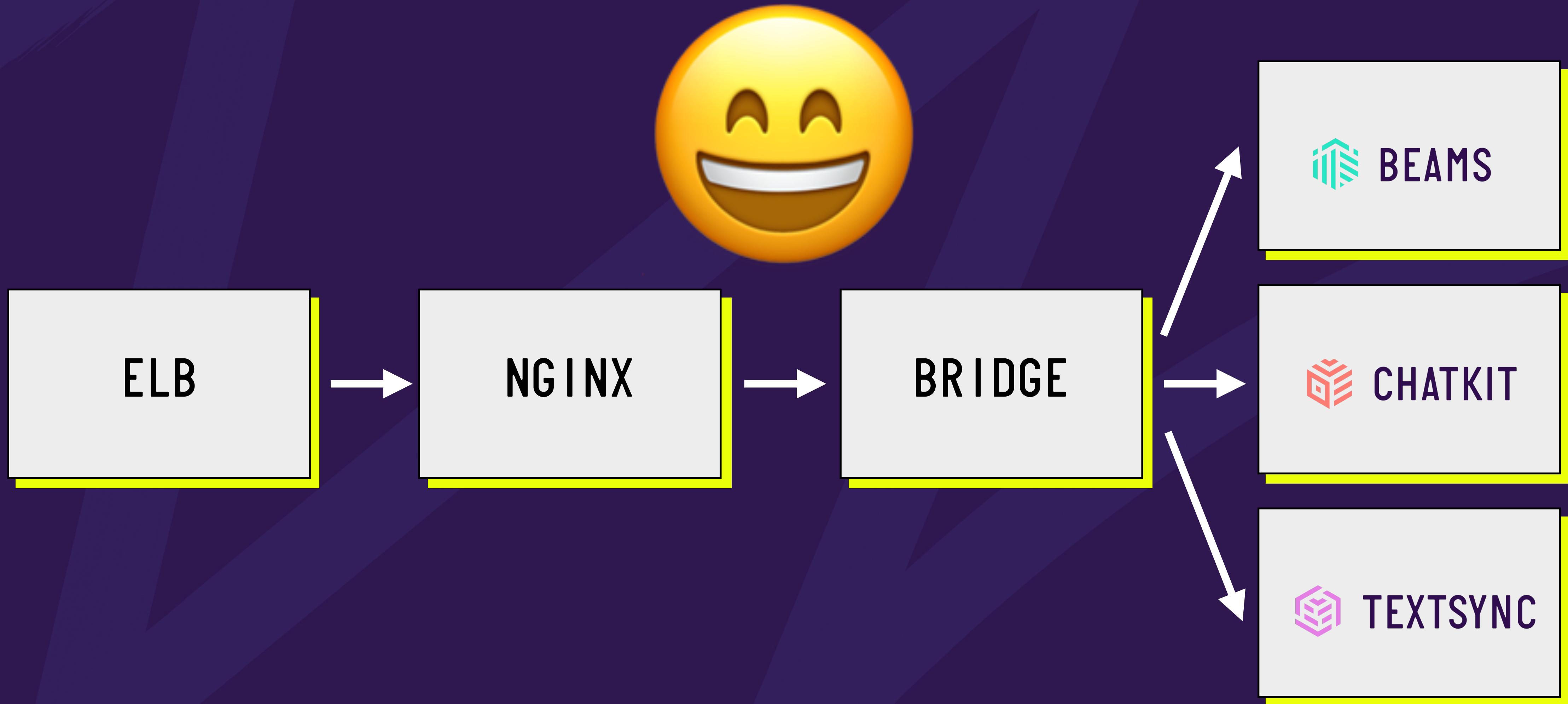


# OH SH\*T! THE CONFIG CHANGED!

Our most used phrase during incidents in 2018

# THE BRIDGE



@JoelASpeed

 **PUSHER**

@Pusher

# THE BRIDGE



@JoelASpeed

PUSHER

@Pusher

# DARKER TIMES (SEE 2018)

## 2018-04-30 Global Platform-Integration downtime (OBSIDIAN STAG)



**Samuel Yallop**

Last modified May 04, 2018

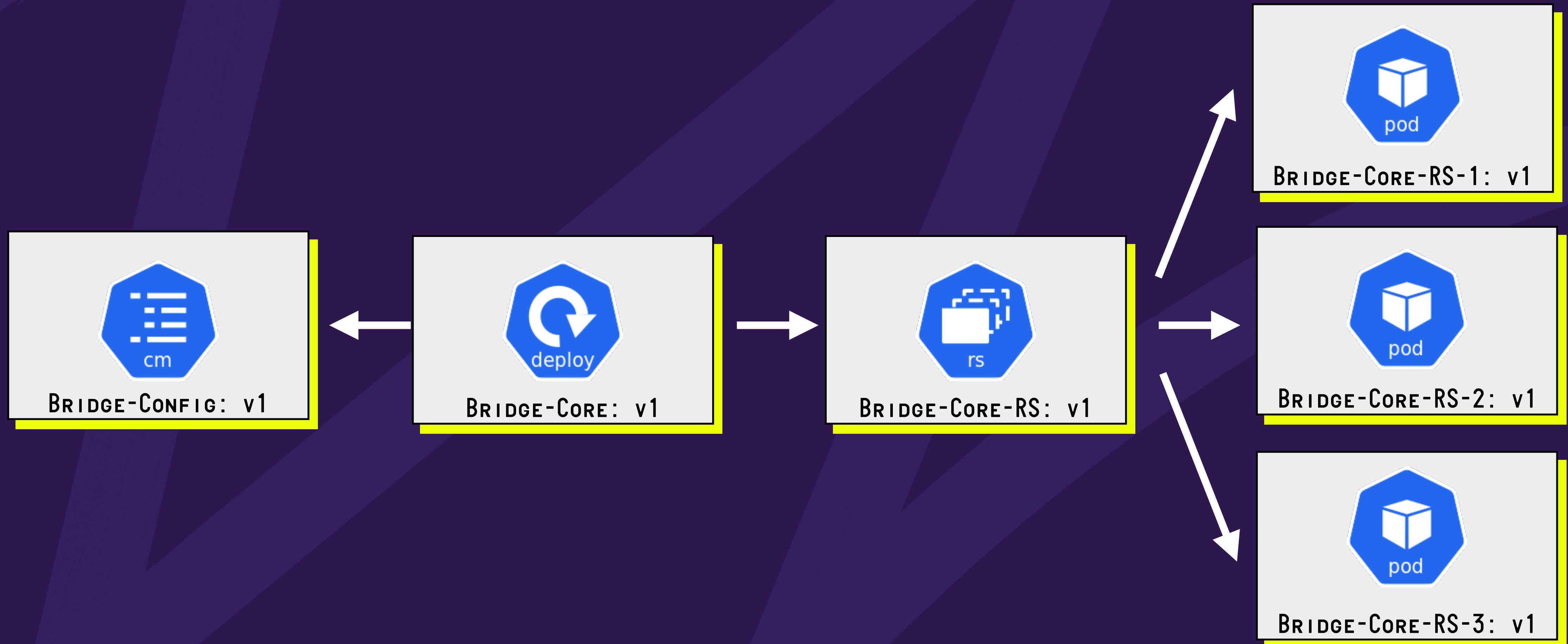
### Incident Details

**03:20** (Downtime in Platform-Integration) on Global cluster, April 30th

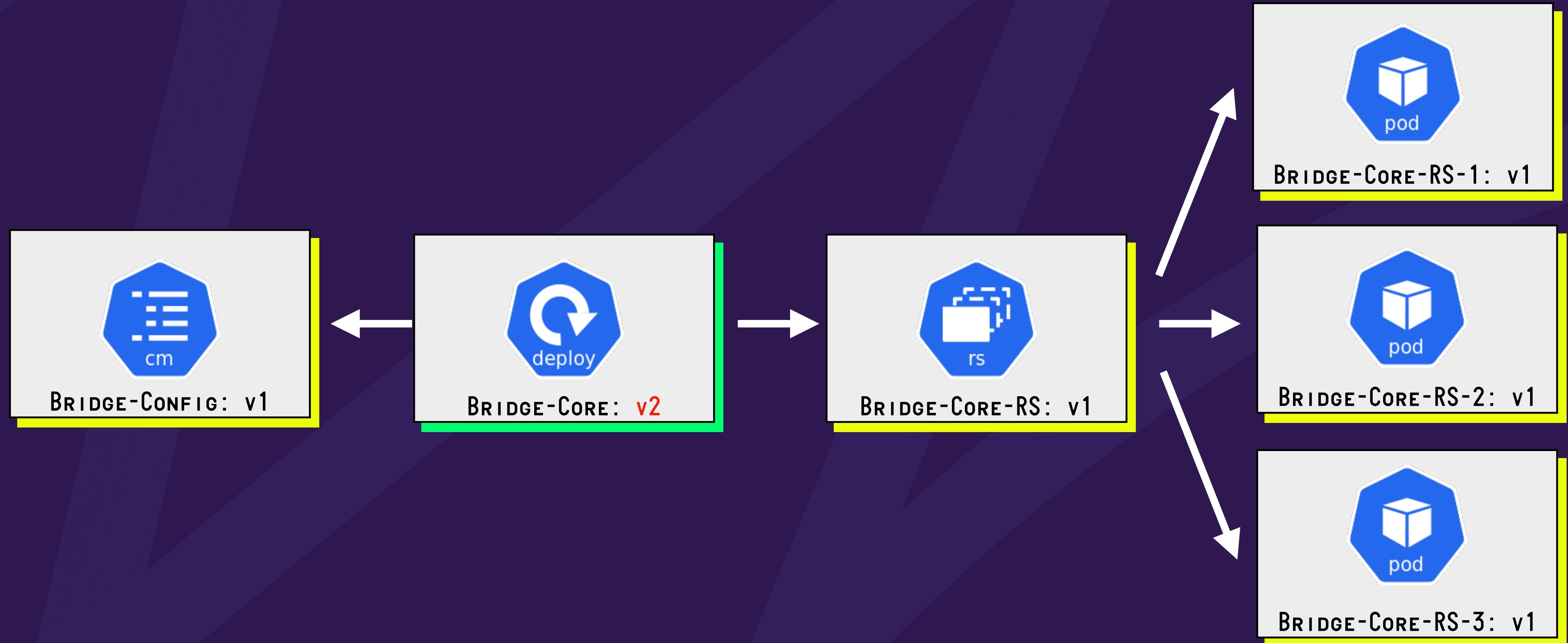
### What went wrong?

- A configuration change was applied without restarting the deployment that depended upon it.

