



**United Nations Regional Workshop on
The 2020 World Programme on Population and Housing Censuses:
International Standards and Contemporary Technologies**

**SESSION 13:
CONSIDERATIONS FOR PLANNING CENSUS OPERATIONS
WITH MULTI-MODE DATA COLLECTION METHODS:
MALAYSIA**

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28 June 2018 | Park Royal Hotel, Kuala Lumpur**

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1. BACKGROUND

- 1.1 Objectives of MyCensus 2020
- 1.2 Census Mode in Previous Census

2. WHY MULTI-MODE?

- 2.1 Current Scenario
 - Urbanisation
 - LQ Structure
 - Stakeholder Expectation
 - Rapid Change in ICT
 - Population Profile
- 2.2 Benefits of Multi-mode Data Collection
 - Reduce Respondent Burden
 - Increase Response Rates
 - Reduce Cost
 - Improve Timeliness
 - Improve Quality
 - Long Term Investment

3. CONSIDERATION FOR MULTI-MODE DATA COLLECTION IN MyCENSUS 2020

- 3.1 Lesson Learnt
- 3.2 Cost Benefits
- 3.3 Investment in ICT
- 3.4 IT Development
- 3.5 Management of Multi-Mode Data Collection
- 3.6 Capacity Building
- 3.7 Quality
- 3.8 Data & System Security

4. MULTI-MODE DATA COLLECTION IN MyCENSUS 2020

- 4.1 MyCTP
- 4.2 Multi-mode Data Collection
- 4.3 MyIPCS

Objectives of MyCensus 2020

To compile the total coverage and profile of the population, households and living quarters in Malaysia with a wide range of demographic and socio-economic characteristics to the smallest area

To provide a reliable basis for the estimation and projection of the population and living quarters

To provide input for planning, formulation and implementation of government policies and development programmes as stated in the Legislation

To provide input for the development of new socio-economic key indicators



Census Mode in Previous Census

- Conducted separately
17 May 1980 (Housing)
11 June 1980 (Population)
- Approach: De facto
- Mode: Face-to-face interview

- Conducted simultaneously on
5 July 2000
- Approach: De Jure
- Mode: Face-to-face interview

1970

1980

1991

2000

2010

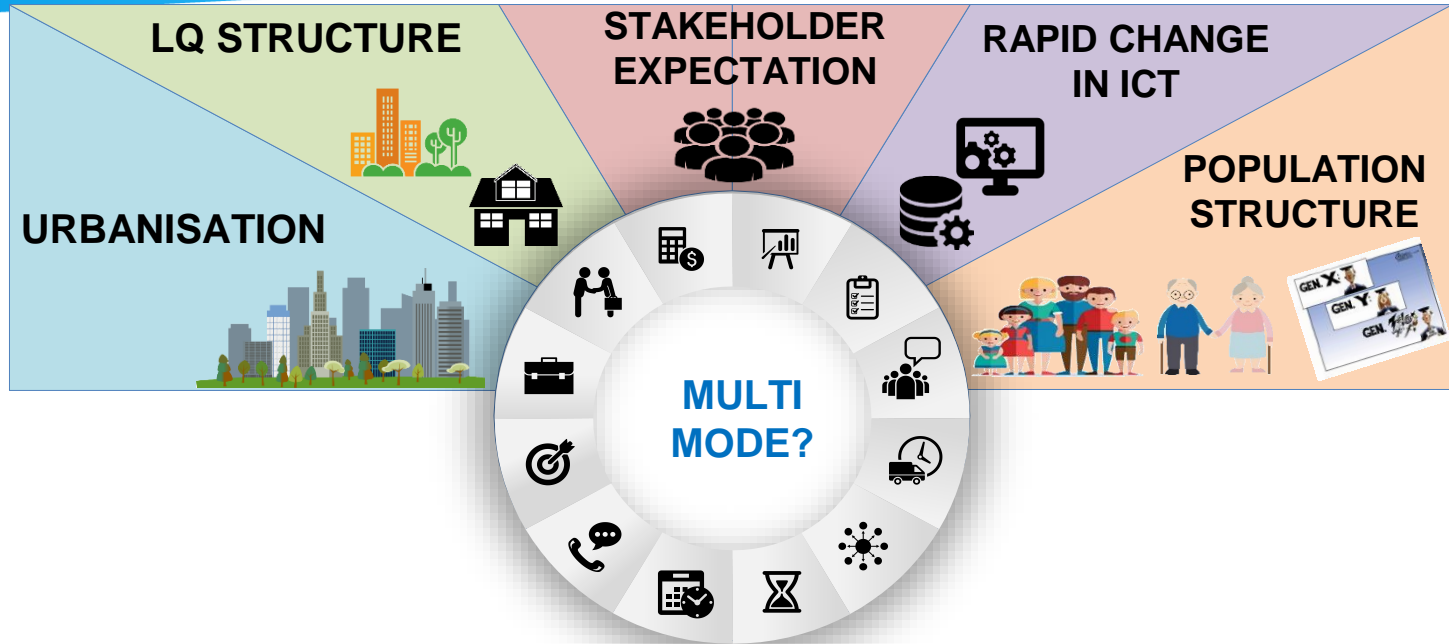
- Conducted separately
27 July 1970 (Housing)
25 August 1970 (Population)
- Approach: De facto
- Mode: Face-to-face interview

