Australian Government

GovCMS

The Distro & the Platform

Please mute your microphones. This session will be recorded.

The Distro - Roadmap

- Release Schedule

- Preview Process

- Shipshape

- SOLR 7 to 8

- 9.5 & CKEditor5 Preview

- API

Immediate Concerns:

- Deprecated functionality out of CORE

- Theming

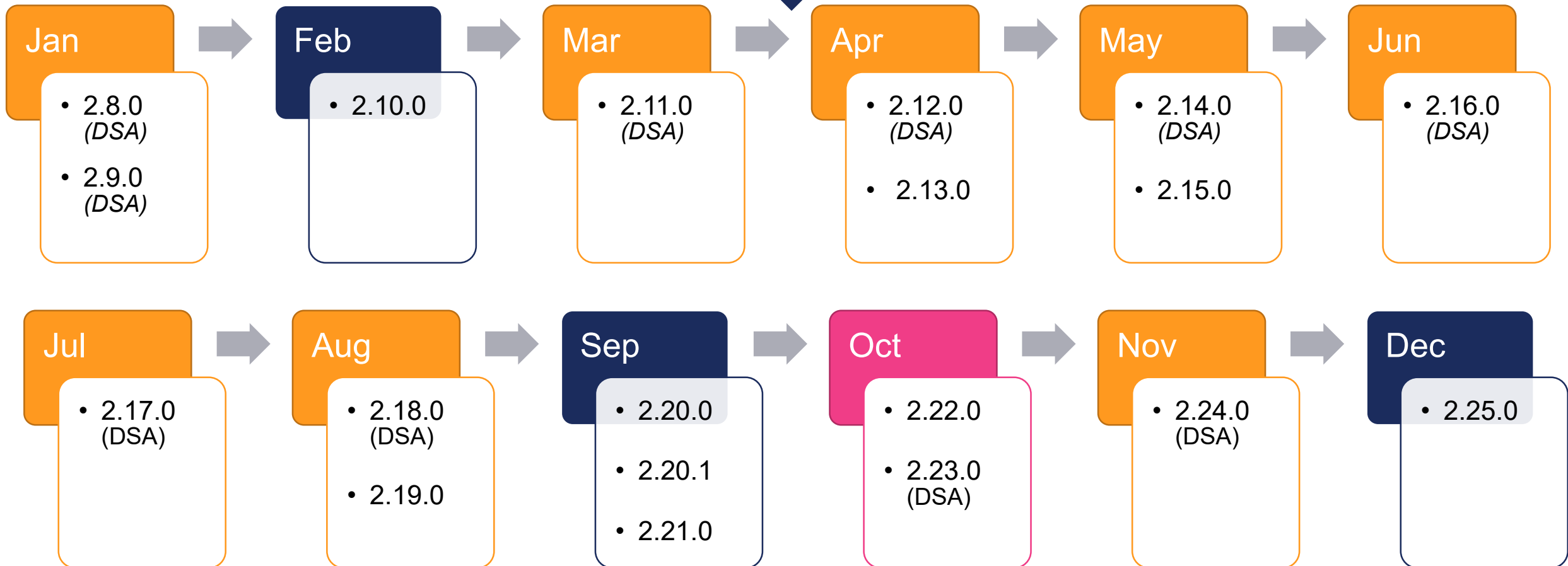*Please mute your microphones. This session will be recorded.*

Distro Road Map

| Oct 2022 Q4 | Nov 2022 Q4 | Dec 2022 Q4 | Jan 2023 Q1 | Feb 2023 Q1 | Mar 2023 Q1 | Apr 2023 Q2 | May 2023 Q2 | Jun 2023 Q2 | Jul 2023 Q3 | Aug 2023 Q3 | Sep 2023 Q3 | Oct 2023 Q4 | Nov 2023 Q4 | Dec 2023 Q4 |

Bootstrap Barrio

9.5 & CKEditor5 Preview

D9-D10 Upgrade automation

SOLR7-8

Shipshape

Planned

Timeframe	Description
Nov – Dec 2022	Bootstrap Barrio Theme Preview
Dec 2022	Final Release
Feb 2023	9.5 core & CK Editor Preview
Jul – Sep 2023	D9-D10 upgrade Preview

