



Once more unto the breach...

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Once More Unto The Breach...

- Whose Data?
- What, Where?
- Where For Art Thou Security?
- Security – Shift Left Or Left Behind?
- Are APIs The New Gateway?
- Summary of Recommendations



A black and white photograph of two men in a server room. They are standing with their backs to the camera, looking at rows of server racks. Both men have their hands pressed against their heads, suggesting a state of stress, frustration, or confusion. The man on the left is wearing a light-colored, long-sleeved button-down shirt and light-colored trousers. The man on the right is wearing a dark, vertically striped, long-sleeved button-down shirt and dark trousers. The server racks are filled with various electronic components, and a computer monitor is visible on the right side of the frame.

Whose Data is it Anyway?

This is the most detailed portrait yet of data breaches in Australia

But there's still a huge amount missing from the picture.

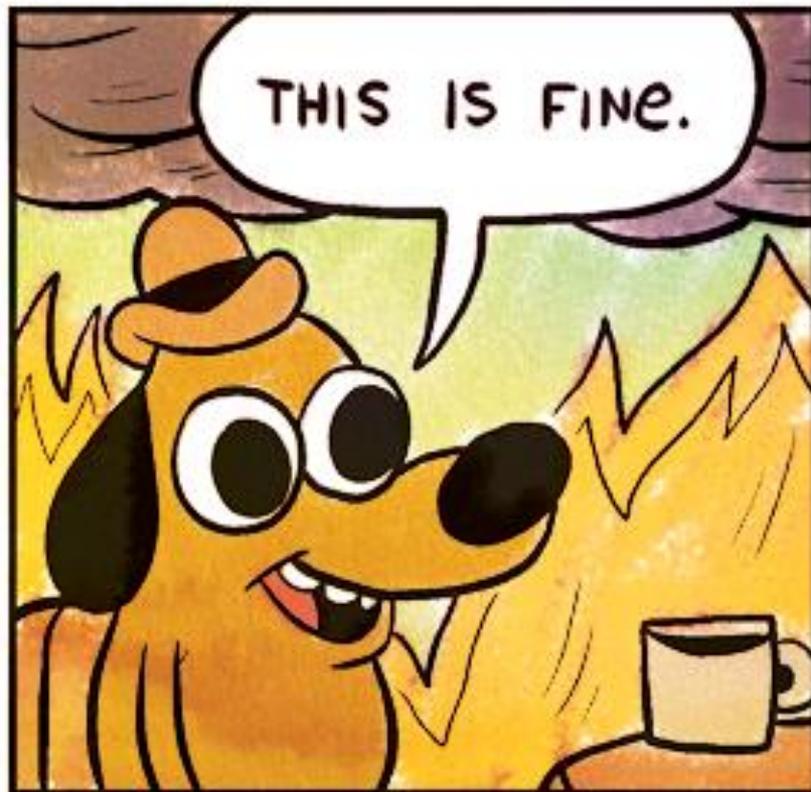
The organisation that has been breached is *“only going to know what information they're adding to the ecosystem, not what information is already out there”*

