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SEVP

STUDENT AND EXCHANGE VISITOR PROGRAM

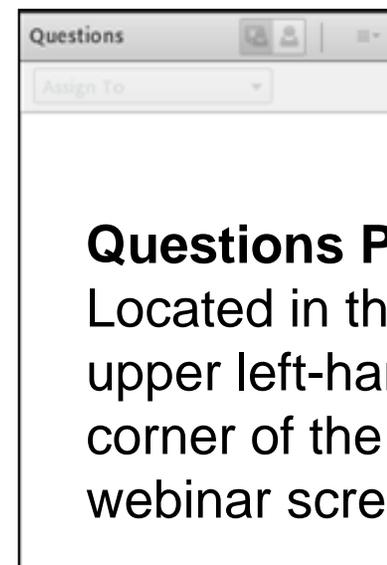# SEVIS Webinar
Batch Processing and Address Validation

Today's Presenters

- **Ann Balough**, Lead, SEVIS Program Development and Management Section and SEVIS Business Project Manager

- **Amy Newman**, Department of State SEVIS Liaison

- **Jared Allen**, SEVIS Webinar Facilitator

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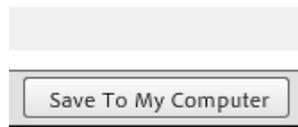
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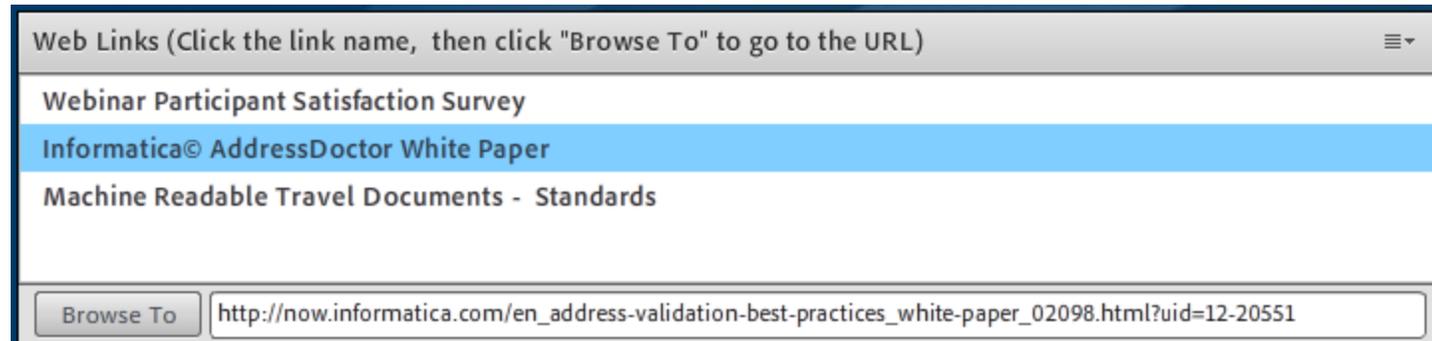4. Save the file using your system procedures

Documents Available To Download Today

- Webinar Slides

- SEVIS Addresses Schema

- SEVIS E-mail Addresses Schema

- SEVIS Names Schema

- API (Application Program Interface) Update

- SEVIS Address Transaction Logs (Sample)

- SEVIS Addresses Job Aids:

  - USPS States and Possessions Abbreviations Job Aid
  - USPS Street and Secondary Unit Abbreviations Job Aid
  - SEVIS Address Error Codes Job Aid

Note: Webinar slides and job aids are also on *Study in the States*.

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Web Links (Click the link name, then click "Browse To" to go to the URL)

Webinar Participant Satisfaction Survey

Informatica© AddressDoctor White Paper

Machine Readable Travel Documents - Standards

Browse To | http://now.informatica.com/en_address-validation-best-practices_white-paper_02098.html?uid=12-20551

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Web Links Available Today

- Webinar Satisfaction Survey

Agenda

- SEVIS Address Validation
  - SEVIS address standardization impact
  - SEVIS address fields
  - Batch address returns
  - Schema final releases
- DS-7002 (Training/Internship Placement Plan)
- E-mail address standardization
- Test Environment Plan
  - Schedule
  - Issues
- Resources

SEVIS Addresses

SEVIS Addresses

- Impact of SEVIS address standardization

- Preferred address standards

- Batch address return

- Override capability

SEVIS Address Fields

- Address 1 [Line 1]
  - SEVIS validates field text

    Note: Line 1 rejects, if address is invalid.

  - Follows USPS street and secondary unit abbreviations

- Address 2 [Line 2]
  - SEVIS does not validate field text

    Note: If Line 1 is accepted, Line 2 never rejects.