2022 Releases Frequency

Jan
- 2.8.0 *(DSA)*
- 2.9.0 *(DSA)*

Feb
- 2.10.0

Mar
- 2.11.0 *(DSA)*

Apr
- 2.12.0 *(DSA)*
- 2.13.0

May
- 2.14.0 *(DSA)*
- 2.15.0

Jun
- 2.16.0 *(DSA)*

Jul
- 2.17.0 (DSA)

Aug
- 2.18.0 (DSA)
- 2.19.0

Sep
- 2.20.0
- 2.20.1
- 2.21.0

Oct
- 2.22.0
- 2.23.0 (DSA)

Nov
- 2.24.0 (DSA)

Dec
- 2.25.0

Preview Process – What is it & Why?

- *"You want to be more aware of the changes that affect your website/s"*

- Based on the success for the D8-D9 upgrade process
  - We create a feature branch for you to review in a given timeframe
  - They are in addition to number of environment allowed per project

- Is your opportunity to preview the big changes to the distribution before they are applied to your website
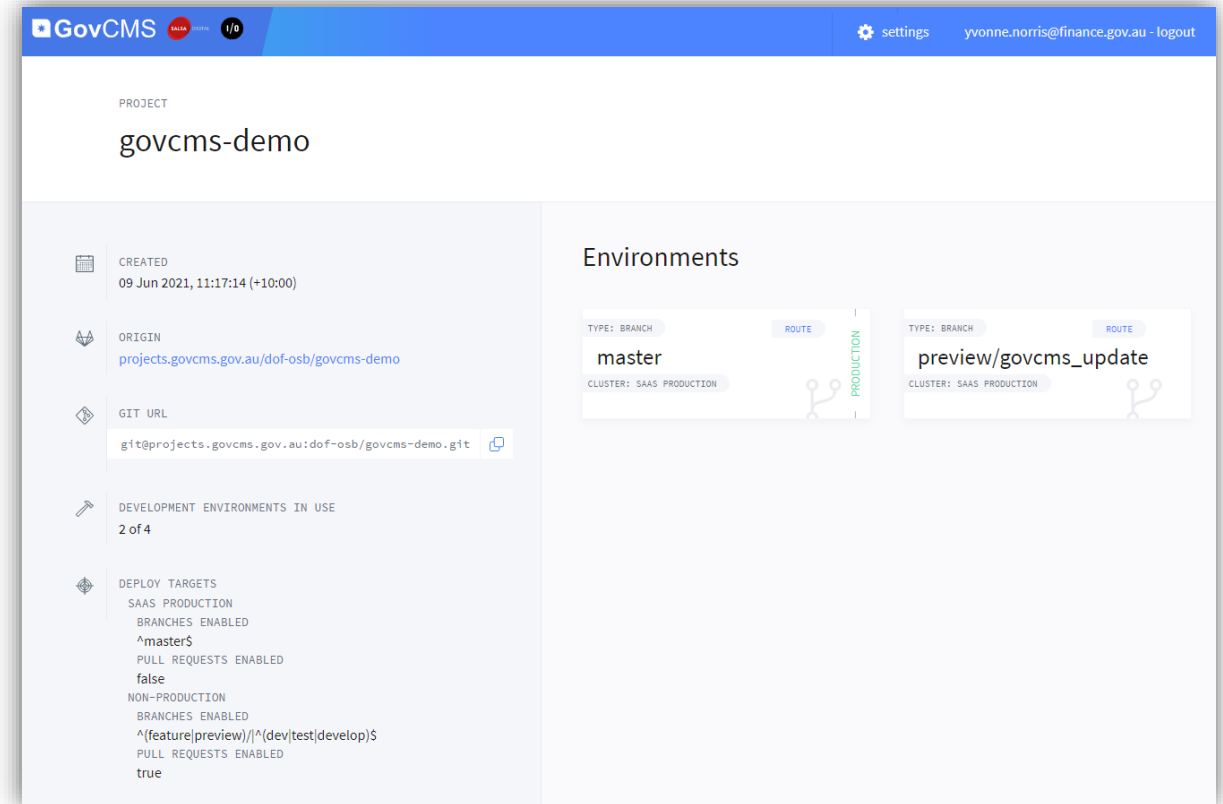
Shipshape

