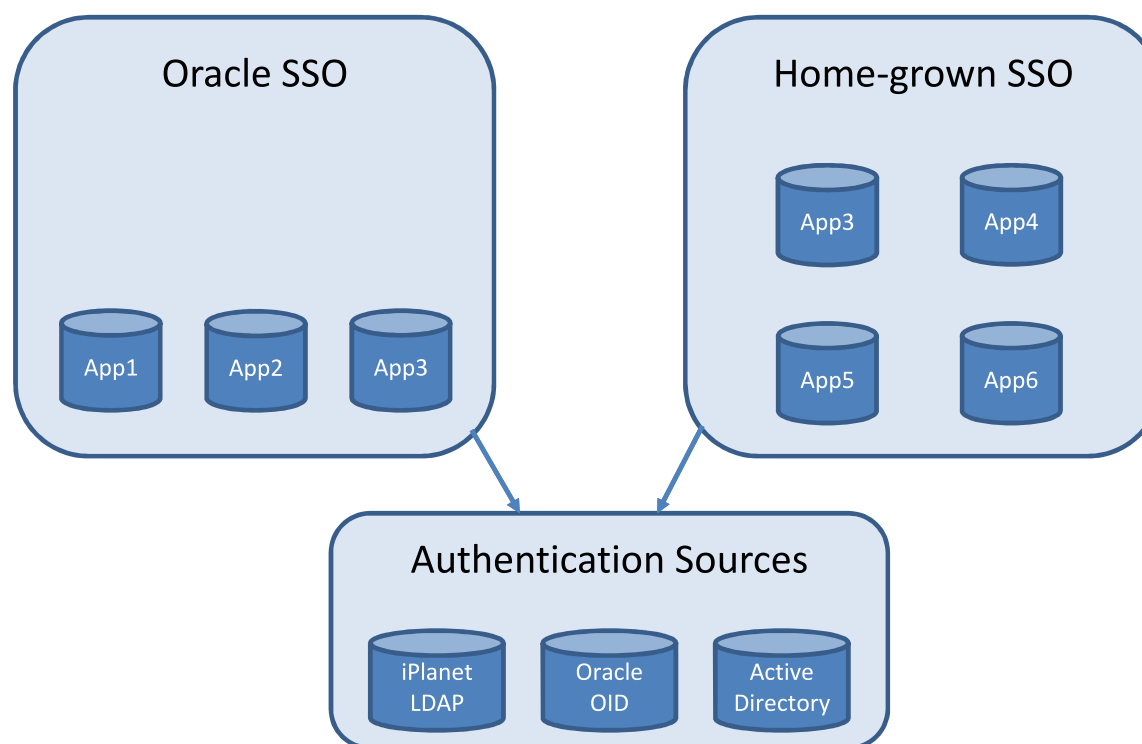




F5-APM: the “glue” for USQ’s SSO and Access Management Solution

Presented by
Daniel Ehrlich

In the beginning...



The Project...



NERD FIGHTS

They're Brutal.

Scope...