- Conducted simultaneously on
14 August 1991
- Approach: De facto & De Jure
- Mode: Face-to-face interview

- Conducted simultaneously on
6 July 2010
- Approach: De Jure
- Mode:
 - Face-to-face interview
 - e-Census
 - Drop off pick up



WHY MULTI-MODE?



Current Scenario

WHY MULTI-MODE?

Benefits of Multi-mode Data Collection



Reduce Respondents Burden

- Hardcopy Form
- Privacy
- Time



Increase Response Rate

- Flexibility
- Privacy
- Time & Place



Reduce Cost & Improve Timeliness

- Printing Hardcopy Form
- Processing Hardcopy Form



Long Term Investment

- Cost effective for future
- Continuous ICT investment



Improve Quality

- Field management & monitoring
- Blank info vs Administrative data
- Early detection of error & Logical validation
- Processing & Coding

CONSIDERATION FOR MULTI-MODE DATA COLLECTION IN MyCENSUS 2020

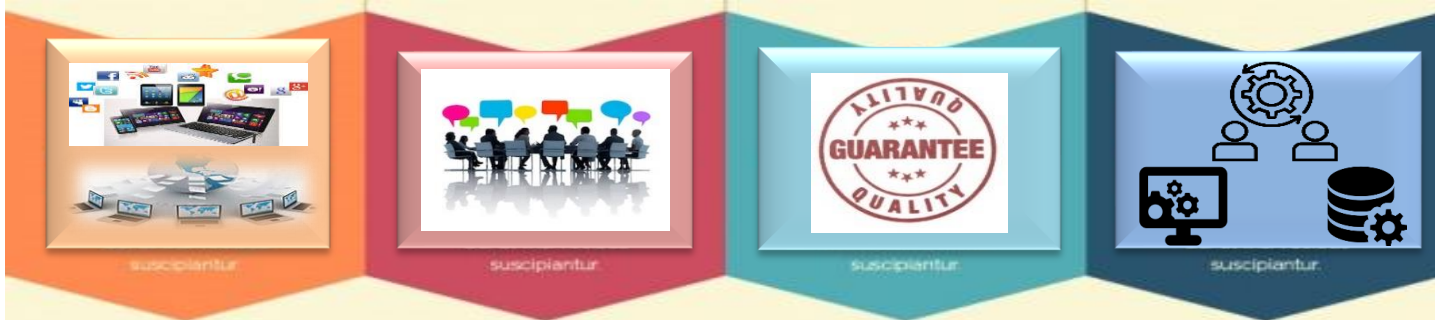