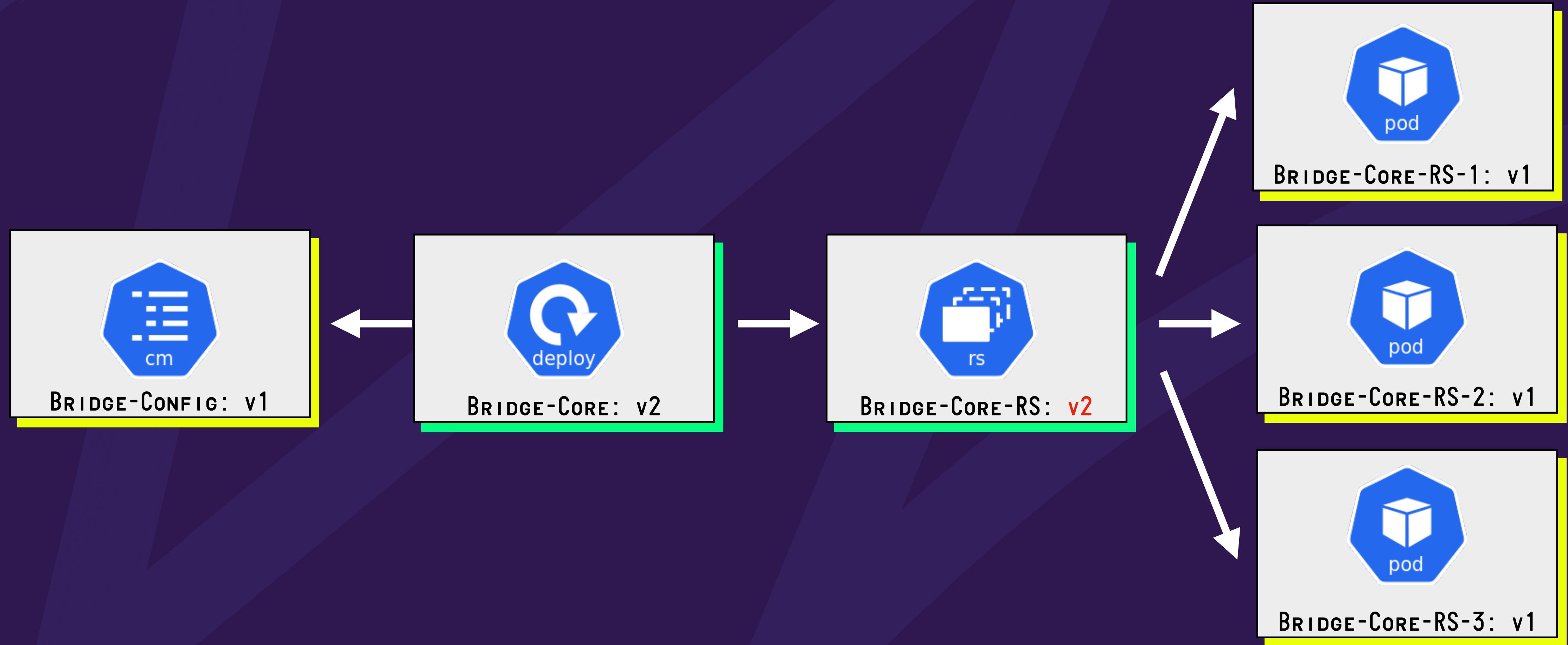
# THE BRIDGE DEPLOYMENT



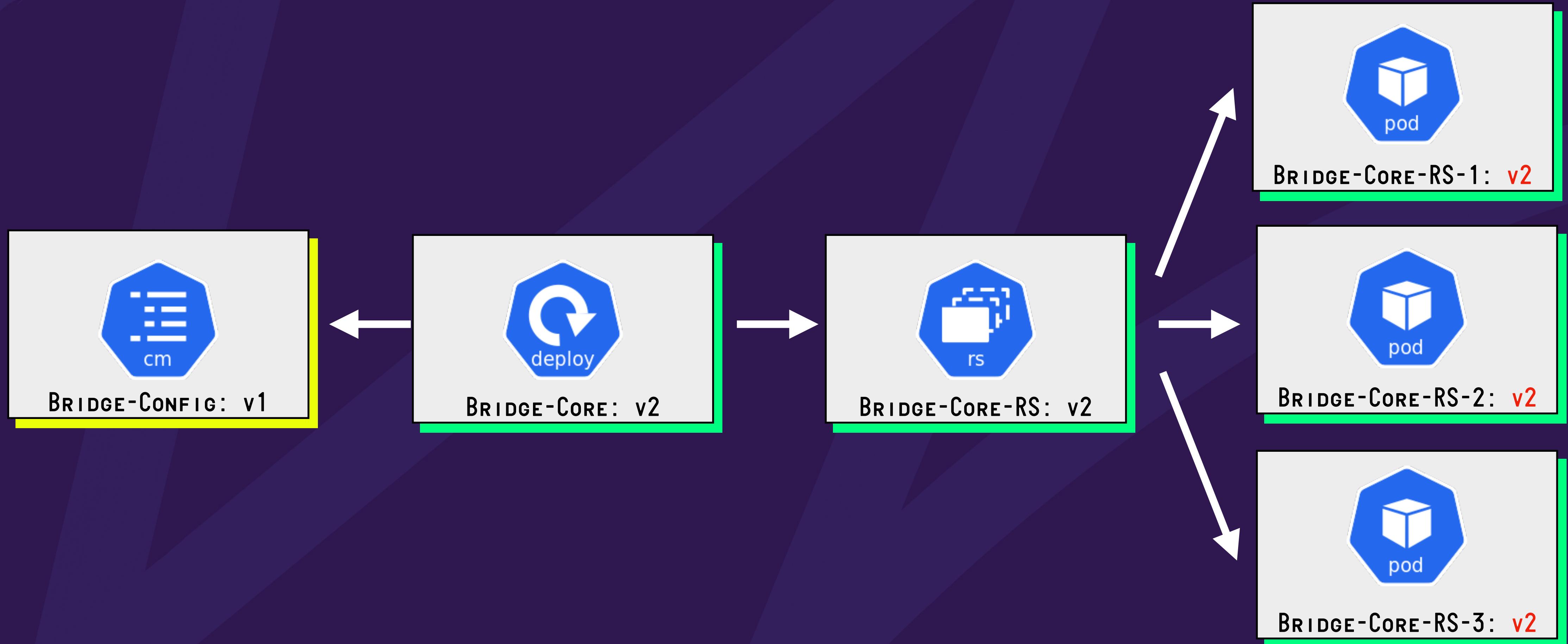
# THE BRIDGE DEPLOYMENT



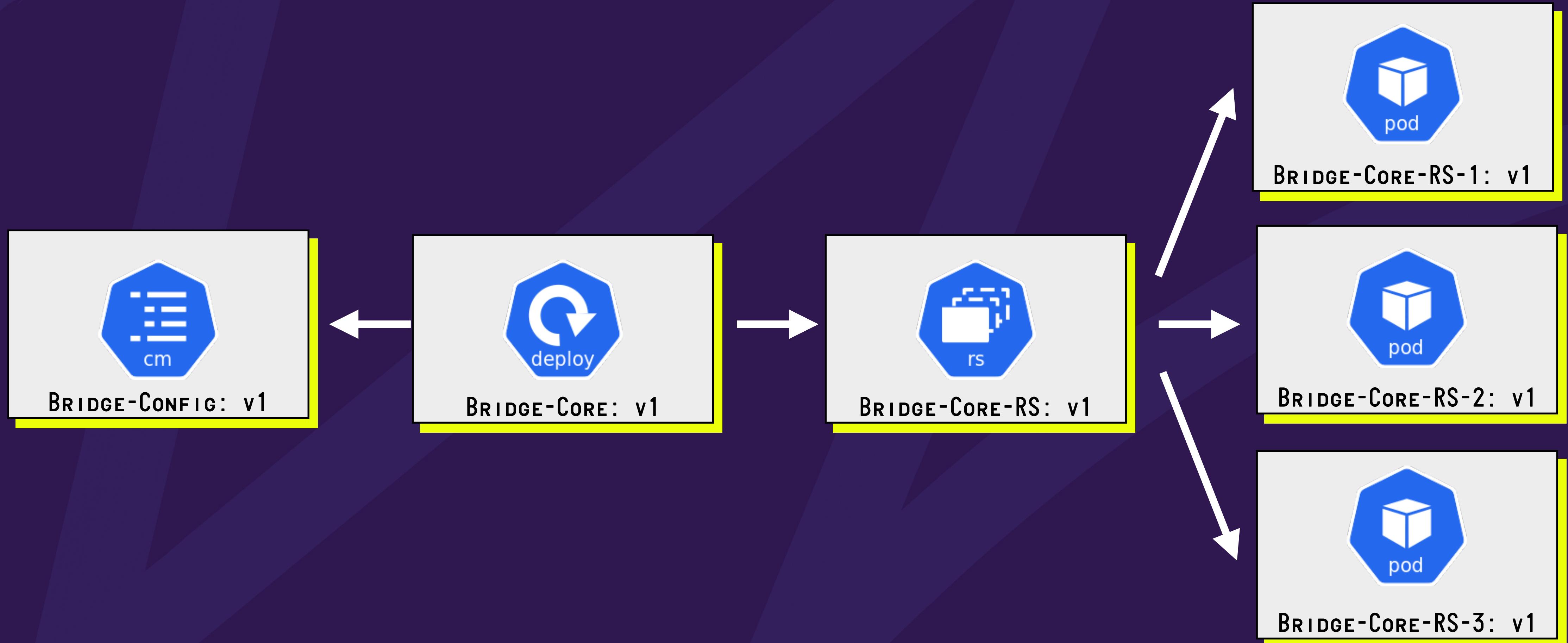
# THE BRIDGE DEPLOYMENT



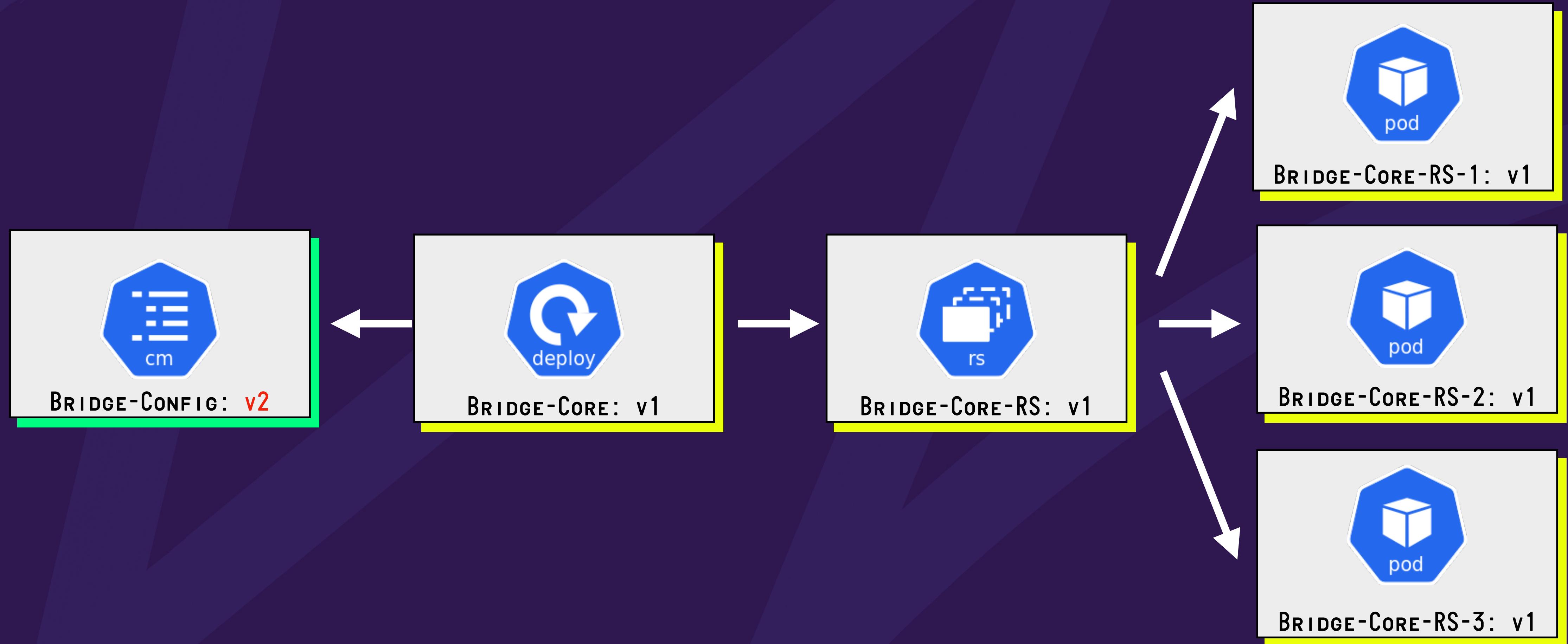
# THE BRIDGE DEPLOYMENT



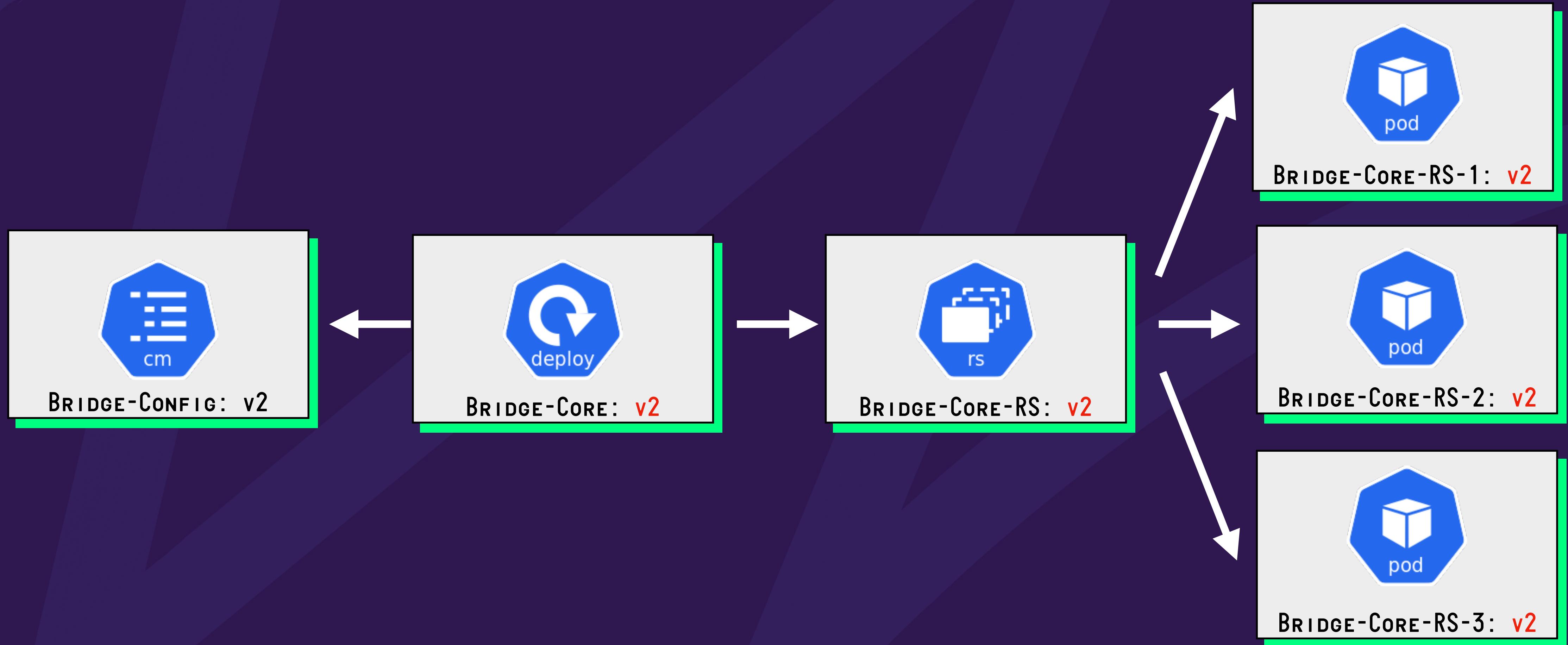
# THE BRIDGE DEPLOYMENT



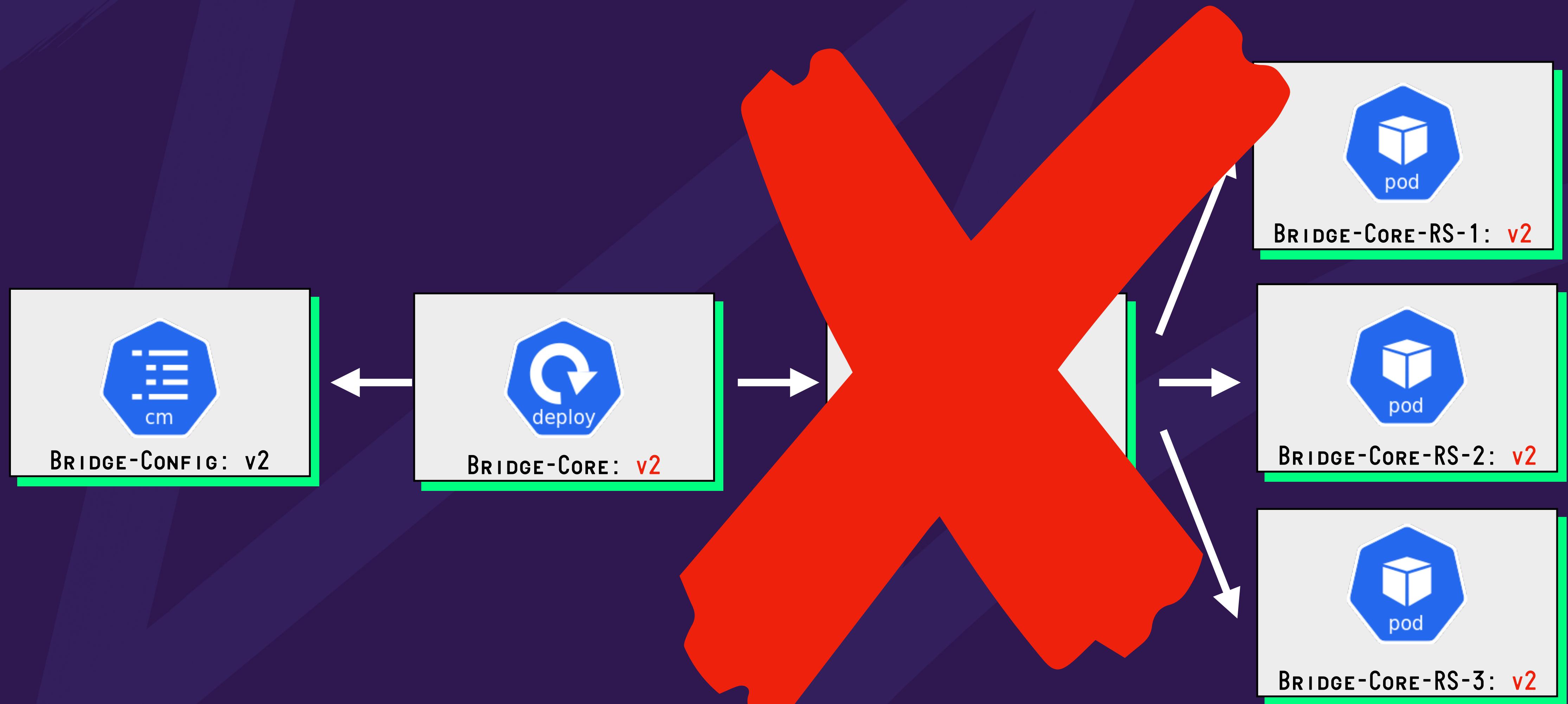
