Add Ability to Send Signature Link through API

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Platform

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iConnect 211271 Design Approach - Add Ability to Send Signature Link through API

Project Overview

Currently the New Business Batch Service "SignatureRequest" API responds back with a simple success. Clients would like to receive the signature link in the response (URL) so they can include it in their UI. This will allow clients to use the signing links in the response for their embedded environments instead of waiting for the email containing the signature link.

1 Enhance New Business "SignatureRequest" API

The current "SignatureRequest" API uses the TX103 request body for creating a signature request. The response is a simple success, but enhancements will add URL signature links, First Name, Last Name and Signer Type ID for each signing party. The same URL link will be provided in the API response as what is provided in the remote sign email.

For multiple signers, the response would be a collection of URLs. The identified signers in the package will be added in the TXLife response returned. Parties will be built out for each signer and a URL link provided for each signing party. Each party will be identified by First Name, Last Name and Signer Type ID to accompany the unique URL signature link for each signing party.

OLife extension from the TX103 file will be used to add signature URL, First Name, Last Name and Signer Type ID for each party under the party aggregate.

```xml
<?xml version="1.0"?>
<TXLife xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://ACORD.org/Standards/Life/2">
  <TXLifeResponse>
    <TransRefGUID>C01E5C85-F49D-473F-881B-826FFEEC6578</TransRefGUID>
    <TransType tc="103" />
    <TransExeDate>2020-01-16</TransExeDate>
    <TransExeTime>15:15:18.2968185+05:30</TransExeTime>
    <TransResult>
      <ResultCode tc="1">RESULT_SUCCESS</ResultCode>
    </TransResult>
    <OLifE>
      <Holding id="Holding_eb0b6f1d-f3de-40af-8be6-57e66fceed98">
        <HoldingKey>3c2231e55c4744d289e97e271f7ef341</HoldingKey>
      </Holding>
      <Party id="Party_5533fc19-6a59-47c6-aa38-79eec4884b75">
        <PartyTypeCode tc="1">OLI_PT_PERSON</PartyTypeCode>
        <Person>
          <FirstName>Jane</FirstName>
          <LastName>Smith</LastName>
        </Person>
        <OLifEExtension VendorCode="25">
          <Signer SignerType="16">Owner</Signer>
          <Url>https://localhost/6nq</Url>
        </OLifEExtension>
      </Party>
      <Party id="Party_525e29eb-274b-4ff6-b3e6-b49481d8faf1">
        <PartyTypeCode tc="1">OLI_PT_PERSON</PartyTypeCode>
        <Person>
          <FirstName>Joint</FirstName>
          <LastName>Owner</LastName>
        </Person>
        <OLifEExtension VendorCode="25">
          <Signer SignerType="18">Joint Owner</Signer>
          <Url>https://localhost/Nhq</Url>
        </OLifEExtension>
      </Party>
    </OLifE>
  </TXLifeResponse>
</TXLife>
```

Acceptance Criteria

- The New Business "SignatureRequest" has an updated API response that includes the e-signature URL.
- One URL is provided per signing party.
- Signature URL is the same URL provided in the remote sign email.
- Response includes "FirstName", "LastName" and "SignerType" ID under party aggregate per signing party.