



Australian Government
Geoscience Australia



Australian Exposure Information Platform

Transition to a self service environment using FME Cloud based services

The AEIP is...

a self service portal where individuals and organisations interested in disaster mitigation and disaster recovery planning can generate a report outlining the exposure for a given area. Exposure is structured by themes;

- Agriculture
- Socio-economic
- Environmental
- Infrastructure
- Institutions
- Business

At the 2018 FME World Tour...

- Covered GA's journey to (internally) automate Exposure Report production using a combination of ArcGIS, FME and XML / HTML
- Outlined the challenges and progress
- Highlighted the time savings and benefits to both GA and GA's clients (EMA/CCC)
- Indicated GA was transitioning to a web based self service portal

This time last year...

- Self-service using FME Cloud, AWS Infrastructure and ArcGIS Online

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bushfire/natural
HAZARDS CRC

Australia Exposure Information Platform (AEIP)

Exposure Information and Extraction Tool (Development)

Welcome to the Geoscience Australia Exposure Extraction Tool

Step 1: Select Exposure Theme(s):

- Agriculture
- Building
- Business
- Demographic
- Institution
- Infrastructure

Step 2: Define Area of Interest:
Use ONE option below to define your area of interest

Upload Draw Select

Draw an area on the Map

Draw Undo Redo Clear

Step 3: Email Address:
Enter an email address to the send downlink link when processing is complete

name@example.com

Submit Request

Beta launch at the Australasian Fire & Emergency Management Conference (AFAC), Sept 2018