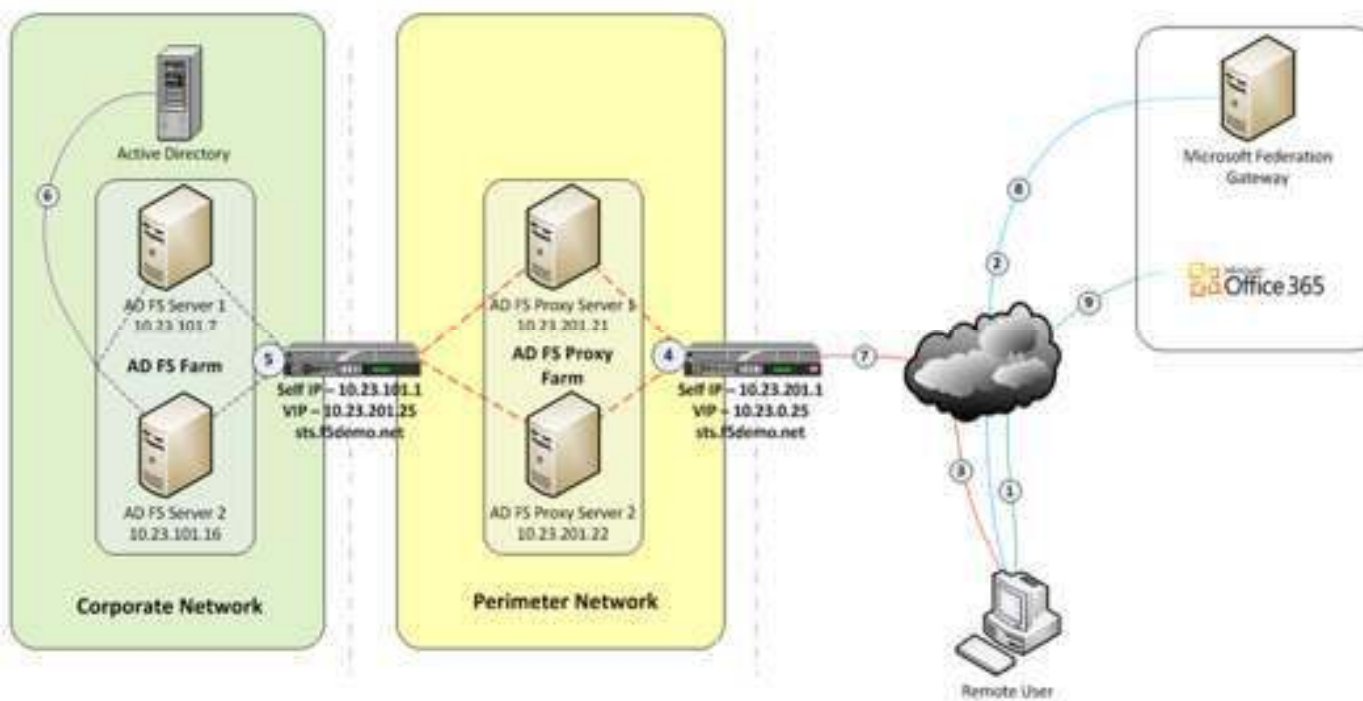


Challenges...



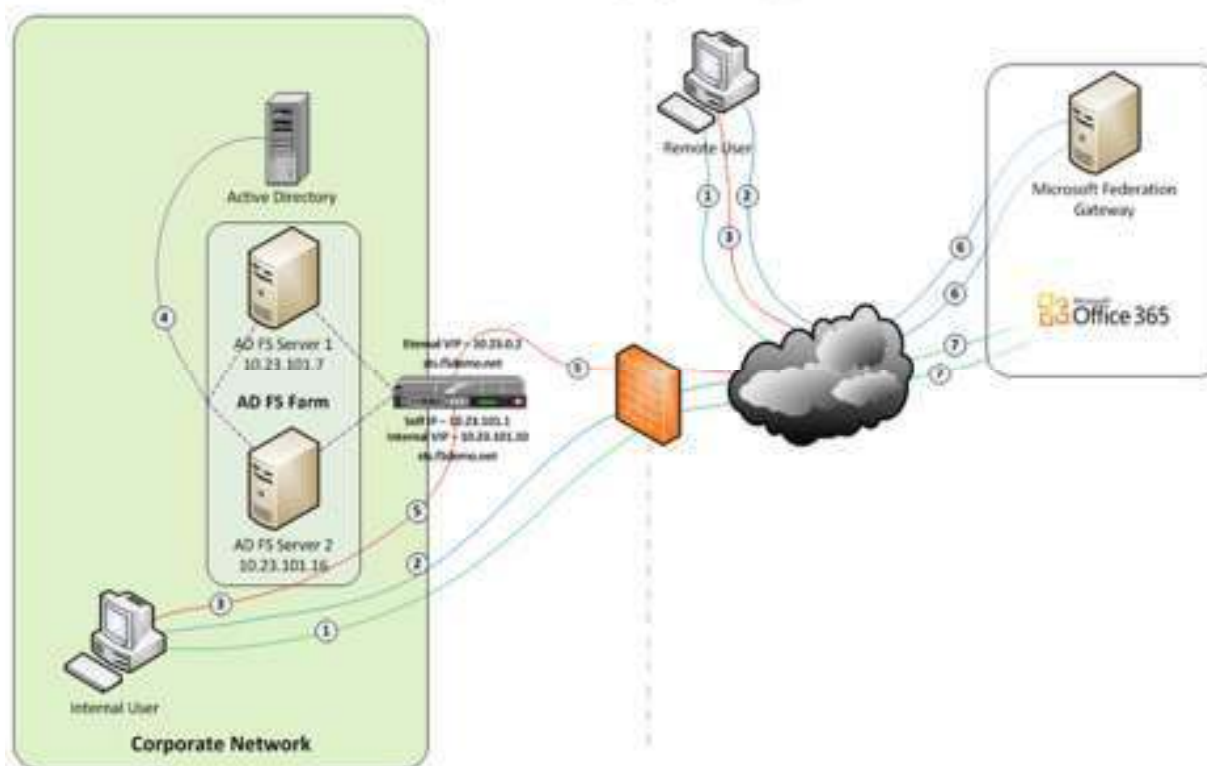
ADFS (F5 HA)...