– Lyria Bennet Moses, Cybersecurity Law Expert at UNSW



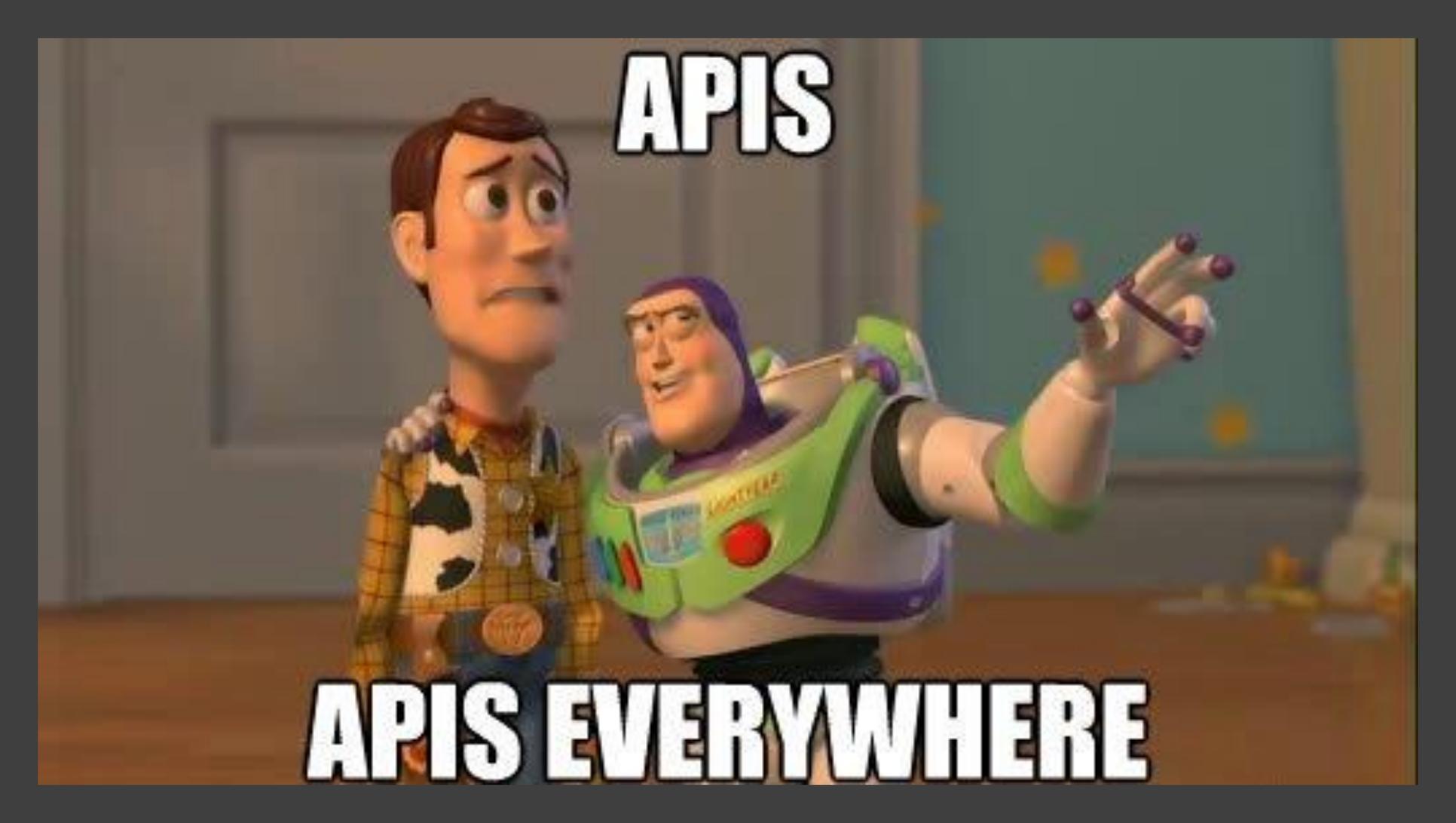
I SEE YOU USE PROD DATA IN TEST

I TOO LIKE TO LIVE DANGEROUSLY



SECURITY

**WE ARE NOT
RESPONSIBLE.
FOR ITEMS
LEFT BEHIND**



APIS

APIS EVERYWHERE

Recommendations Summary

- Only collect what you need.
- Delete data once permitted purpose is fulfilled.
- Tokenise or use dummy data.
- Govern access to data – regardless of the environment.
- All environments require at least baseline security controls.
- Achieve consistency of security controls, posture and alerting.
- Continuously, automatically, discover (APIs).
- Use and/or generate OpenAPI Spec files for positive security model.

- Egress Control.



*“Australia the most cyber secure
nation in the world by 2030”*

– Claire O’Neil Minister for Cyber Security and Home Affairs

Show us here the mettle of your pasture. The game’s afoot.



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