# THE BRIDGE DEPLOYMENT



# THE BRIDGE DEPLOYMENT



# THE BRIDGE DEPLOYMENT

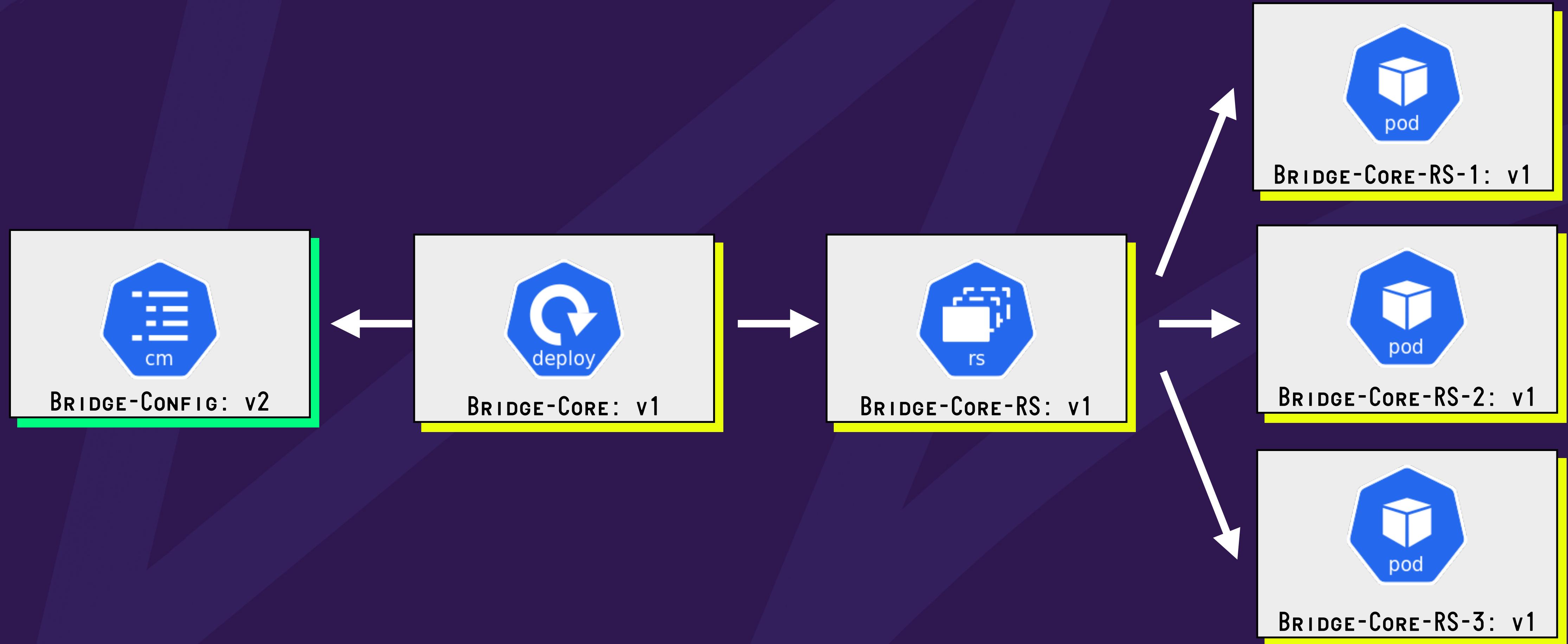


@JoelASpeed

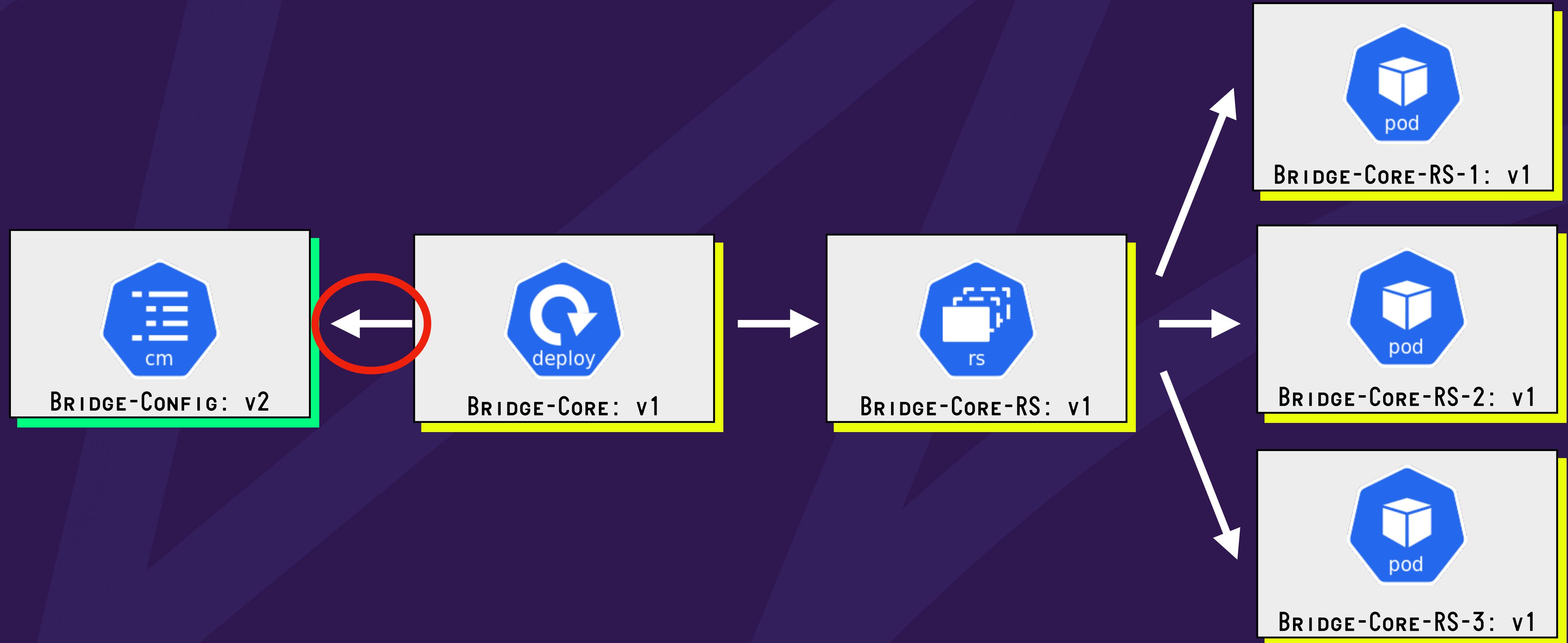
 **PUSHER**

@Pusher

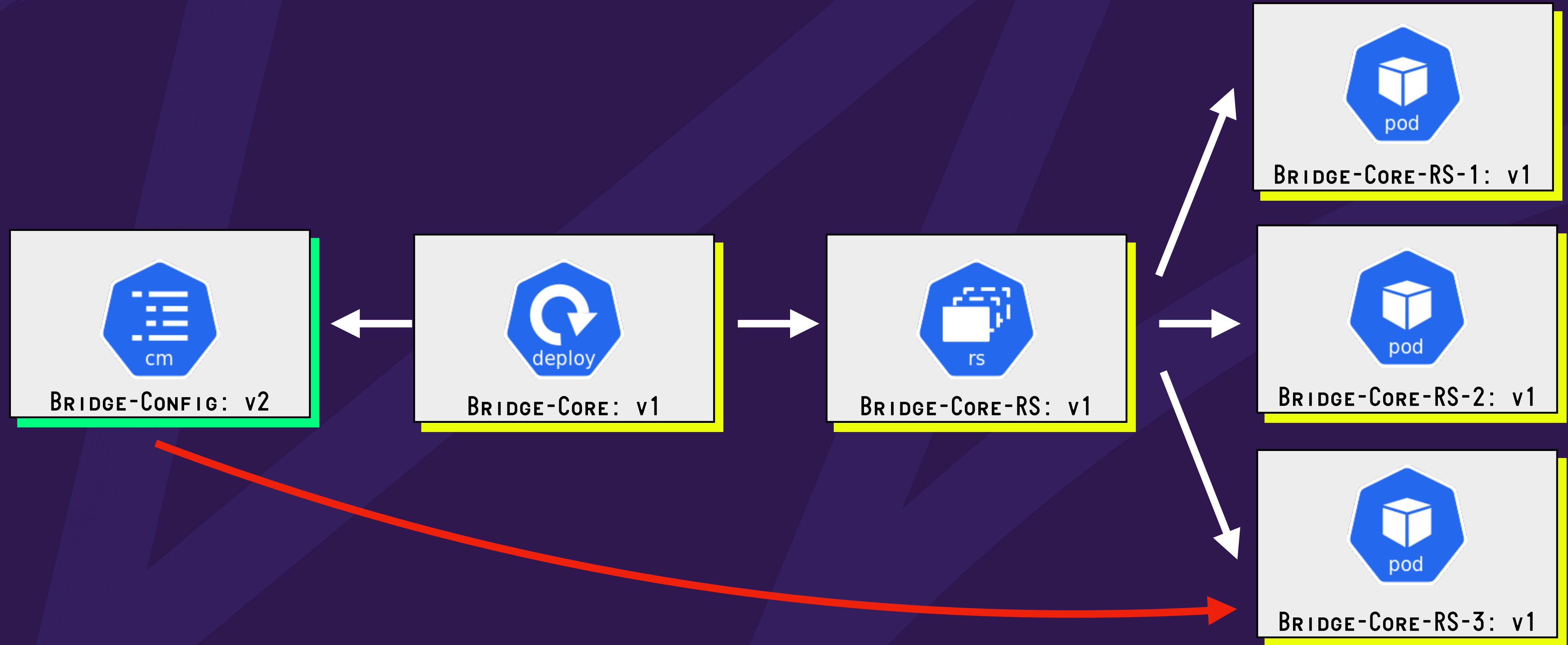
# THE BRIDGE DEPLOYMENT



# THE BRIDGE DEPLOYMENT



# THE BRIDGE DEPLOYMENT



# BUT KUBERNETES, WHAT IF MY APP CAN'T DYNAMICALLY RELOAD CONFIGURATION?

(Just like the Bridge can't)