Figure 1 – BIG-IP load balancing and optimizing ADFS and ADFS Proxy



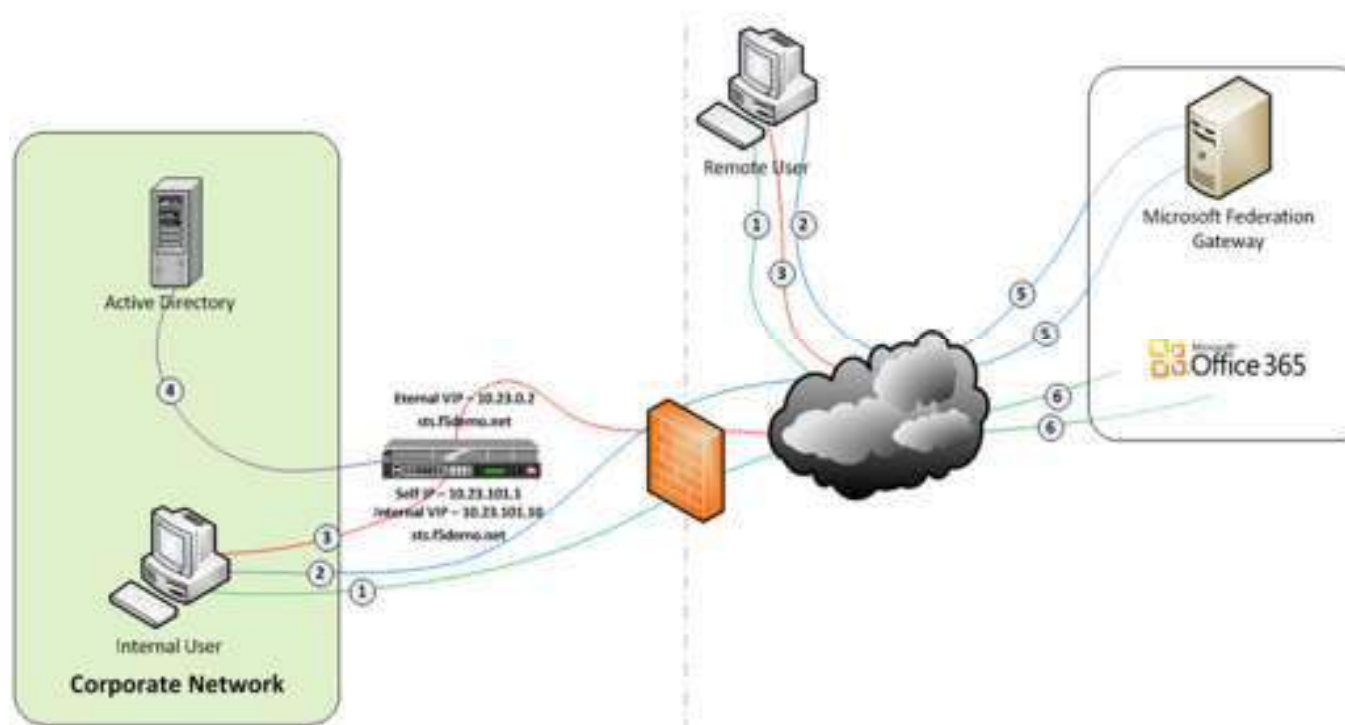
ADFS (F5 Proxy and HA)...

Figure 2 - BIG-IP with APM replacing the ADFS Proxy layer



No ADFS...

Figure 3 – BIG-IP with APM replacing the entire ADFS infrastructure



Customisations...



