ONS SDC Census Test 2017

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- How did the 2017 Census test go ?
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- What is in the ONS SDC platform?
- What are the next steps ?

'One ONS' SDC platform objectives

- Delivery to be aligned to the 'customer first' agile service standards set by the UK GDS.

- To create a single secure integrated platform for the agile delivery of survey data collection capabilities scalable to deliver Census 2021.

- To streamline the on-boarding, collection and management of business and social surveys.

- To implement the technical services as loosely coupled PaaS deployed microservices for maintainability, portability and scalability.
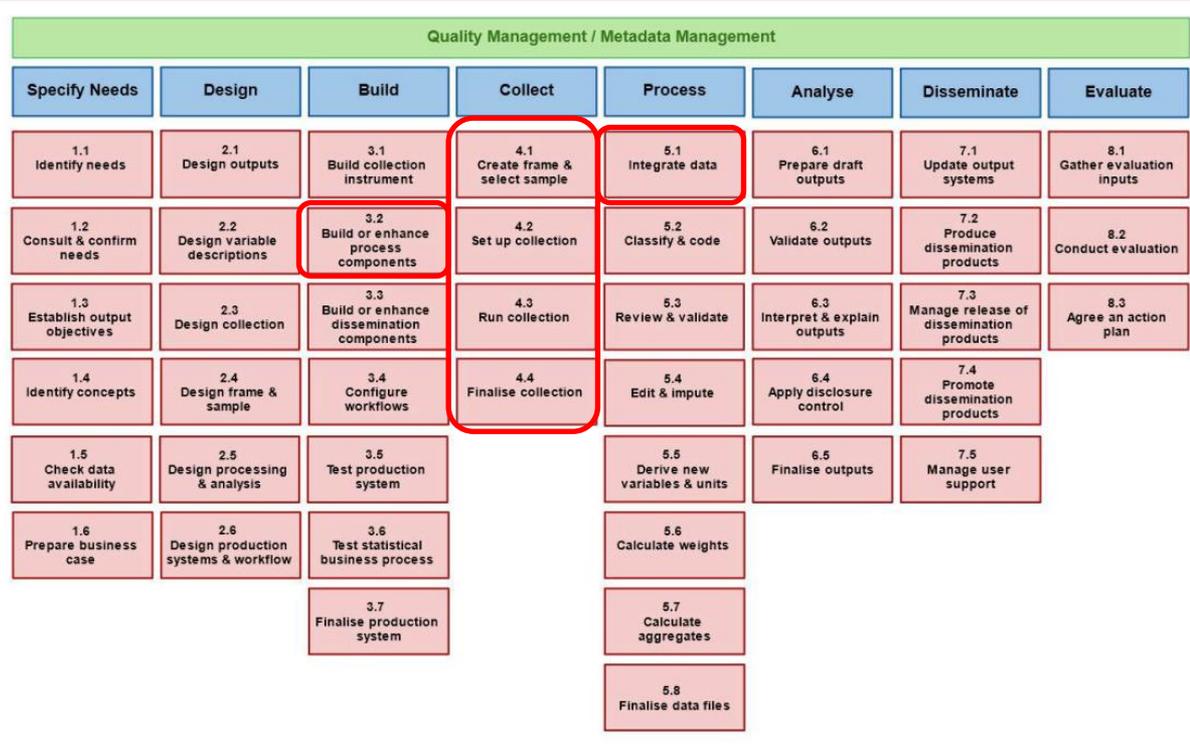
How did the 2017 Census test go ?

- The test was to evaluate the channel shift and user behaviour to inform the white paper on the 2021 Census.
  - 211,768 sample - digital uptake was 74.27%.
  - Page load times below 1 second, even under high load (1,700 concurrent users).
  - Up for more than 99% of the time across the test (the 1% was planned maintenance downtime).
  - Overall traffic profile: 60% coming from desktop, 20% mobile & 20% tablet devices.

What did the platform do ?

- Respondent authentication is via an Internet Access Code (IAC) printed on their letter.

- Determine and launch the appropriate survey template (including presentation language) on the electronic questionnaire runners.

- Supports the respondent in navigating and answering the survey, including being able to save and resume, before completing.