@JoelASpeed



@Pusher

# SO WHAT HAPPENED DURING “OBSIDIAN STAG”?

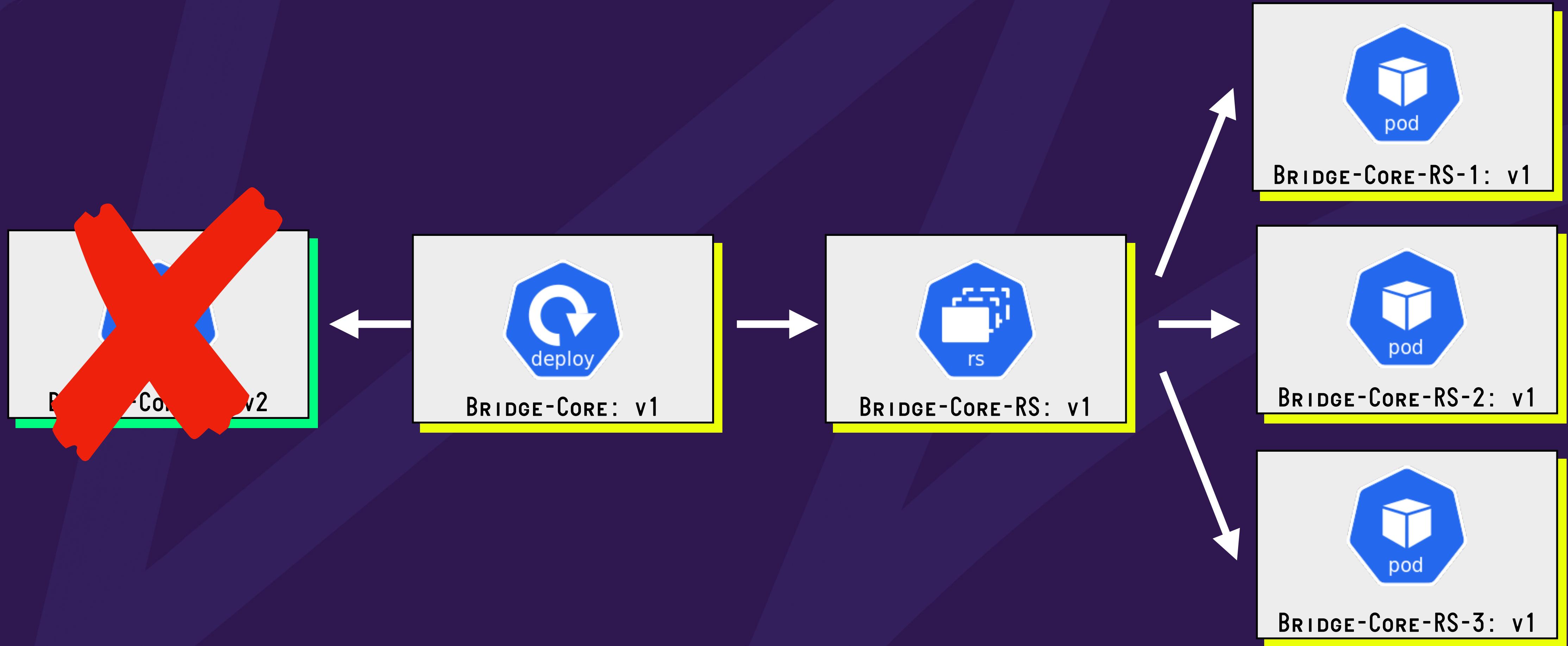
@JoelASpeed



18

@Pusher

# WHAT HAPPENED?



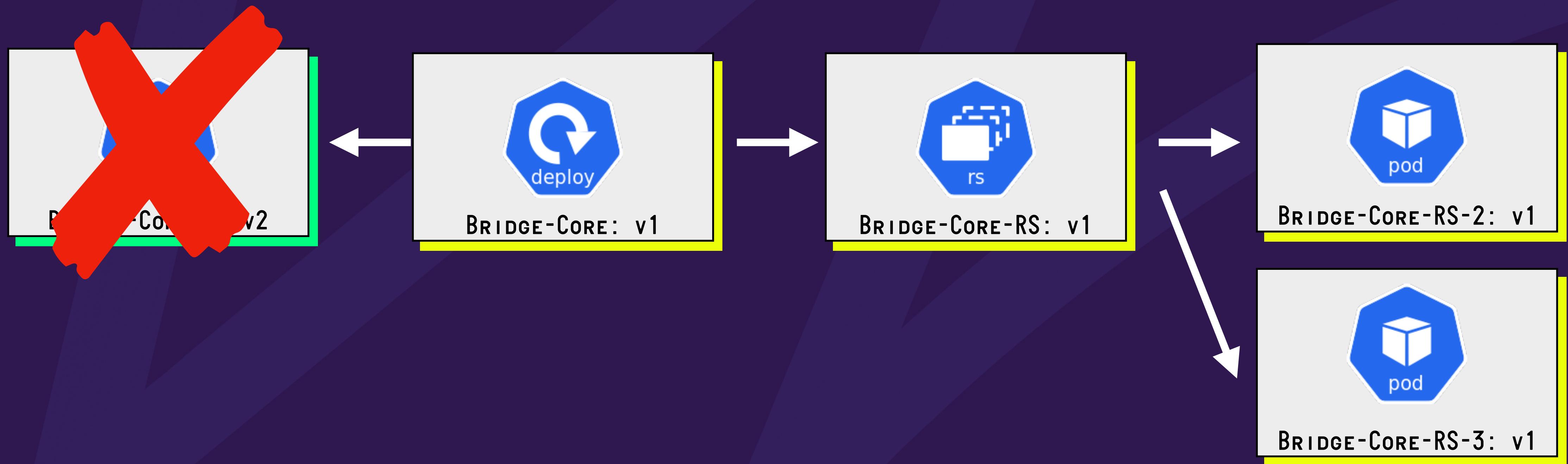
# SOME WEEKS LATER...

@JoelASpeed

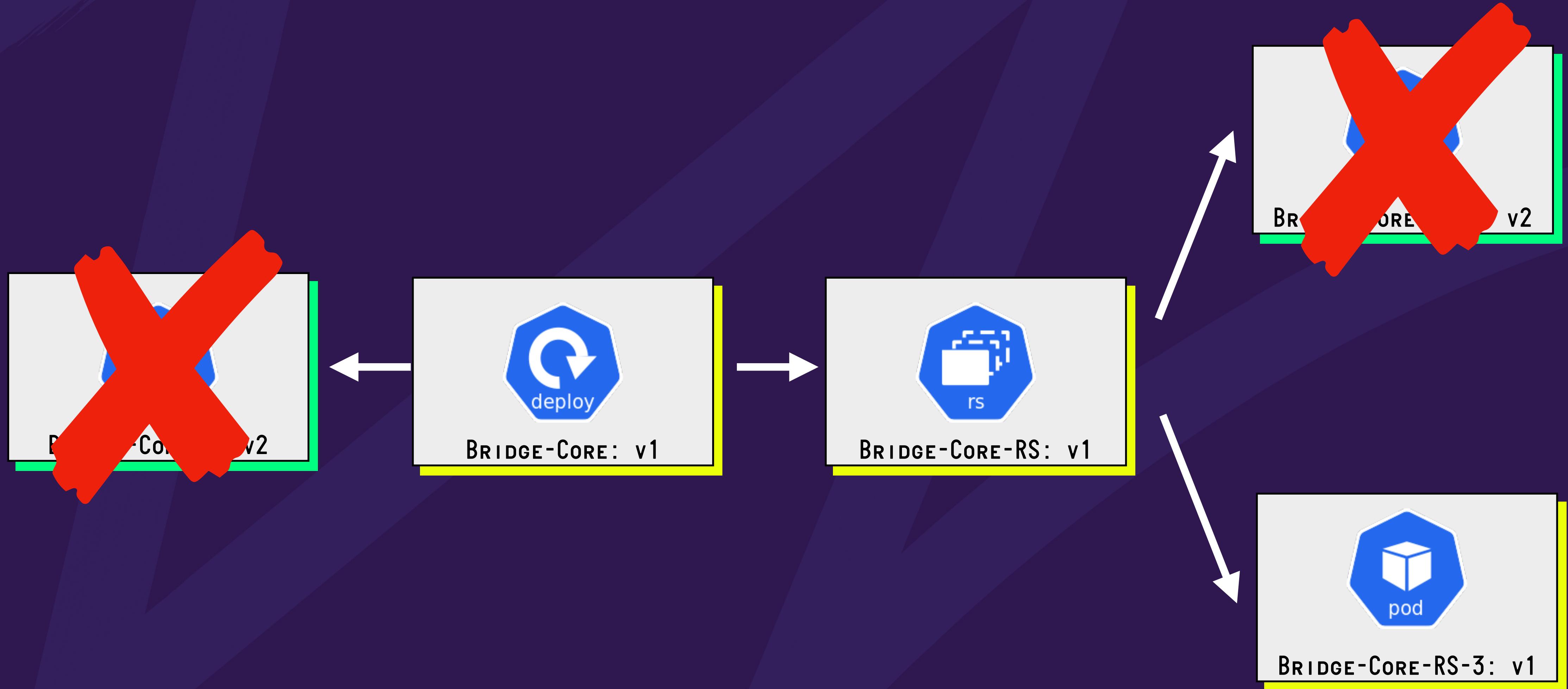


@Pusher

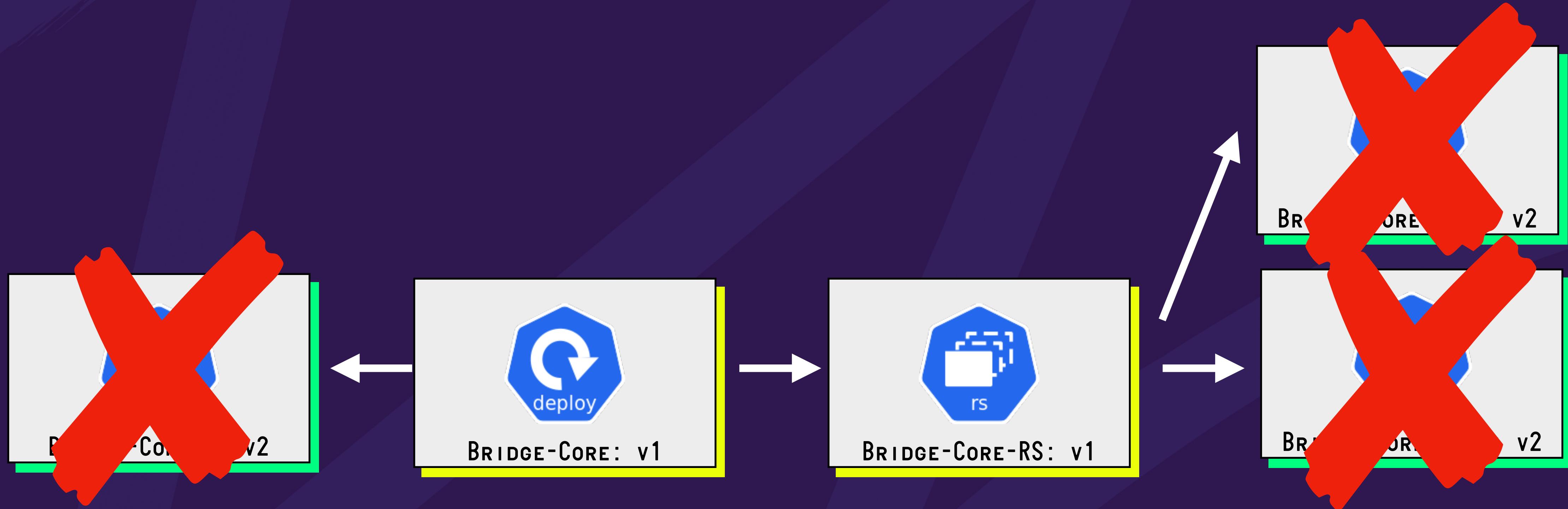
# WHAT HAPPENED?