Secure Logon
for F5 Networks

Username
jrahm

Password

Domain
devcentral

Logon

Before

UNIVERSITY
OF SOUTHERN
QUEENSLAND

Username
|

Password

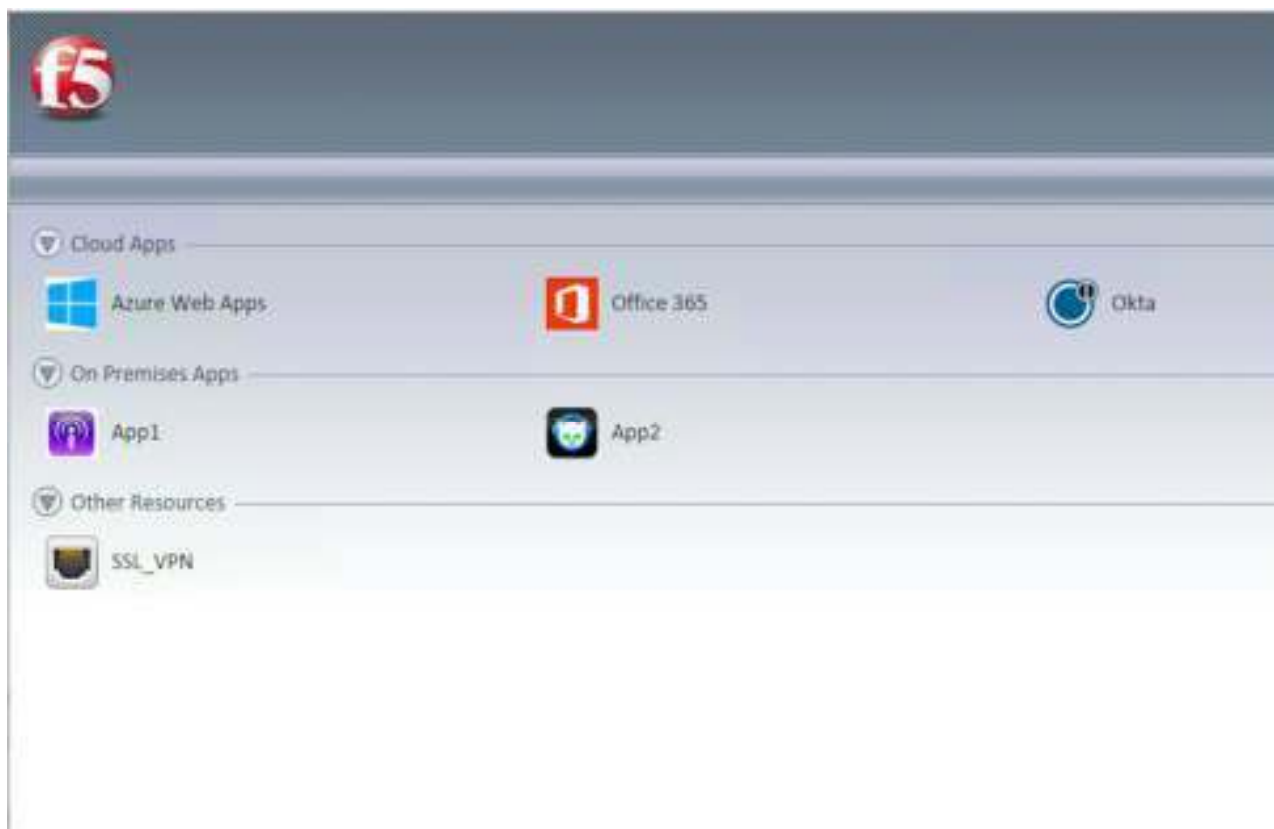
Logon >

[Forgotten Password?](#)

[Trouble logging in?](#)

After

Customisations...





SSO Them All...



Adobe Creative Cloud



Tools and Tips...



- SAML tracer add-on
- Documentation and successful captures
- Practice



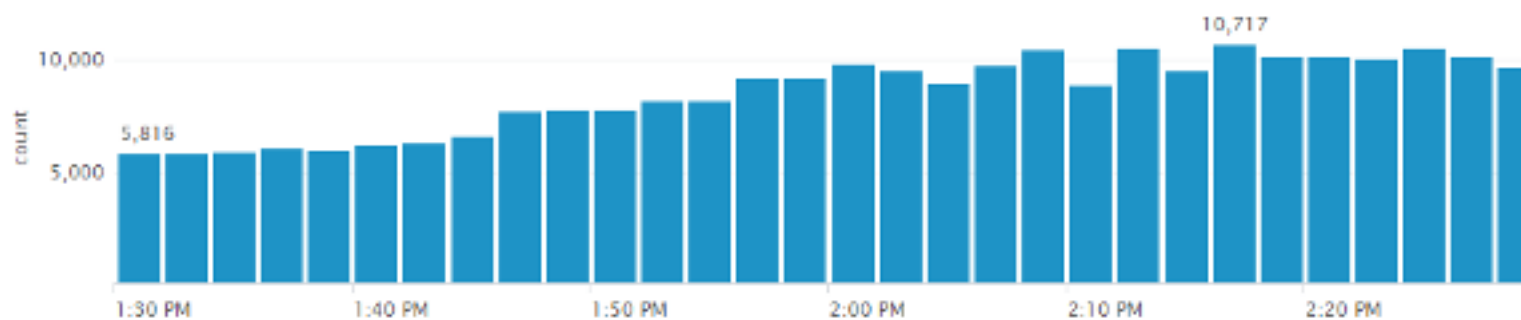
“Read the logs”

Our F5 APM...

- Over 55 systems SSO'd
- v12 running very stable and reliable
- Brute force detection and prevention
- Integrated with Splunk



Concurrent SSO Sessions



Our Future SSO...

- Captcha on login page for failed attempts
- Step-up auth in v13
- Duo for 2FA
- F5 APM to replace all OAuth roles



Conclusion...