  - Comma delimited
  - Allows dormitory name and room number

- City

- State
  - Follows USPS states and possessions abbreviations

- Zip Code

Sample – Return for Changed Address

```xml
<?xml version="1.0" encoding="UTF-8"?>
- <TransactionLog>
  - <BatchHeader>
        <BatchID>20131024000802</BatchID>
        <OrgID>WAS214F46710000</OrgID>
    </BatchHeader>
  - <BatchDetail system="DEV" status="true">
    - <Upload dateTimeStamp="2014-09-03T13:55:34.394-04:00" resultCode="S0000">
          <FileName>Create-Student-3-OO.xml</FileName>
      </Upload>
    - <Process dateTimeStamp="2014-09-03T13:59:00.428-04:00" resultCode="S0000">
      - <RecordCount>
            <Success>1</Success>
            <Failure>0</Failure>
            <Total>1</Total>
        </RecordCount>
      - <Record requestID="a" userID="dzippy6934" sevisID="N0000157471">
            <UserDefinedA/>
            <UserDefinedB/>
            <ProcessDate>2014-09-03T13:57:45.776-04:00</ProcessDate>
            <Result status="true"/>
          - <Dependent dependentSevisID="N0000157472">
              <UserDefinedA/>
              <UserDefinedB/>
            </Dependent>
            <ProvidedAddress>2450 Crystal Dr, Suite 202, Arlington, VA 22202</ProvidedAddress>
            <CorrectedAddress>2450 CRYSTAL DR, Suite 202, ARLINGTON, VA 22202-
              4812</CorrectedAddress>
            <AddressMessage/>
        </Record>
      </Process>
      <Download resultCode="S0000"/>
    </BatchDetail>
</TransactionLog>
```

Sample – Error on Changed Address

```xml
<?xml version="1.0" encoding="UTF-8"?>
- <TransactionLog>
   - <BatchHeader>
         <BatchID>20131024000805</BatchID>
         <OrgID>WAS214F46710000</OrgID>
     </BatchHeader>
   - <BatchDetail system="DEV" status="false">
      - <Upload dateTimeStamp="2014-09-03T14:11:05.371-04:00" resultCode="S0000">
           <FileName>Create-Student-3-OO.xml</FileName>
        </Upload>
      - <Process dateTimeStamp="2014-09-03T14:11:08.185-04:00" resultCode="S0020">
         - <RecordCount>
              <Success>0</Success>
              <Failure>1</Failure>
              <Total>1</Total>
           </RecordCount>
         - <Record requestID="a" userID="dzippy6934">
              <UserDefinedA/>
              <UserDefinedB/>
              <ProcessDate>2014-09-03T14:11:08.157-04:00</ProcessDate>
            - <Result status="false">
                 <ErrorCode>S1146</ErrorCode>
                 <ErrorMessage>Provided address city-state-zip valid but the street address is invalid.
                    Please provide an explanation code in order to over-ride</ErrorMessage>
              </Result>
              <ProvidedAddress>32 Frank St., Suite 202, Arlington, VA 22202</ProvidedAddress>
              <CorrectedAddress/>
              <AddressMessage/>
           </Record>
        </Process>
        <Download resultCode="S0000"/>
     </BatchDetail>
  </TransactionLog>
```

Final Schema Availability

- Names Schema

- Addresses Schema

- E-mail Addresses Schema

Note: Schemas are available in Download Pod, but will not be available on *Study in the States*. If you would like a copy after this webinar, send a request to **SEVISTechnicalFeedback@ice.dhs.gov**, and we will e-mail a copy to you.

Form DS-7002
Training/Internship Placement Plan (T/IPP)

Form DS-7002 (T/IPP) Schedule

Scheduled	Timeframe
Schema for creating a Form DS-7002	November 2014 (Late)
Form DS-7002 (T/IPP) Webinar	December 2014 (Early)
DS-7002 Schema (Additional changes)	January 2015 (Middle)

E-mail Address Standards

E-mail Address Standardization

- Accept e-mail addresses in batch for students and exchange visitors

- Format: username@domainname
  Example: sally.jones@made.up.company.org

E-mail Component	Character Limits
User name	64
Domain name	240
Entire e-mail address	255

- SEVIS removes common errors
  Examples: @@, space, .@, @., comma, etc.

- Target date – 2015

Test Environments

Test Environment Plan

- Final Schema included in Release 6.19:

  – Alpha – For current testing build

  – Beta – For SEVIS Production simulation

  – Estimated deployment – November 2014

- Issues to overcome:

  – Multiple development and testing cycles

  – Must plan carefully so development testing cycles do not overlap in Test Environment systems

Questions and Answers

Resources

Study in the States Website

- SEVIS Information Page
  - **http://studyinthestates.dhs.gov/sevis**
- Webinar Page
  - **http://studyinthestates.dhs.gov/webinars**

Other Resources

- SEVIS E-mail: **SEVISTechnicalFeedback@ice.dhs.gov**
- Department of State E-mail: **jsevis@state.gov**
- SEVP Response Center: **SEVP@ice.dhs.gov**
- SEVIS Help Desk**: 800-892-4829**