- Standard Audit & Reporting Tool

- *Replaces the old Drutiny site audits*

- Job called *build_and_deploy*

- Used:

  - Pre forklift

  - During CI pipelines

  - Pre-deployment

  - Nightly within environments

  - Locally on demand

Status	Job	Pipeline	Stage	Name	Duration
⊘ passed	#1087029 ⑂ canary ⟜ acbe8e99	#641973 created by	build	build_and_deploy	⏱ 00:08:46 🗓 13 hours ago

‹ **build_and_deploy**

16 tests   0 failures   16 errors   0% success rate

Tests

Suite	Name	Filename	Status	Duration	Details
[FILE] Banned PHP function list	[FILE] Banned PHP function list		⊘	0.00ms	View details
[FILE] Validate install profile	[FILE] Validate install profile		⊘	0.00ms	View details
[FILE] Disallowed permissions	[FILE] Disallowed permissions		⊘	0.00ms	View details
[FILE] Validate TFA config	[FILE] Validate TFA config		⊘	0.00ms	View details
[FILE] Ensure only admins can register accounts	[FILE] Ensure only admins can register accounts		⊘	0.00ms	View details
[FILE] Ensure CSS & JS aggregations are enabled	[FILE] Ensure CSS & JS aggregations are enabled		⊘	0.00ms	View details
[FILE] Ensure no error log displayed	[FILE] Ensure no error log displayed		⊘	0.00ms	View details
[FILE] Detect module files in theme folder	[FILE] Detect module files in theme folder		⊘	0.00ms	View details

[FILE] Illegal files

Name	[FILE] Illegal files
Execution time	0.00ms
System output	

```
{
    "message": "Illegal file found: /builds/testing/vanilla-govcms9-
    beta/themes/custom_theme/adminer.php"
}
```

Close

Google Analytics (GA) 4

Google Analytics

Home » Administration » Configuration » Web services
Google Analytics is a free (registration required) website traffic and marketing effectiveness service.

WEB PROPERTY ID(S)

UA-XXXXXXXX-YY   Remove

- GA is required for SaaS on the platform
  - Use your own code, AND
  - GovCMS also runs a code on each site

- Universal Analytics has been the de-facto offering for numerous years from Google