- Ingest, validate and load responses into ONS

- Whilst *simultaneously* running 5 online business surveys and 12 offline surveys.
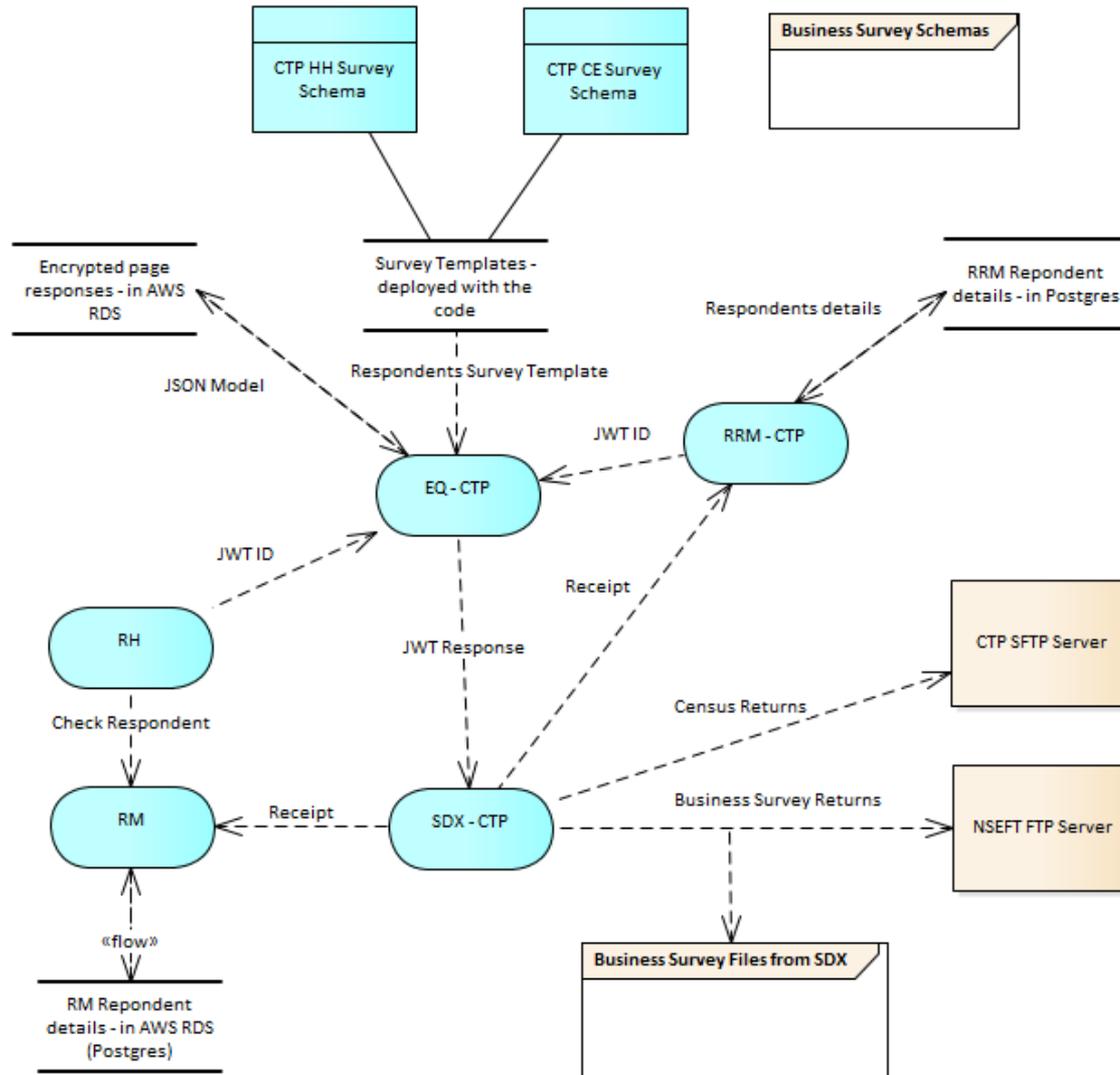
How does SDC map onto the GSBPM ?