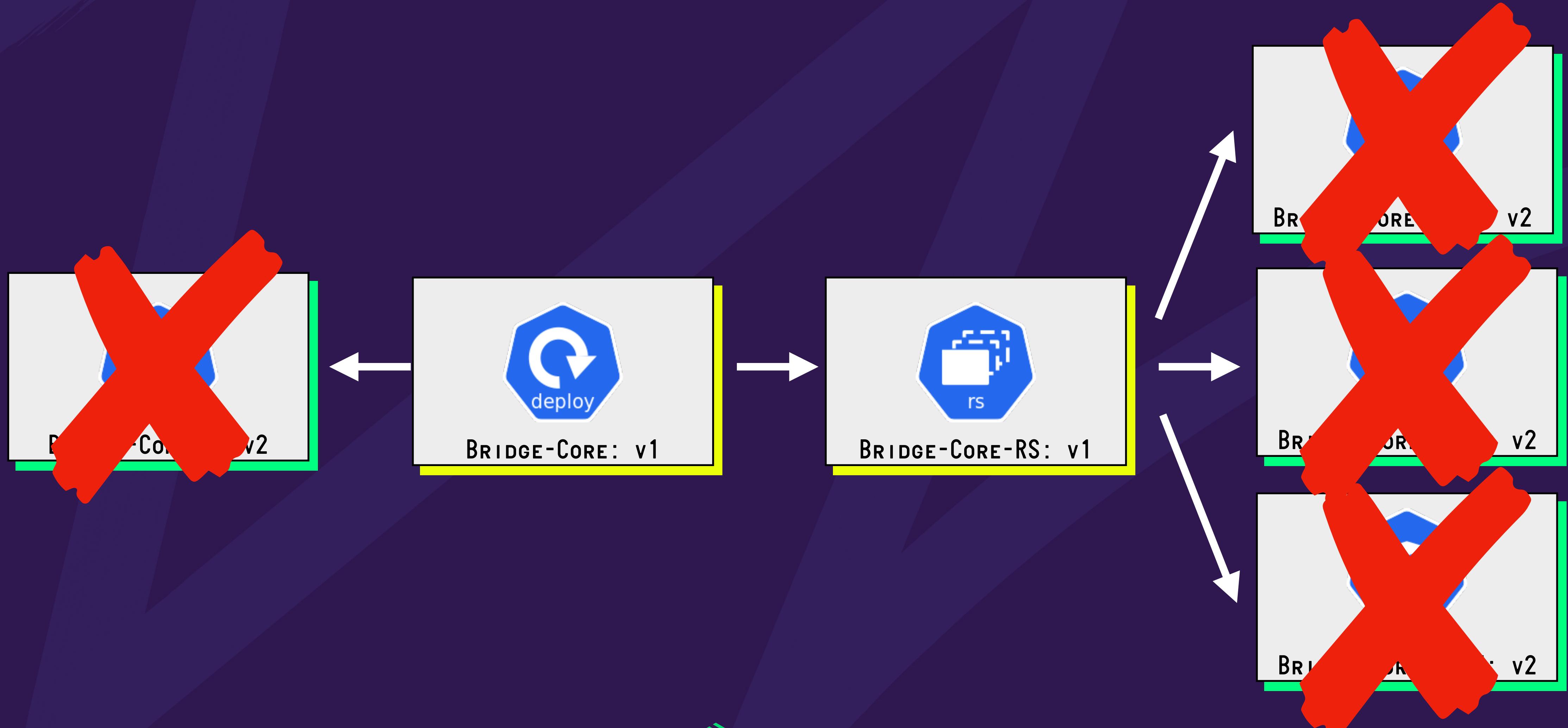
# WHAT HAPPENED?



# WHAT HAPPENED?



# WHAT HAPPENED?

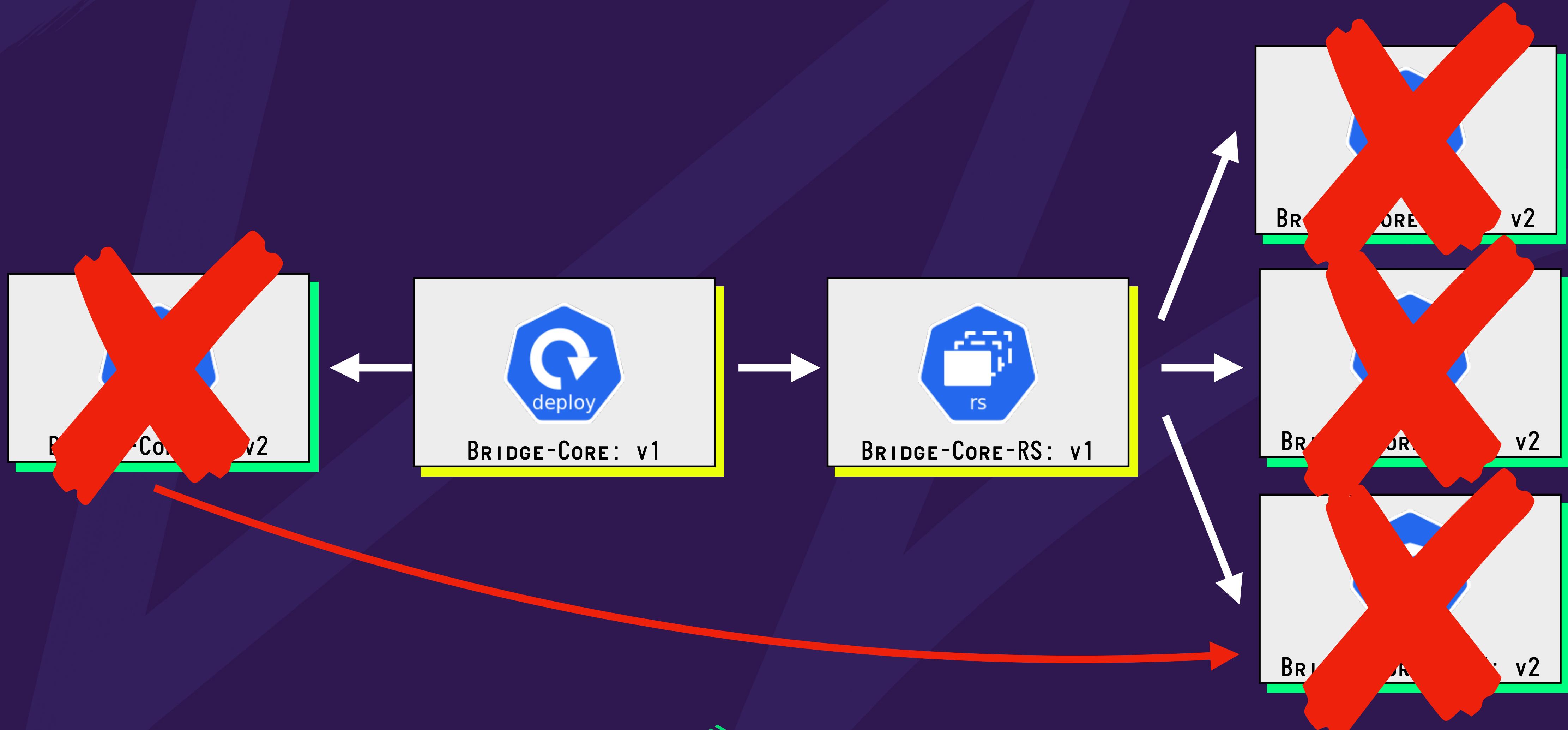


@JoelASpeed

 **PUSHER**

@Pusher

# WHAT HAPPENED?



@JoelASpeed

 **PUSHER**

@Pusher

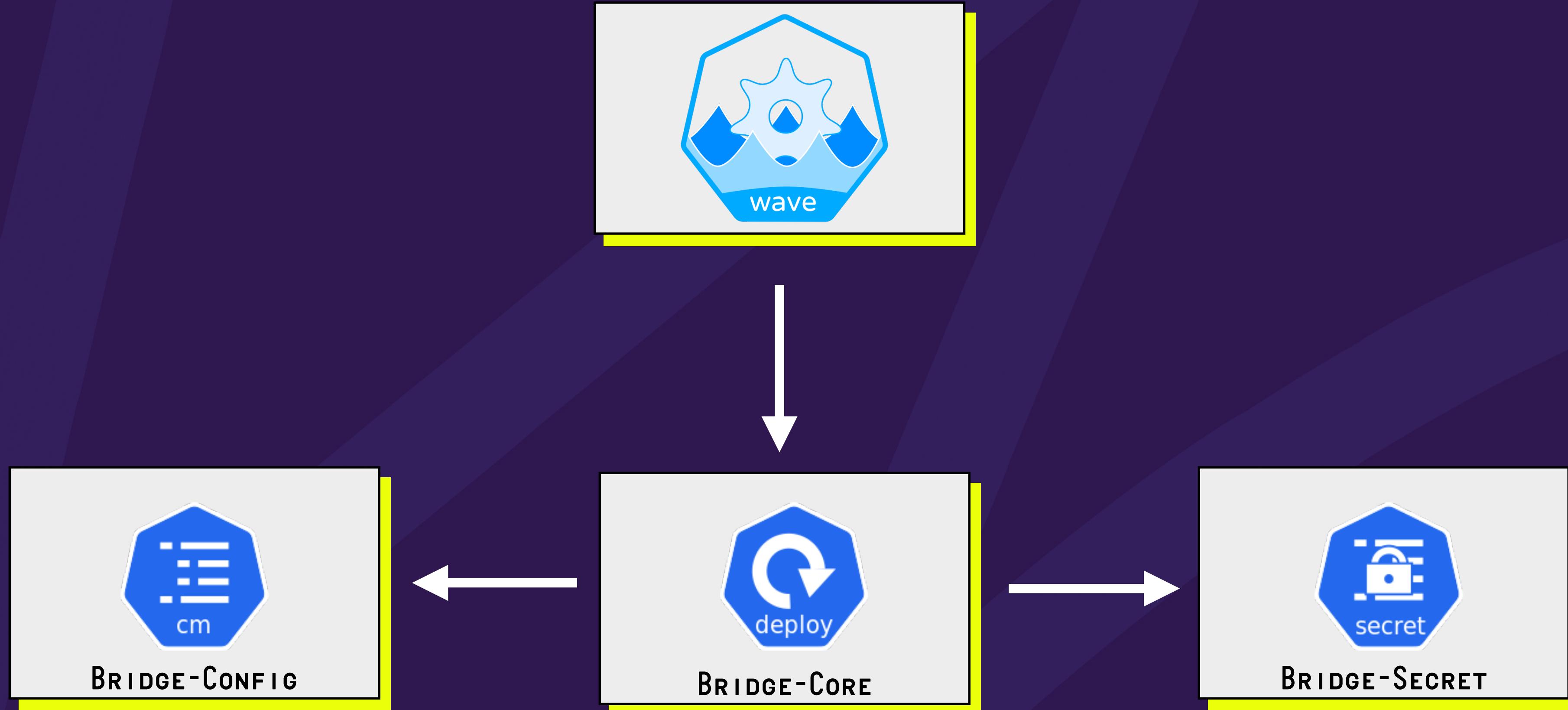
# THIS CAN'T KEEP HAPPENING!