- Google is putting Universal Analytics to end-of-life in June 2023

- This necessitates a move to their new analytics version: GA4

Google Analytics (GA) 4

- Need to implement GA4 before June 2023

- Transition from UA to GA4

  - We recommend to have both

  - Keep your UA code there

  - Add the GA4 code

  - Then July remove the UA code

- Site Admin role that updates the GA configuration for your site

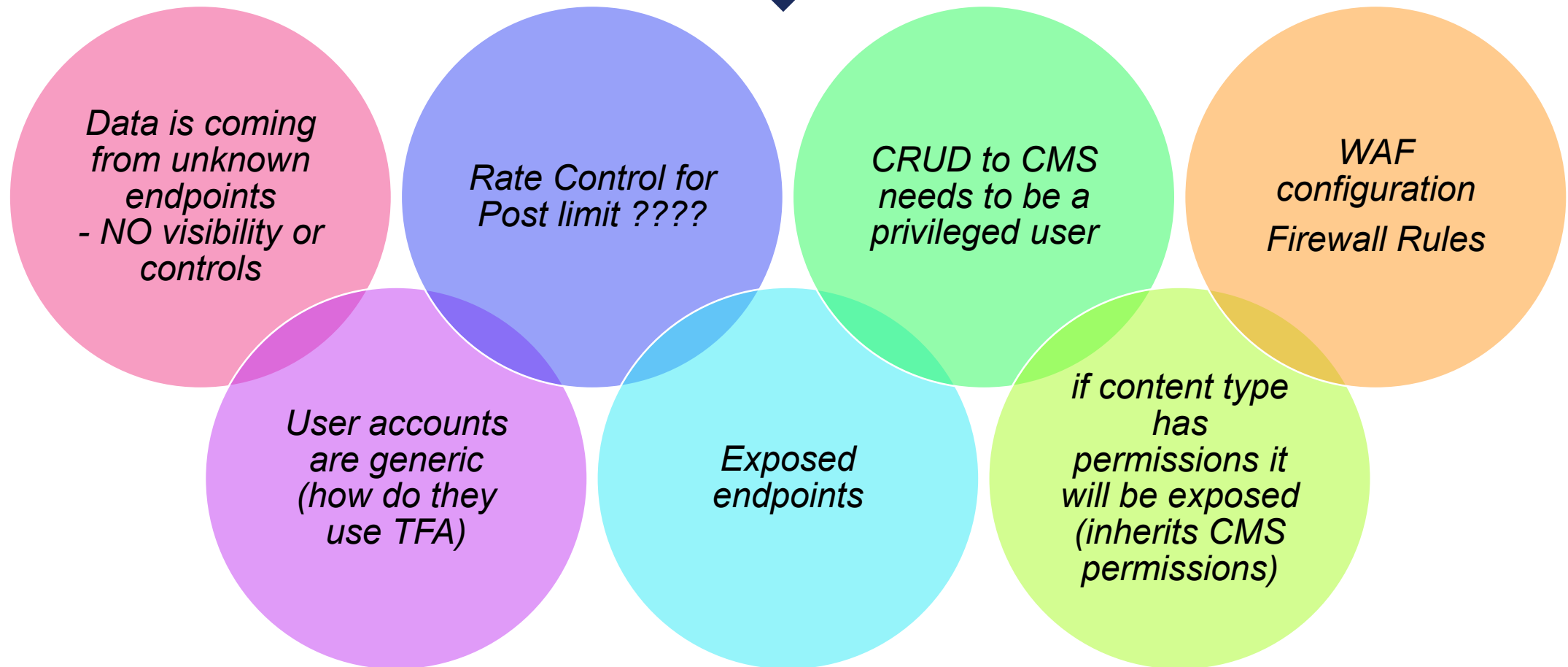- Reminder: GovCMS only use this info for billing purposes

Solr 7 to Solr 8 update

- GovCMS uses the open source search engine Apache Solr

- Distribution connects to search engine via the Search API module

- Currently using Solr 7.7.3 is End Of Life

- Need to move to Solr 8.11.1

- Schedule for final release of 2022 (2.25.0 deployments commencing 12 Dec)

