

# Api Gift Decryption Document

## Decryption Details for `EncryptedVirtualCollections`

The `EncryptedVirtualCollections` field in the response is encrypted data that can be decrypted using the following specifications:

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### Decryption Specifications:

- **Algorithm:** AES (Advanced Encryption Standard)
  - **Mode:** CBC (Cipher Block Chaining)
  - **Initialization Vector (IV):** `0FRna73mXaze01xY` (16 characters, ASCII-encoded)
  - **Key (Password):** Retrieve your unique *Decryption Password* from your account settings.
  - **Input Format:** Base64-encoded string (encrypted data)
  - **Output Format:** UTF-8 plaintext
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### Decryption Steps:

1. **Decode the Encrypted Data:** Convert the Base64-encoded string into raw encrypted bytes.
  2. **Configure AES Decryption:**
    - Use the AES algorithm in CBC mode.
    - Provide the *Decryption Password* as the key.
    - Use the IV (`0FRna73mXaze01xY`) for decryption.
  3. **Decrypt the Data:** Pass the raw encrypted bytes through the AES decryption process.
  4. **Convert to Plaintext:** Decode the resulting bytes to retrieve the original string in UTF-8 format.
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### Important Notes:

- The *Decryption Password* is unique to each user and must be securely retrieved from your api keys (actually, this is your secret-key).
- The IV is a static value: `0FRna73mXaze01xY`.
- Ensure proper handling of sensitive data during decryption to avoid exposing credentials or decrypted data.