@JoelASpeed



@Pusher

# INTRODUCING WAVE

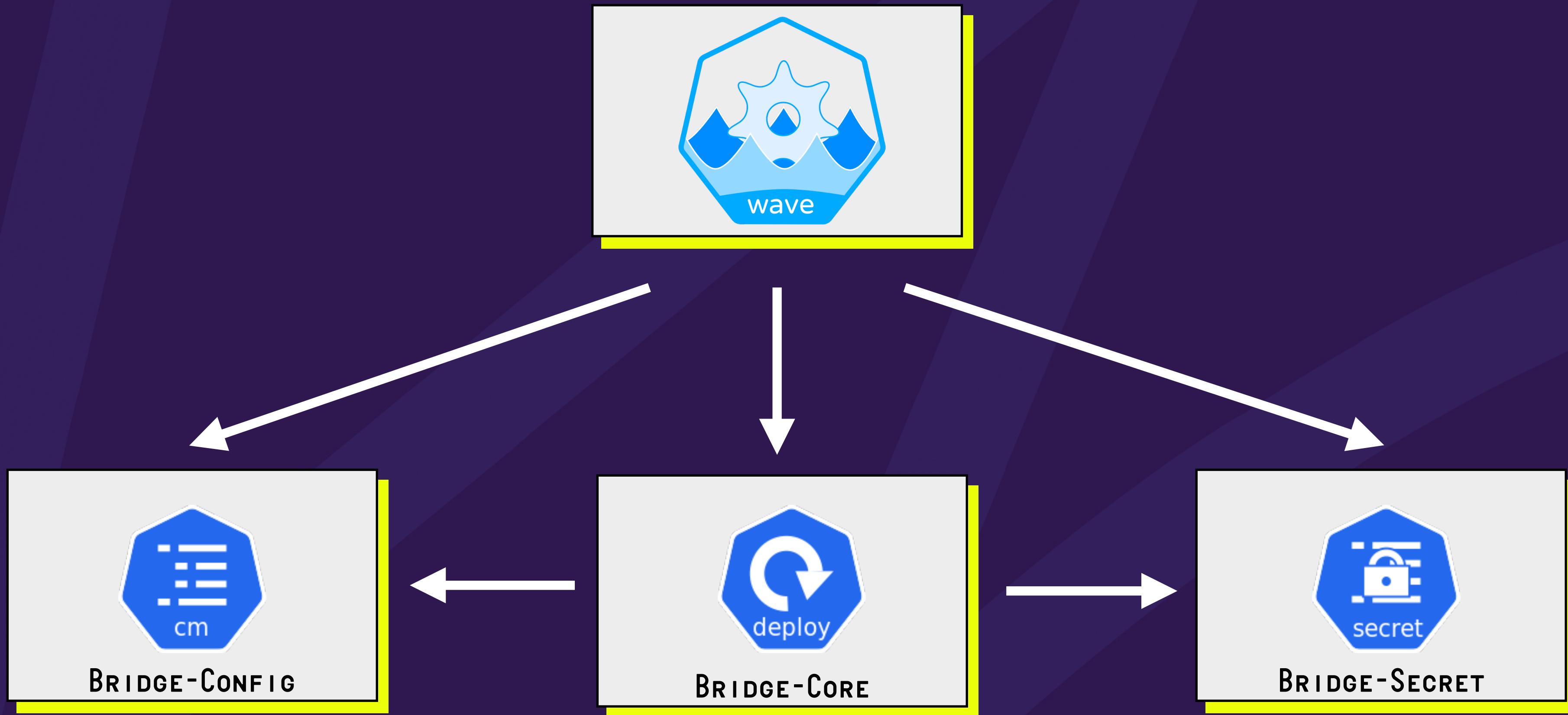


@JoelASpeed

 **PUSHER**

@Pusher

# INTRODUCING WAVE

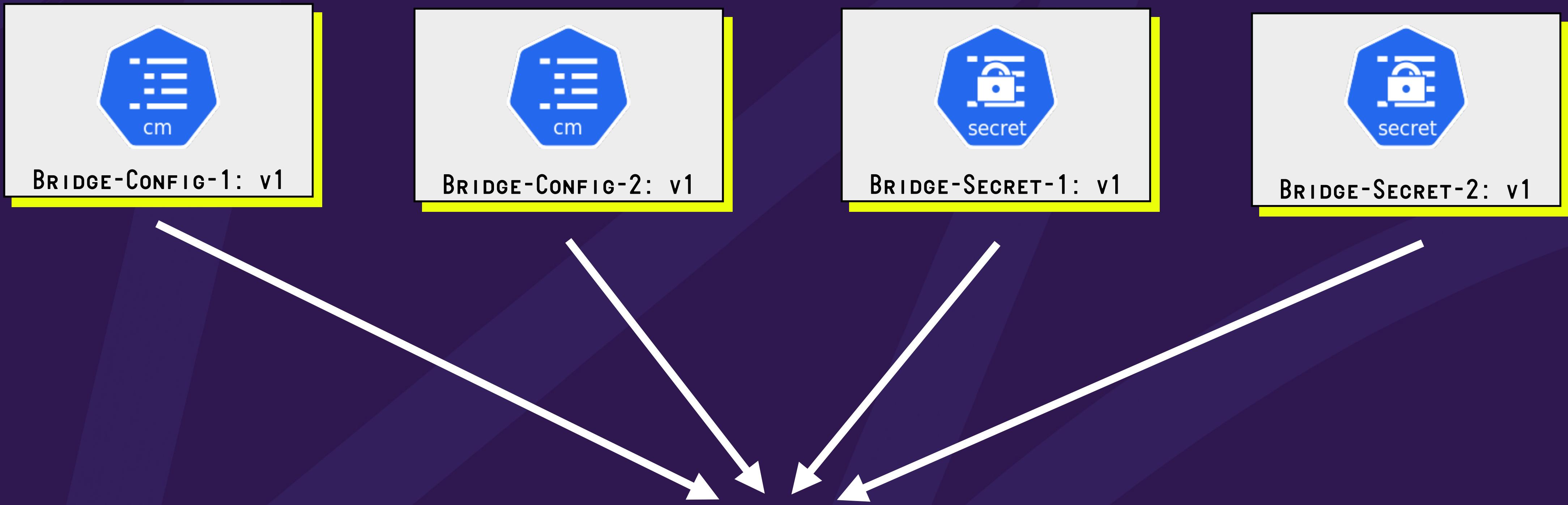


@JoelASpeed

 **PUSHER**

@Pusher

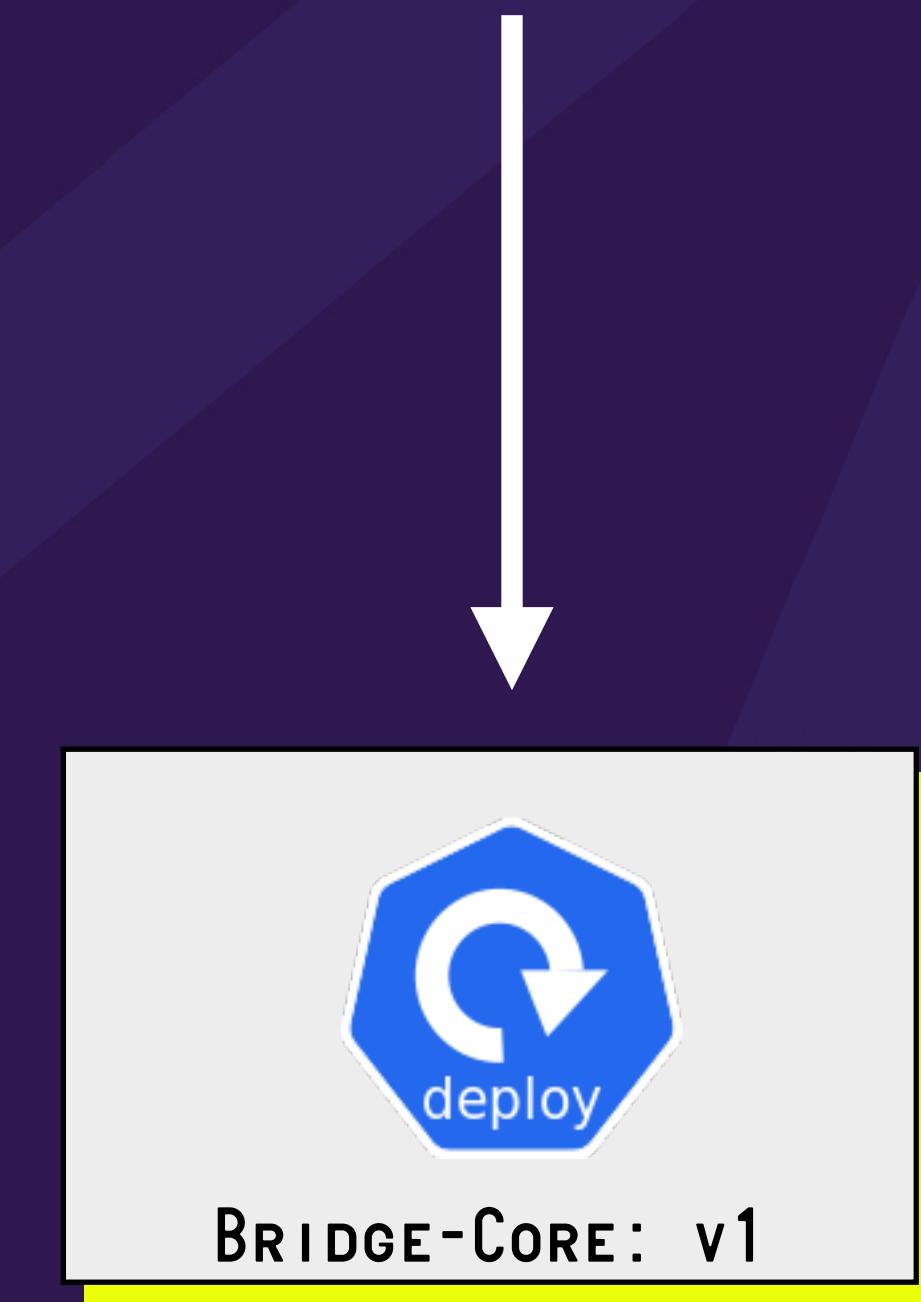
# INTRODUCING WAVE



**03ba204e50d126e4674c005e04d82e84c21366780af1f43bd54a37816b6ab340**

# INTRODUCING WAVE

03ba204e50d126e4674c005e04d82e84c21366780af1f43bd54a37816b6ab340

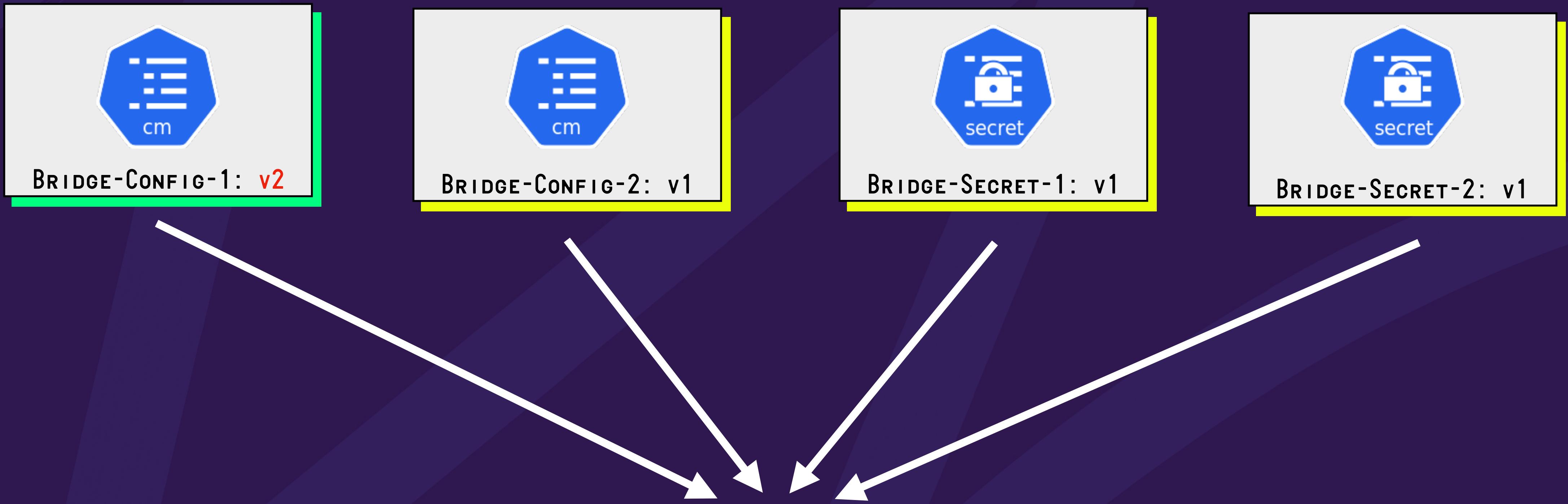


@JoelASpeed

 **PUSHER**

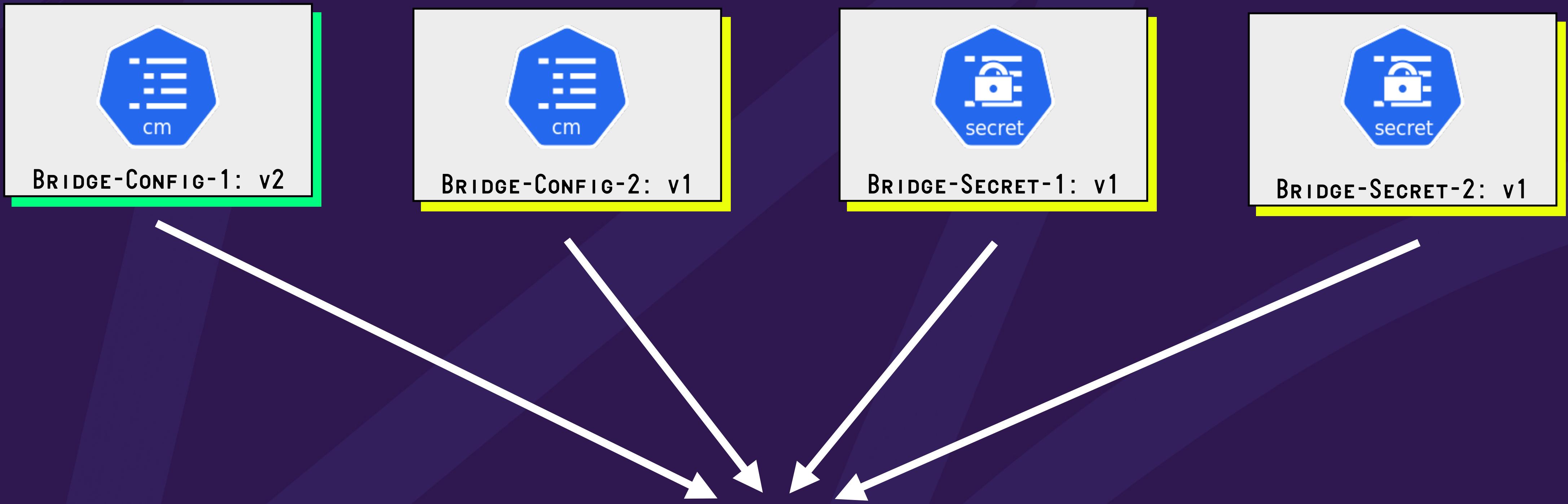
@Pusher