Lesson learnt

Cost Benefits

Investment in ICT

**Management of
Multi-Mode Data
Collection**



IT Development

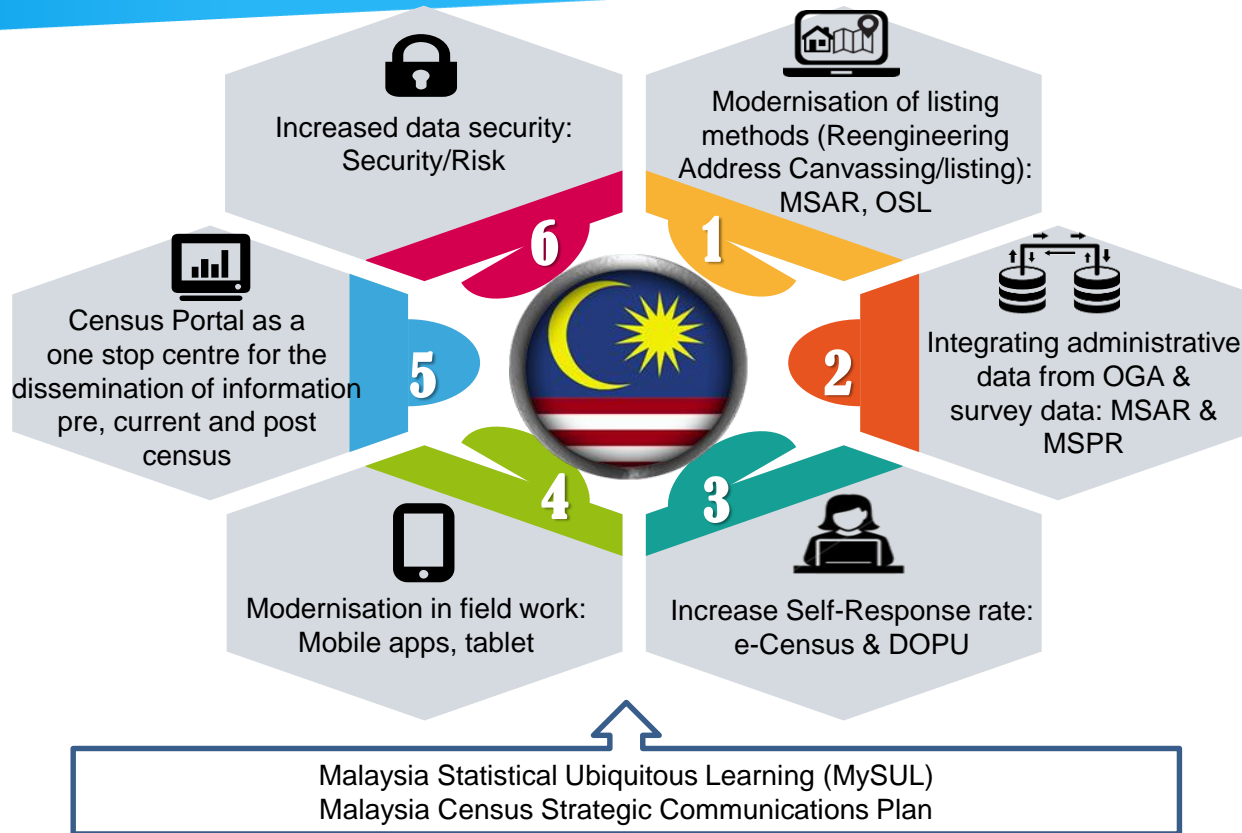
Capacity Building

Quality

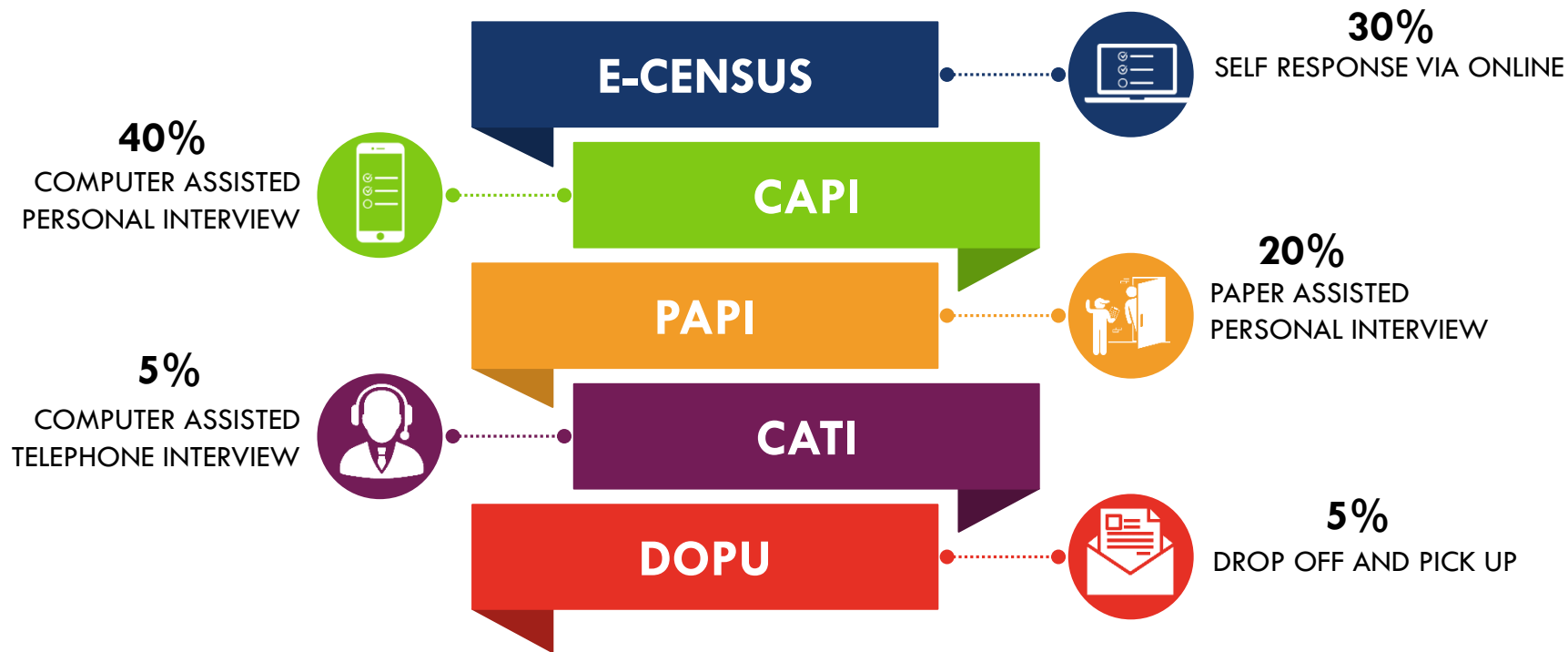
Data & System Security

MULTI-MODE DATA COLLECTION IN MYCENSUS 2020

MALAYSIA CENSUS TRANSFORMATION PROGRAMME (MyCTP)



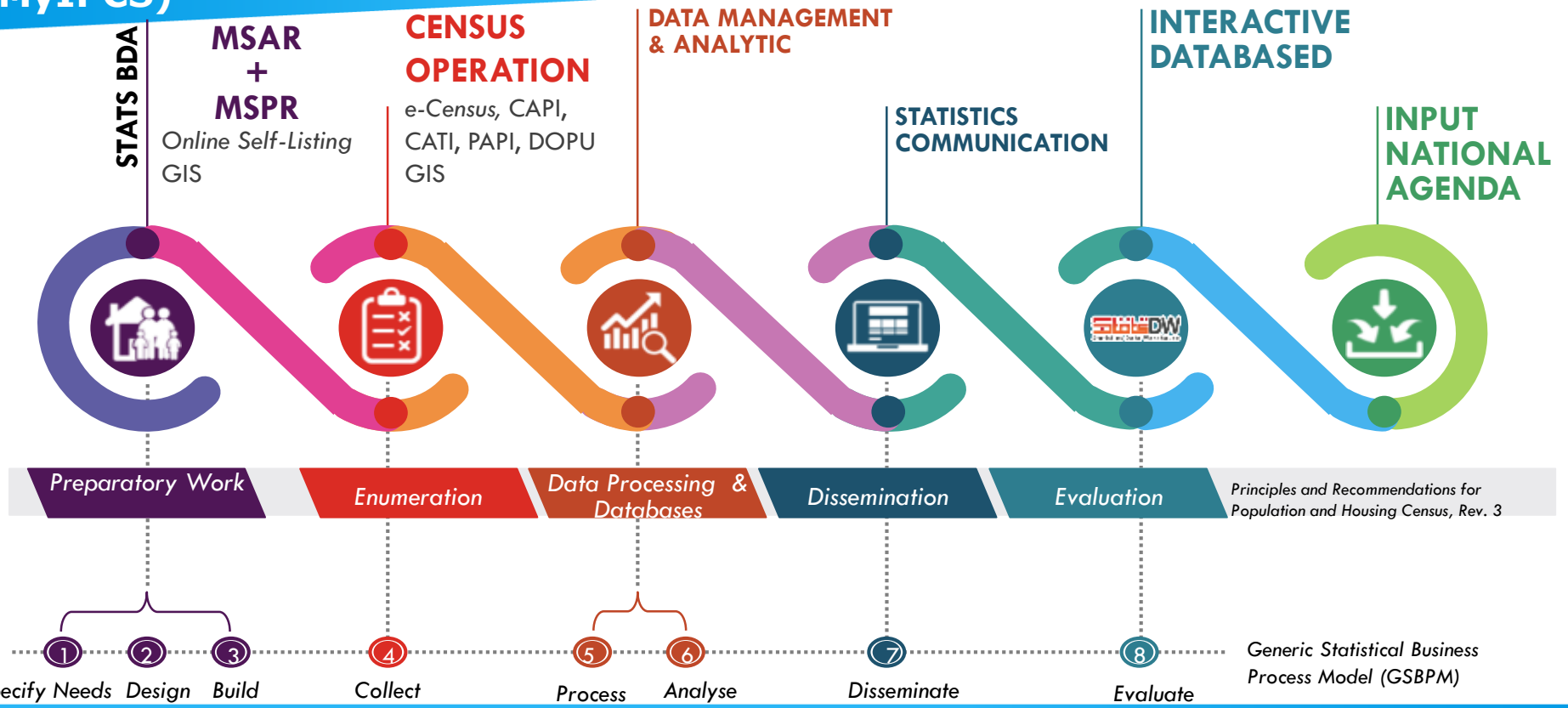
MULTI-MODE DATA COLLECTION IN MyCENSUS 2020