- Sites using Solr will need to be manually configured during the update

- Search will be unavailable to the public during the upgrade (4AM to 9/10AM 12 Dec)
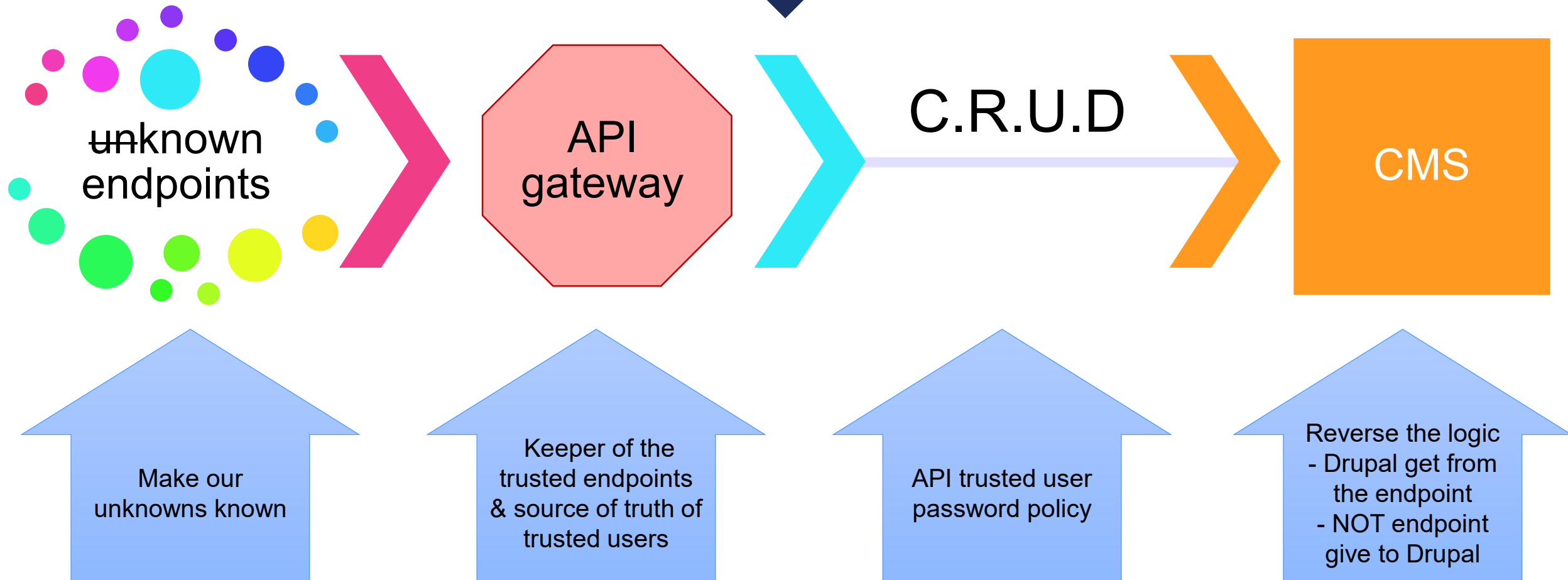
9.5 Core & CKEditor5 Preview

- Distribution, currently at Core 9.4, plan to move to Core 9.5, before we make the final leap to D10

- CKEditor is the editing tool you use to input your text and media etc. *otherwise known as the WYSIWYG editor*

- After almost a decade, CKEditor4 will be EOL at the end of 2023

- CKEditor5 requires Drupal Core 9.5 – so they go hand in hand for the preview

API - Considerations

Data is coming from unknown endpoints - NO visibility or controls

Rate Control for Post limit ????

CRUD to CMS needs to be a privileged user

WAF configuration Firewall Rules

User accounts are generic (how do they use TFA)

Exposed endpoints

if content type has permissions it will be exposed (inherits CMS permissions)

API

Use the API gateway to bind the user to an endpoint securely >>> Approved Endpoint + Privileged user + Token [+ Pathway/Project]

unknown endpoints > **API gateway** > C.R.U.D > **CMS**

Make our unknowns known

Keeper of the trusted endpoints & source of truth of trusted users

API trusted user password policy

Reverse the logic
- Drupal get from the endpoint
- NOT endpoint give to Drupal

Other Immediate Concerns

- Deprecated functionality out of CORE

  - Move feature for functionality to its own Contrib Module

  - Eg color

- Theming

  - Not directly distribution related

  - It Is the responsibility of the website owner

  - We know this is coming and we want to help you as much as possible

  - Previews ☺ e.g. currently a bootstrap barrio

The Platform update

- Purge Service

- Open Search

- Infrastructure

- Database Update

- Lagoon

Purge Service

- Perform your own requests to clear site content cached in the Content Delivery Network (CDN)