# INTRODUCING WAVE



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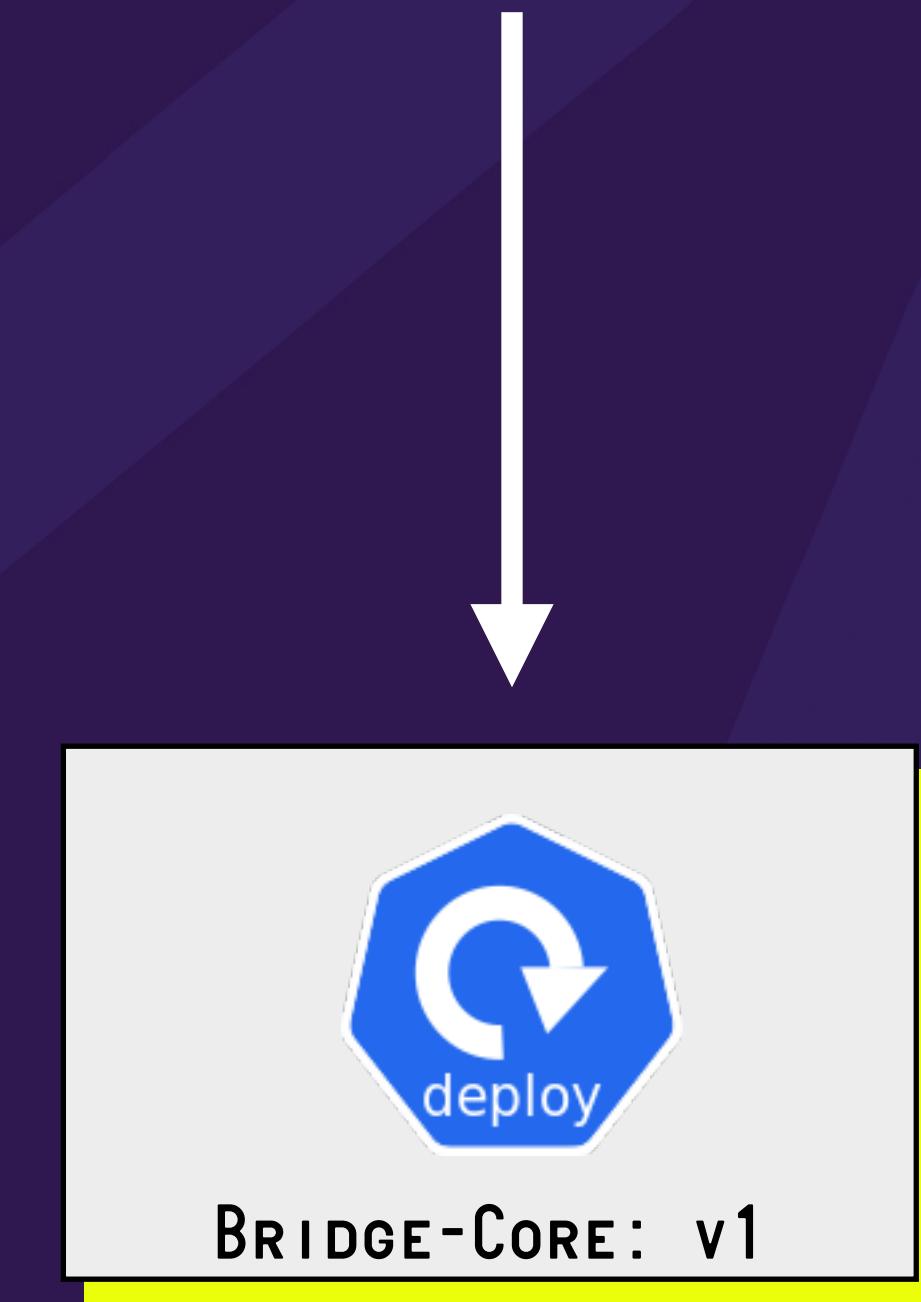
# INTRODUCING WAVE



**283b68aa1feaf3cbe5a71e40f8facac8c4692ebd5819254571c10679d4e339b7**

# INTRODUCING WAVE

**283b68aa1feaf3cbe5a71e40f8facac8c4692ebd5819254571c10679d4e339b7**



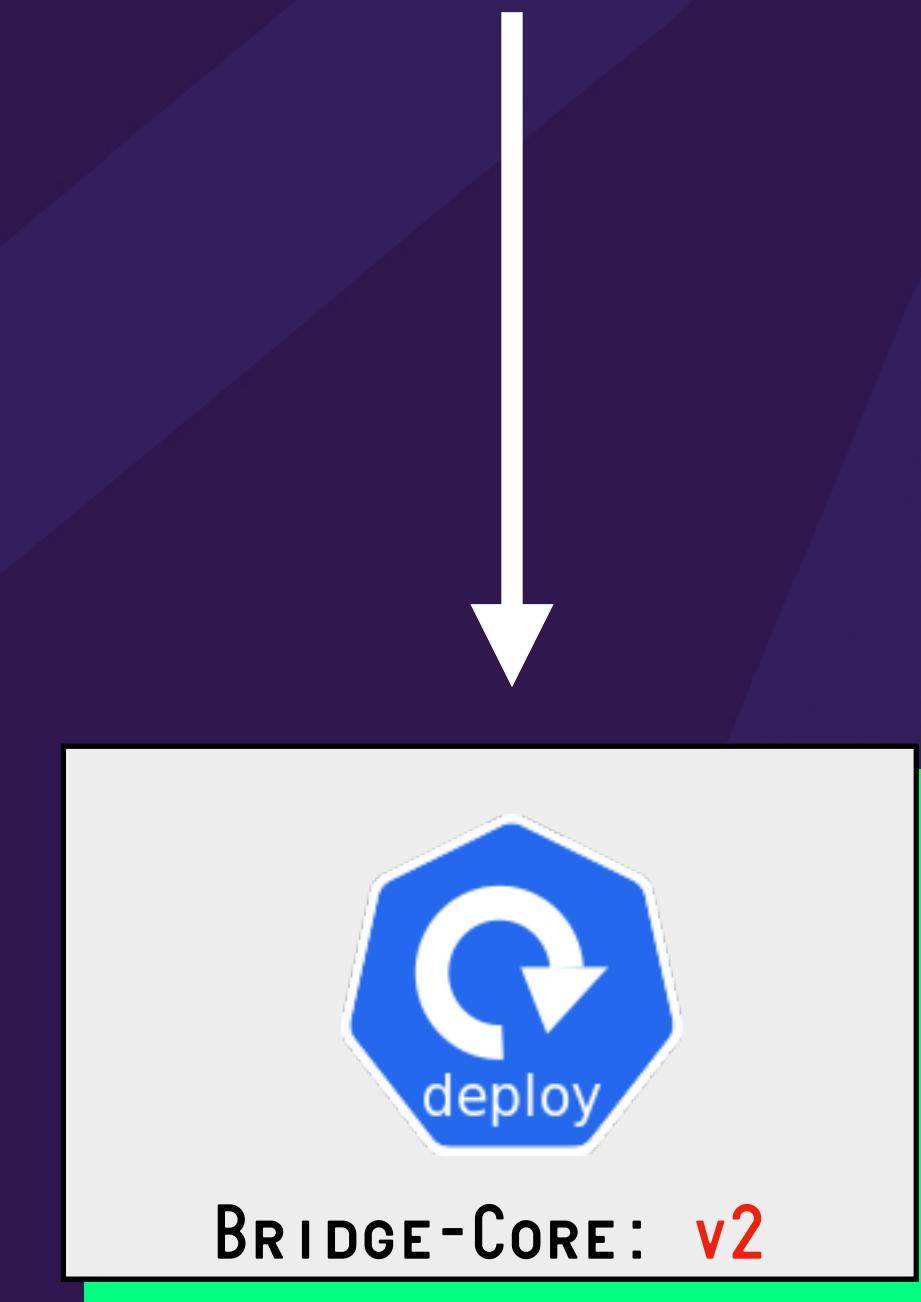
@JoelASpeed

 **PUSHER**

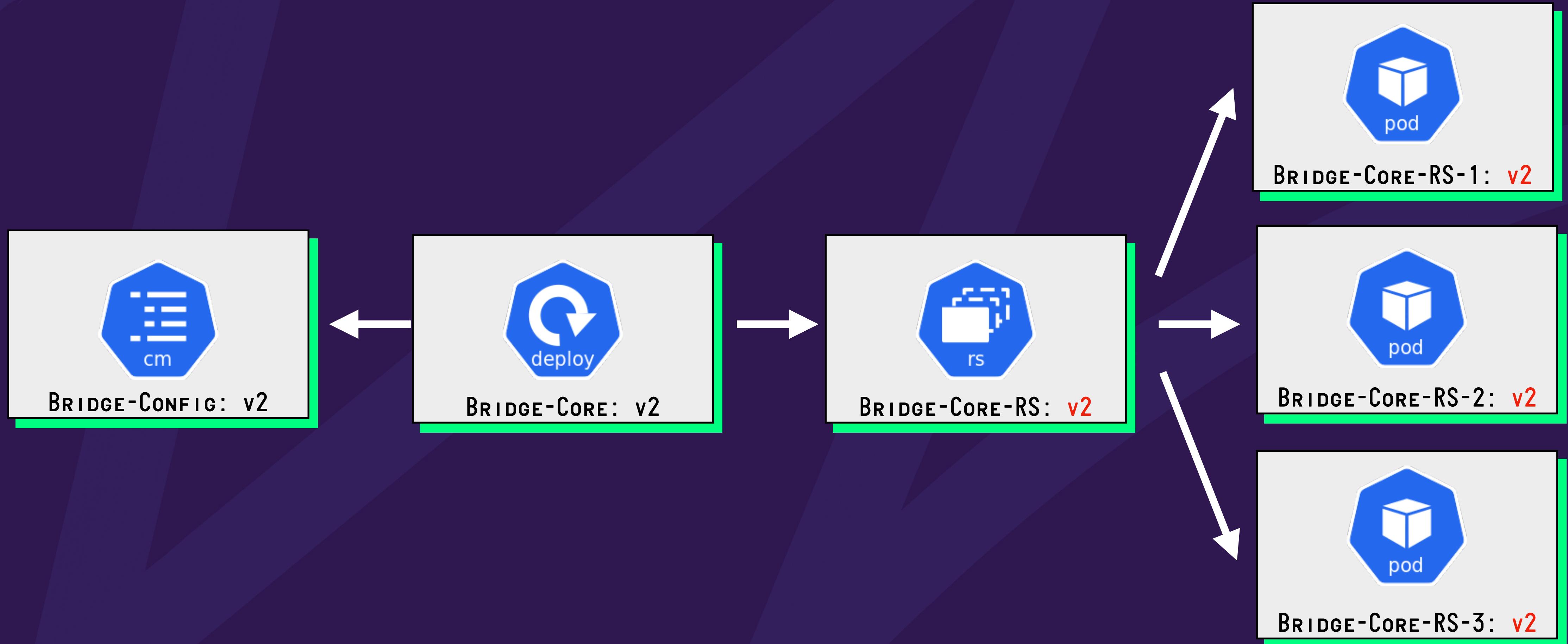
@Pusher

# INTRODUCING WAVE

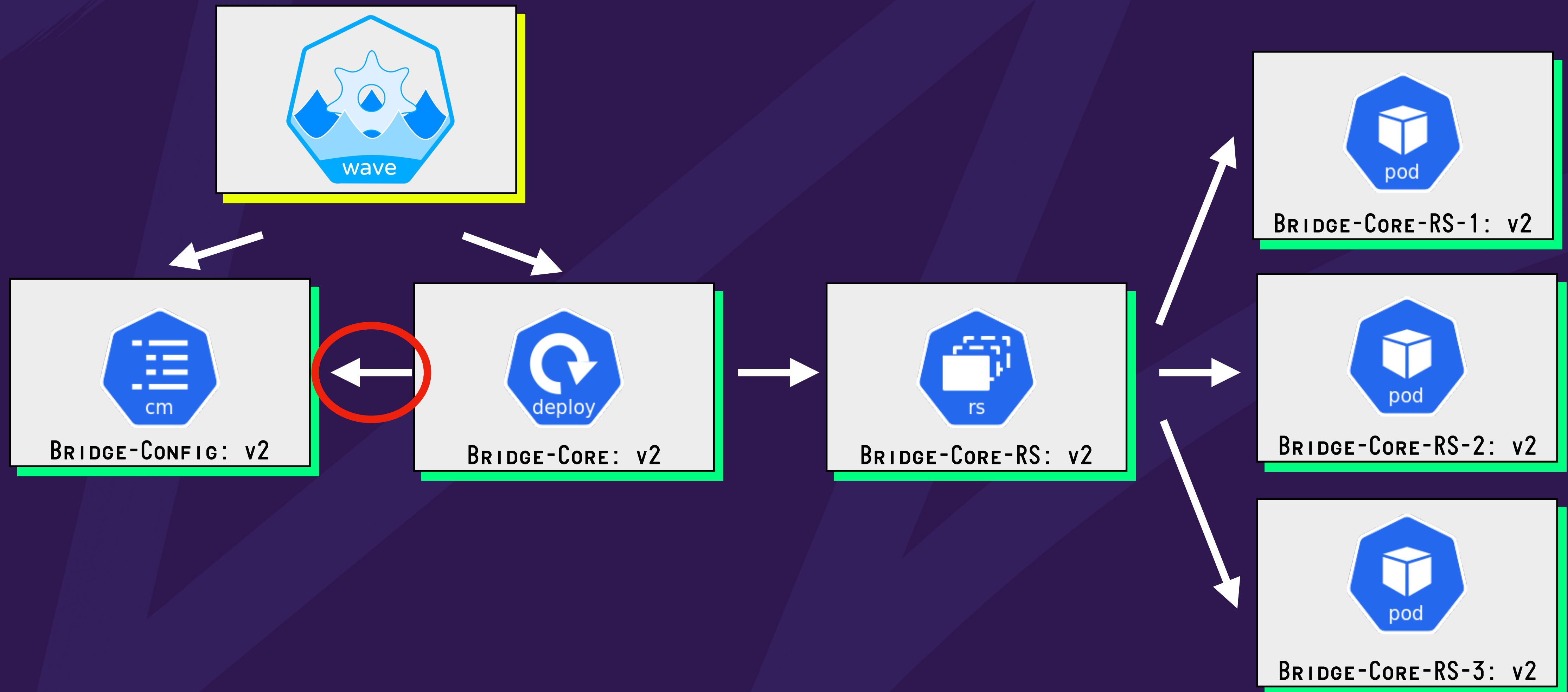
**283b68aa1feaf3cbe5a71e40f8facac8c4692ebd5819254571c10679d4e339b7**