<https://www.info.aeip.ga.gov.au>

<https://app.aeip.ga.gov.au/index.html>

Nearly 2,000 externally generated reports

750 LGA and FDRA reports (available via EM Resource Directory)

Upgraded server to meet demand/load

No major changes since launch

Revised data in the coming weeks

Upcoming stakeholder survey to inform changes and improvements



Implementation and design thoughts

Testing

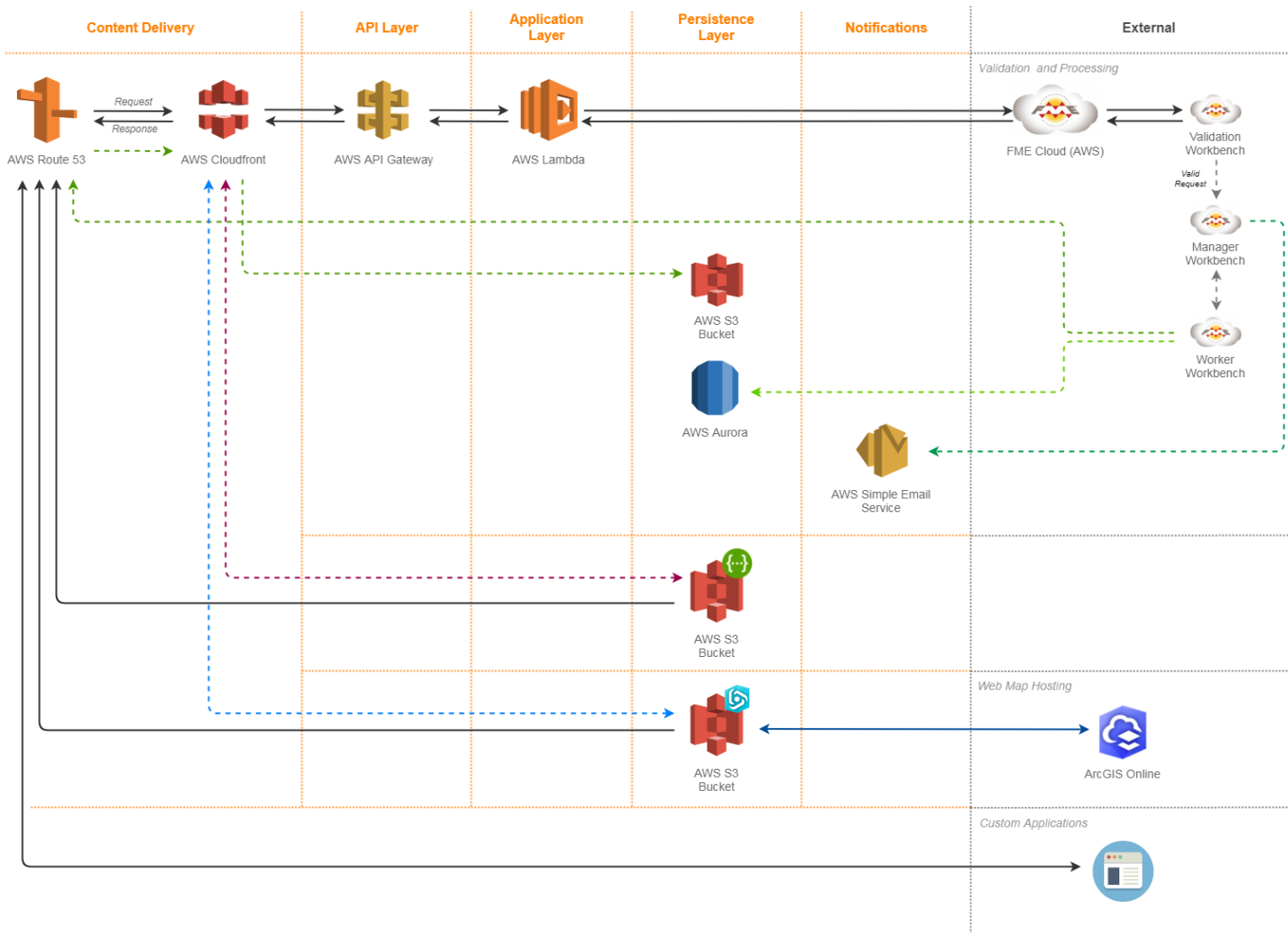
FME Cloud set up and maintenance

Advice and direction

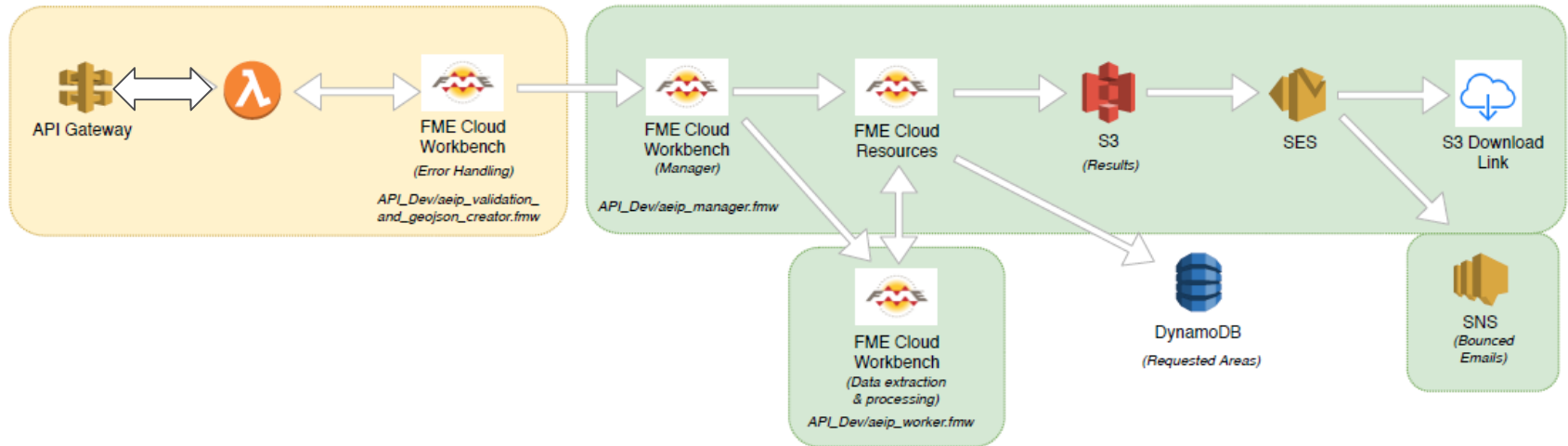
Troubleshooting

Revision to XLS outputs

Components



Workflow (digital tennis)



Pros

- Mostly hands off approach
- Tracking and monitoring
- New clients (100+ unique email domains)

Cons (but not show stoppers)

- Updating can be daunting
- Error finding in FME Cloud
- Dependencies
- Passwords, log-ins, authentications, permissions, IT approvals
- Lack of in-house FME Cloud knowledge



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This is not the end....

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