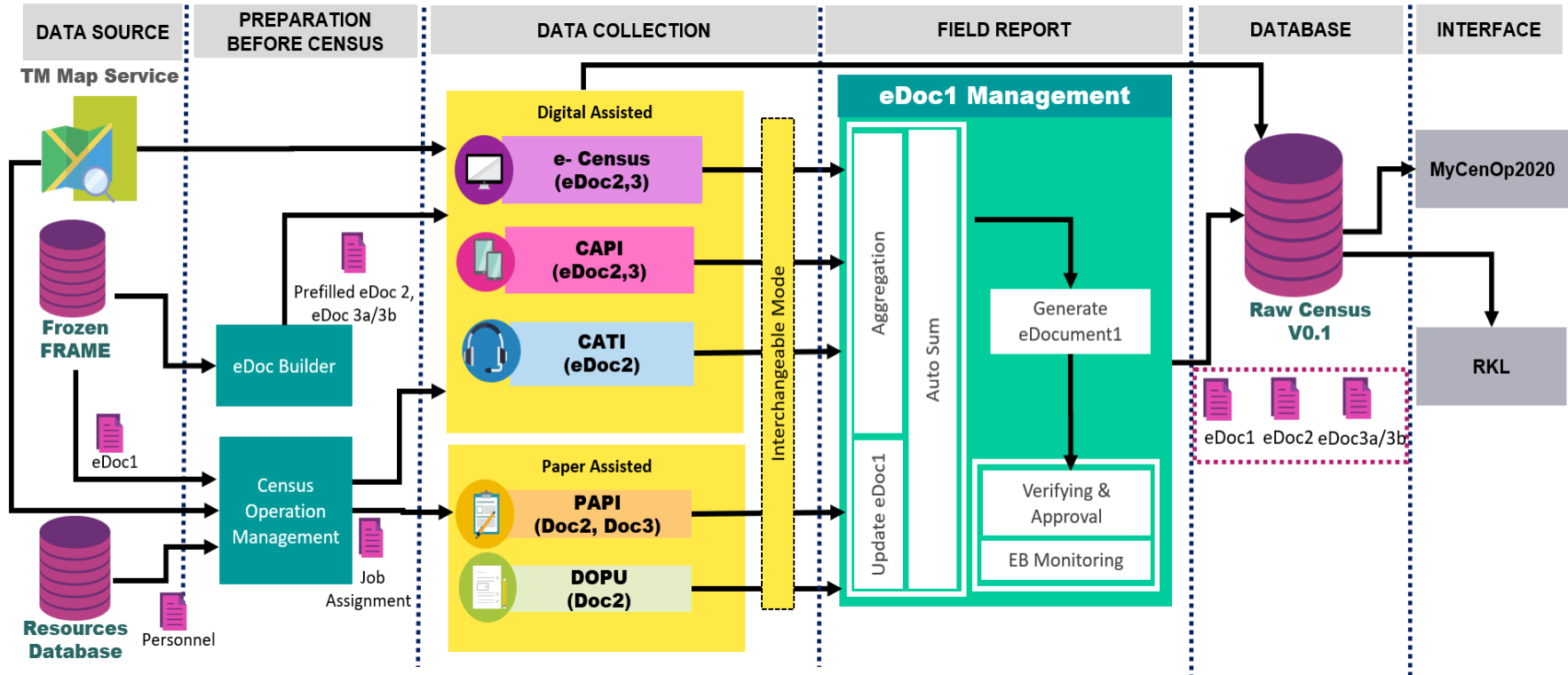
MULTI-MODE DATA COLLECTION IN MYCENSUS 2020



MALAYSIA INTEGRATED POPULATION CENSUS SYSTEM (MyIPCS)



CONCEPTUAL MODEL FOR CENSUS OPERATION





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Thank You