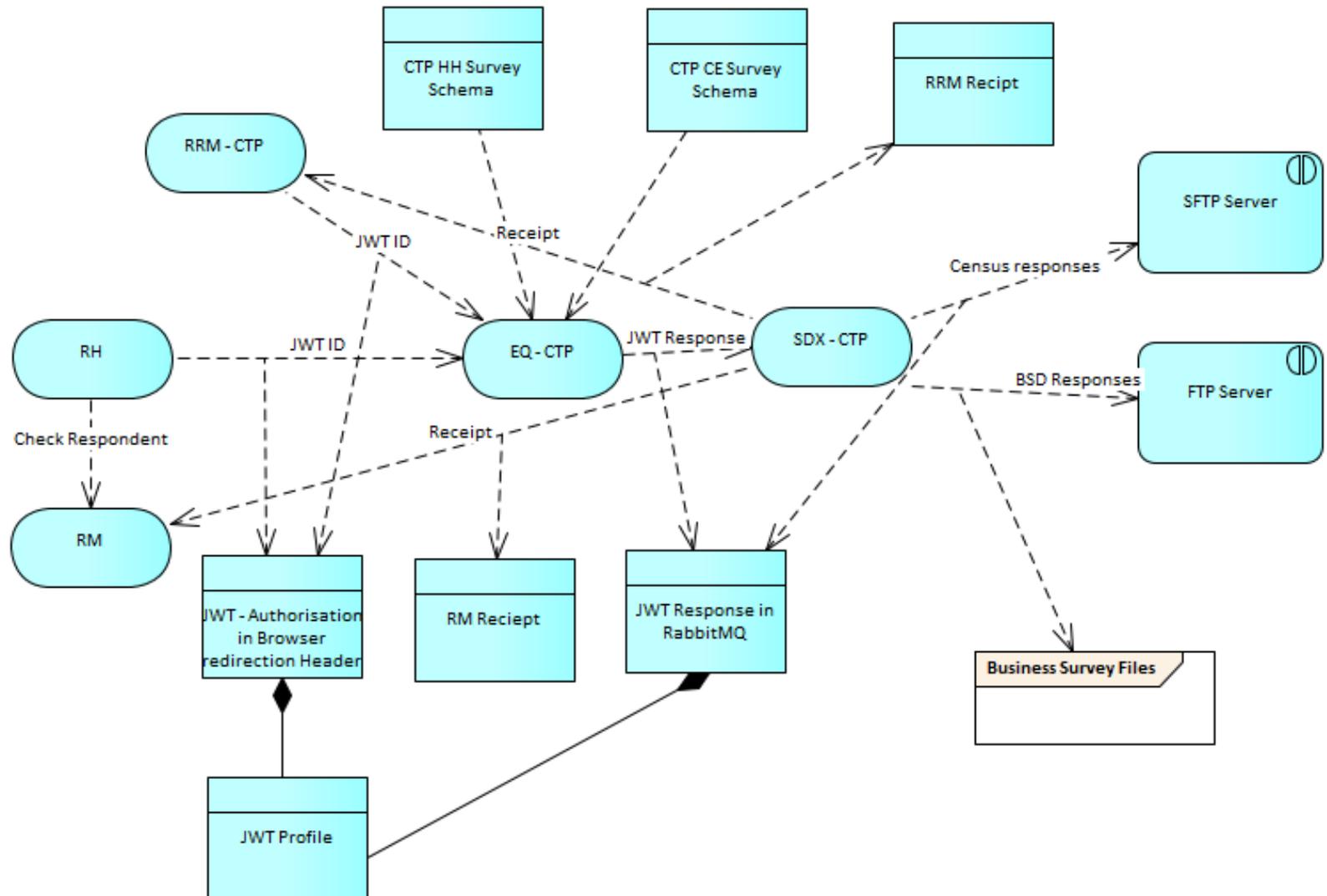SDC is the new platform for collection

What is in the ONS SDC platform ?