- Purge Pages & Files

- Rolled out earlier this year to ALL D9 SaaS sites

- Site Administrators

- PaaS
  - Overcome Technical challenges
  - Feasibility Study

OpenSearch

- This is where you get your site log files from –

  logs.govcms.gov.au

- Currently we have 18TB of active storage

- Able to provide 60-90 days of active data with archival to S3

- 538 million log entries per month

MySQL8 Database Update

- Investigating this – we think it'll have benefits

- Timeframe TBC

    - Could do this separate

    - Could do this as part of the D9-D10 upgrade

    - Could do it after the D10 upgrade

- Will require a content freeze

Lagoon Dashboard UI Update

- GovCMS the hosting platform is powered by the Open Source software Lagoon

- Any feature requests / bug fixes should be submitted to the issues queue

- GitHub: uselagoon/**lagoon**

- https://github.com/uselagoon/lagoon/issues
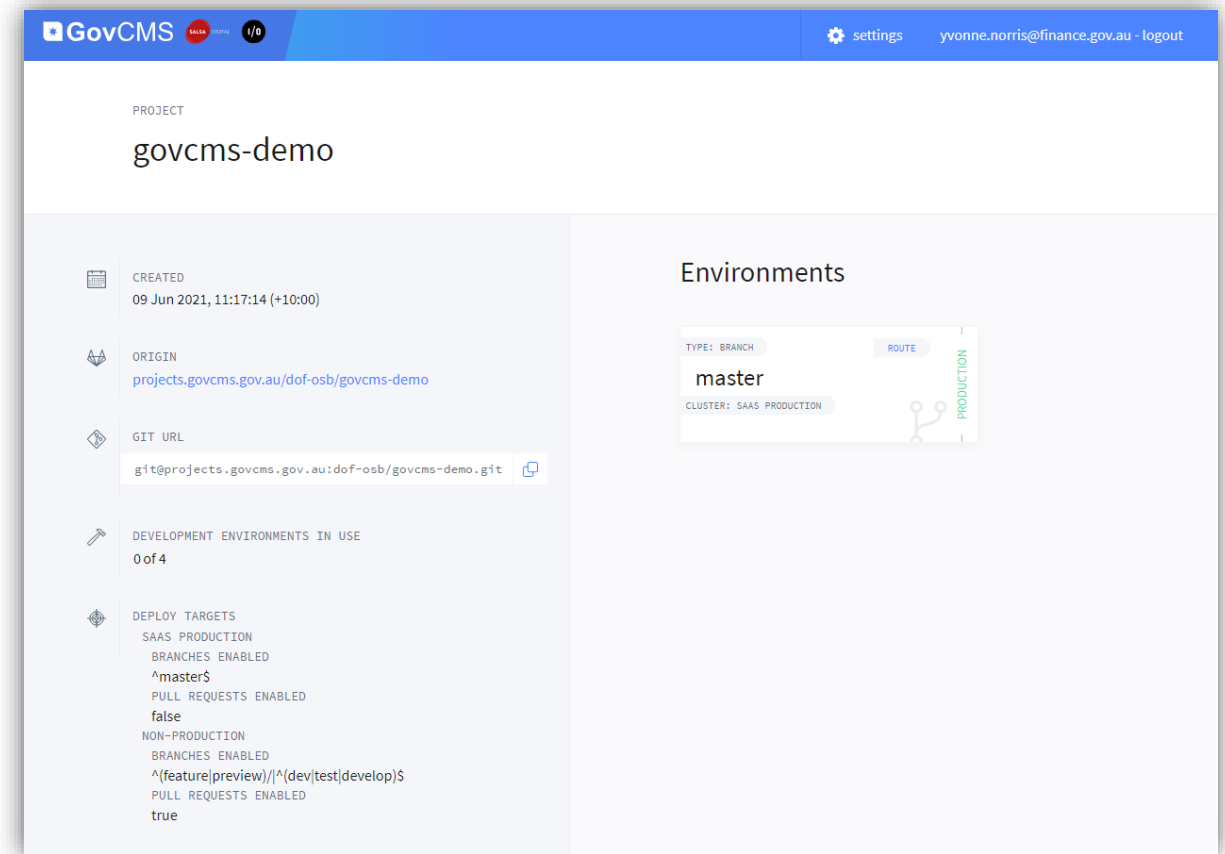
Lagoon

- Splitting of services into small components.
  This means smaller releases, more often

- Increased focus on testing

- Movement of legacy code (bash) to modern golang

- Kubernetes 1.24 support

- Stay in the loop: Subscribe to the Lagoon blog https://dev.to/uselagoon/

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Theme Previews

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Theme Previews

Contract Transition Time

API

Google Analytics 4

MySQL8

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