

## 2.0 Methodology

### OMG Responses to Federal Reserve Discussion Paper

The U.S. Federal Reserve (Fed) published a

#### White Paper

on [Money, and Payments: The U.S. Dollar in the Age of Digital Transformation<sup>1\)</sup>](#), which provided a discussion and analysis of [cbdc](#), some possible designs to address CBDC, and some direct questions they posed to stakeholders about the possibility of adoption of CBDC by the U.S. Federal Reserve.

The [Object Management Group](#) is responding to the questions posed by the White Paper. The OMG response is based on a Systems Engineering approach, see [Figure 1](#). The following briefly describes each step in the process:

The [White Paper](#) was reviewed and its content was divided into two main sections:

1. A general discussion of what the Federal Reserve believes the CBDC needs to do is restated in terms of a matrix of Federal Reserve “Desirements” (i.e., [White Paper Analysis](#)). These “Desirements”<sup>2)</sup> are classified according to the four main objectives stated in the White Paper:
  - [Benefit Considerations](#)
  - [Policy Considerations](#)
  - [Risk Considerations](#)
  - [Design Considerations](#)
2. A set of questions for potential stakeholders to answer. Upon review of the answers to the questions,
  - a. Some content was extracted and made into a set of [Common Elements](#) that have applicability to multiple answers to multiple questions. For example:
    - [Stakeholders](#)
    - [Currency Models](#)
    - [Stablecoins](#)
    - [National Privacy Considerations](#)
    - [National Security Considerations](#)
    - [International Considerations](#)
    - [Dual Payment Networks](#)
  - b. Each question's answer tried to have the same outline when formulating answers:
    - Overview
    - Examples
    - Discussion of Examples

The results were then collated into a single OMG response that includes a set of overall recommendations



Figure 1: Overview of the OMG Methodology used to answer the Federal Reserve Questions.

1)

Board of Governors, The Federal Reserve System, January 2022, Accessed: 5 May 2022, <https://www.federalreserve.gov/publications/files/money-and-payments-20220120.pdf>

2)

**Desirement** is a blended word combining the word **Desire** and **Requirement**. **Desirement** is something that is desired, but not absolutely required and is often used to caption the capabilities of a product or system before it has reached the formal requirements phase. Source: [Desirement](#)

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Last update: **2022/05/11 20:44**