- Several 'products' are deployed and interact to deliver the platform capabilities together.
    - RRM – Business survey management services
    - RM – Response management & integration hub
    - RH – Respondent Home provides the public access & IAC validation portal
    - EQ – electronic questionnaire execution tool
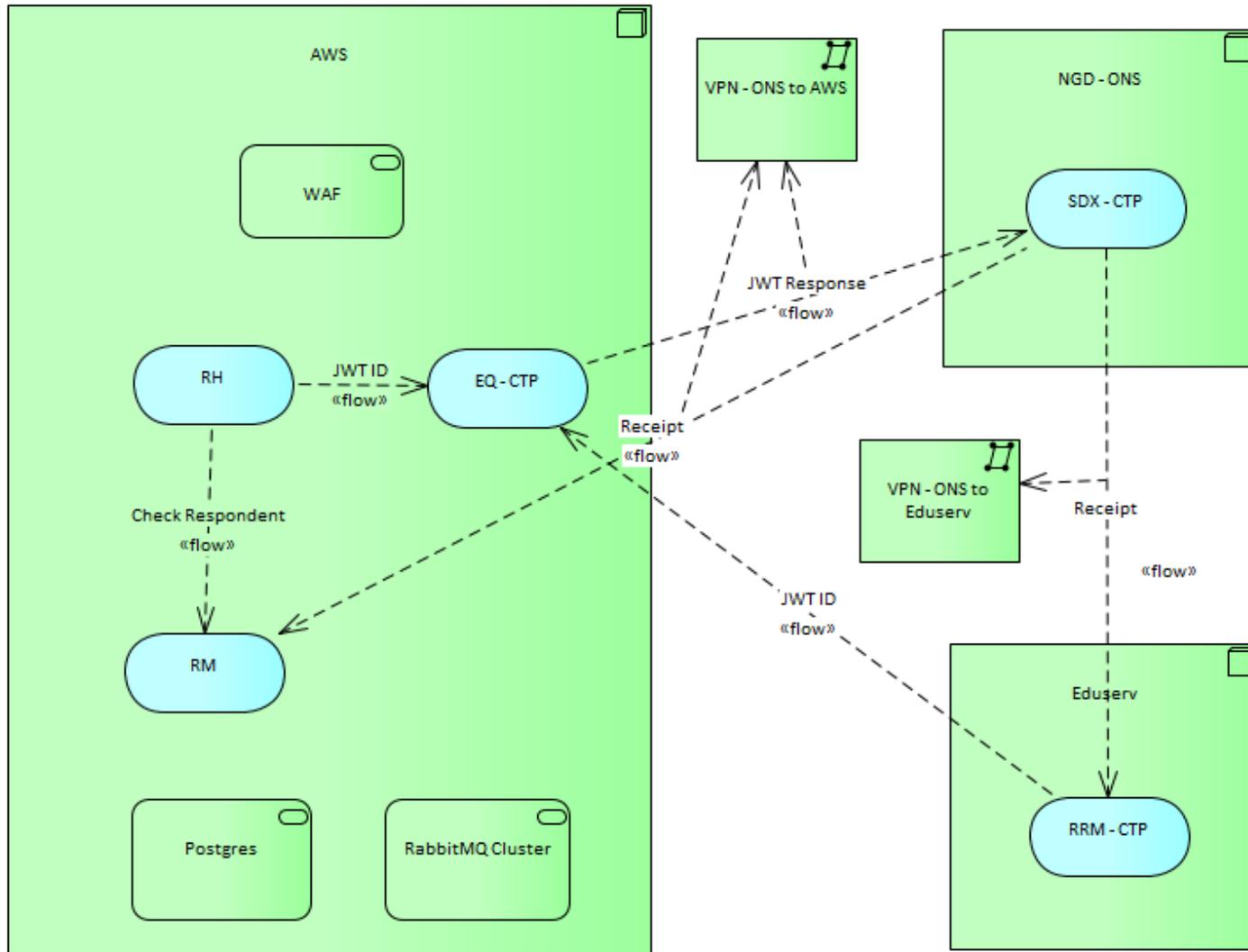   - SDX – Survey data exchange (response import, validation & translation)

SDC principle data flows

Principle service / 'product' interactions

Deployment – public & private cloud

Demonstration

- Steps
  - Validation of the access code by 'Respondent Home'.
  - Redirection to the 'Electronic Questionnaire' runner.
  - Data entry and navigation within the survey form.
  - Review of answers on the final page
  - Submission of the completed form to the ONS

Q & A

Or contact me at any time at .....

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