# INTRODUCING WAVE



# INTRODUCING WAVE

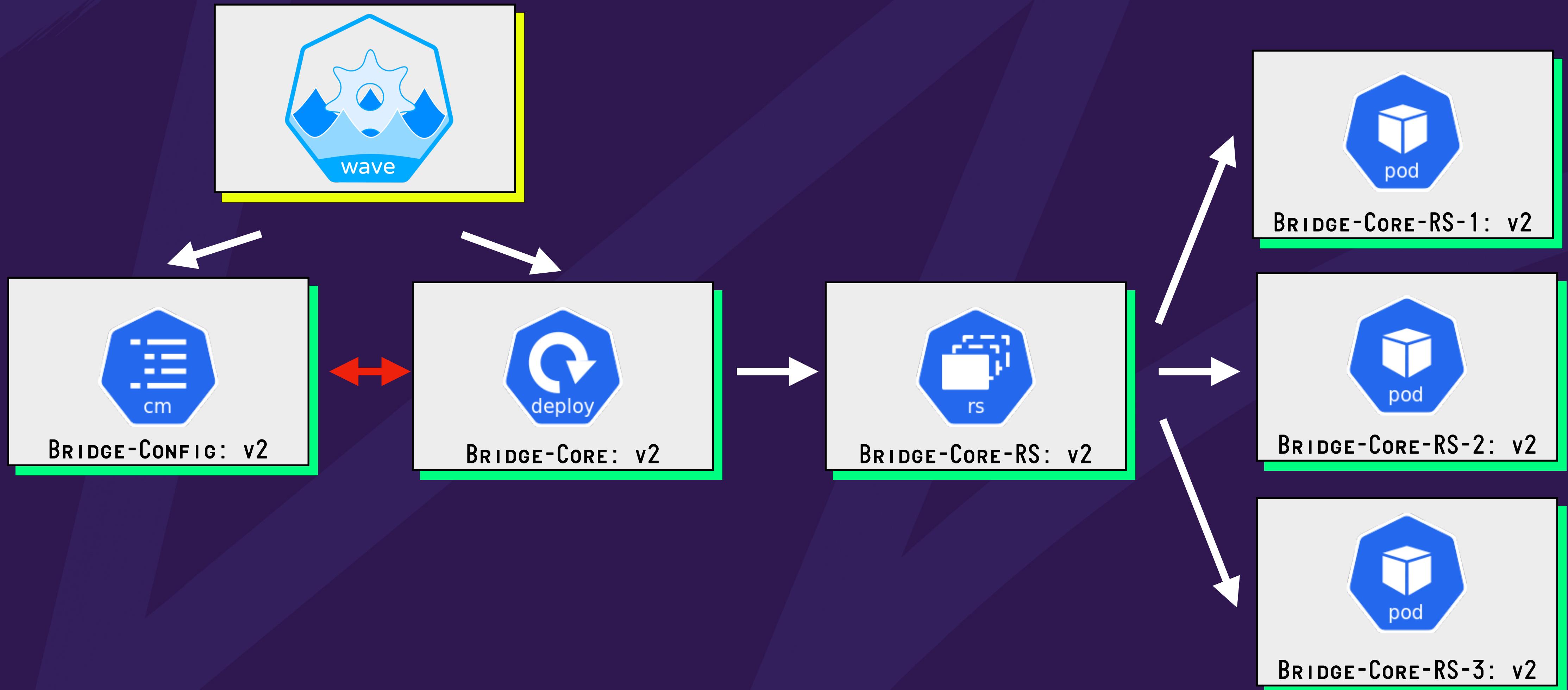


@JoelASpeed

 **PUSHER**

@Pusher

# INTRODUCING WAVE

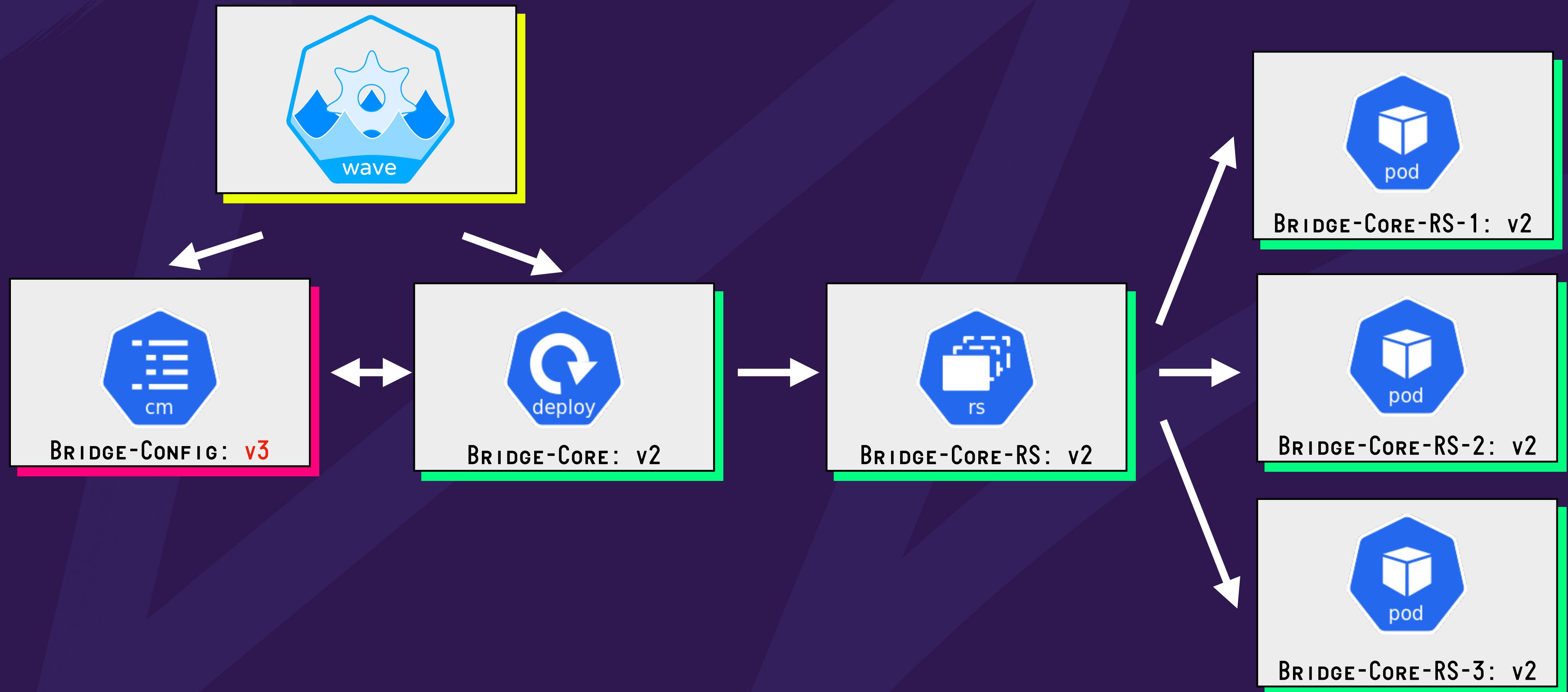


@JoelASpeed

 **PUSHER**

@Pusher

# INTRODUCING WAVE

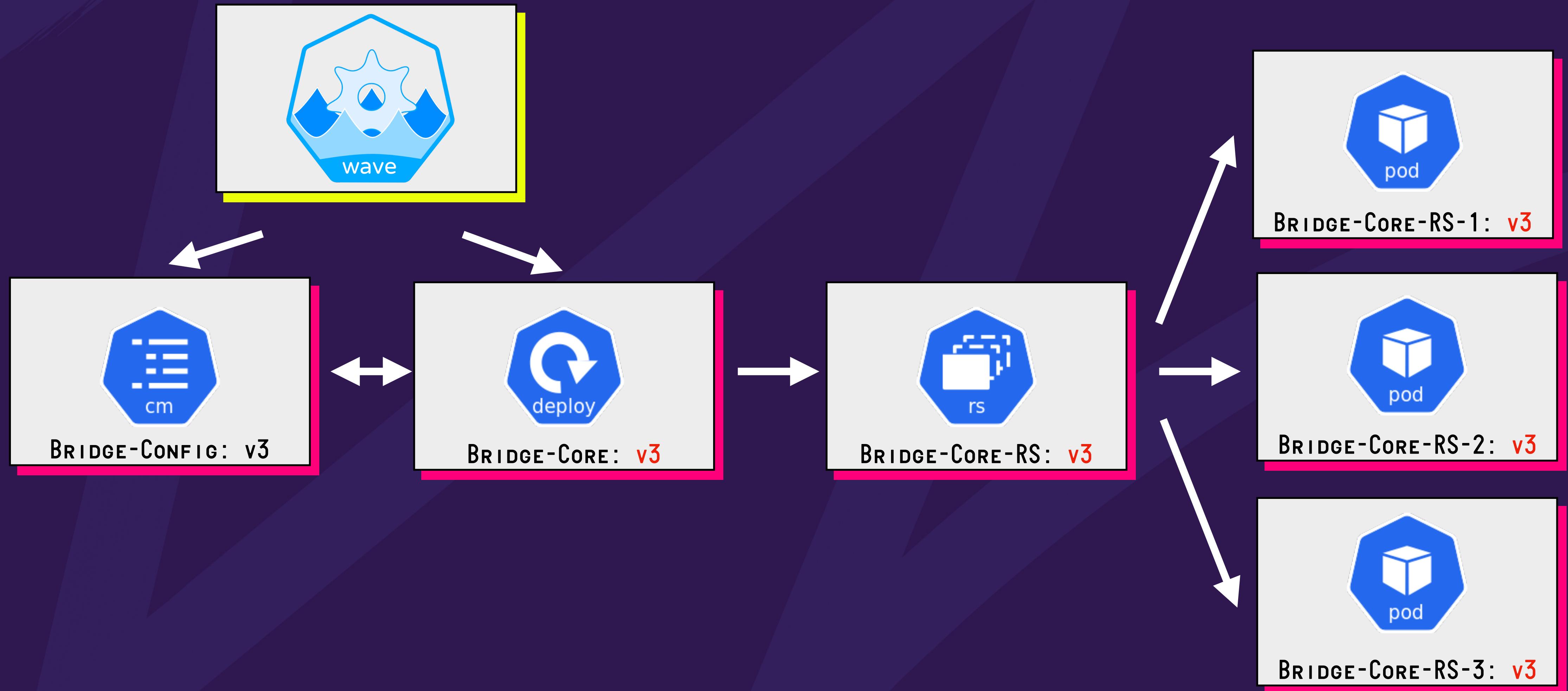


@JoelASpeed

 **PUSHER**

@Pusher

# INTRODUCING WAVE



# LIGHTER TIMES (SEE 2019)

## 2018-04-30 Global Platform-Integration downtime (OBSIDIAN STAG)



**Samuel Yallop**

Last modified May 04, 2018

### Incident Details

**03:20** (Downtime in Platform-Integration) on Global cluster, April 30th

### What went wrong?

- A configuration change was applied without restarting the deployment that depended upon it.

# LIGHTER TIMES (SEE 2019)

2018-04-30 Global Platform Integration downtime (OBSIDIAN STAG)



**Samuel Yallop**

Last modified May 04, 2018

## Incident Details

**03:20** (Downtime in Platform-Integration) on Global Platform Integration

## What went wrong?

- A configuration change was made without proper testing, leading to a deployment that depended upon it.

@JoelASpeed

 **PUSHER**

@Pusher

# ...AND THEY LIVED HAPPILY EVER AFTER

(Thanks for listening)