

Exhibit 53																
2008 UPI	2009 UPI (17-digits required for all)	Investment title	Investment Description (limited to 255 characters)	Primary FEA Mapping (BRM or SRM)		Percentage (%)					HSPD-12 (\$M)	Homeland Security	DME (\$M)			
				Line of Business or Service Type (3 digit code)	Sub-Function or Svc Component (3 digit code)	BF	BE	Financial	IT Security	IPv6			PY	Priority Identifier (Select all that apply)	PY	CY
	001-00-00-0000-00	Agency Total IT Investment Portfolio											1.500000	1.500000	0.000000	2,222.;
	001-00-01-0000-00	Part 1. IT Systems by Mission Area											0.000000	0.000000	0.000000	
	001-00-02-0000-00	Part 2. IT Infrastructure and Office											1.500000	1.500000	0.000000	2,222.;
	001-03-02-00-01-1230-01-1230-404-139	CBC Investment B	Radio communications capability for emergency worldwide voice communications.	404	139	0.0	0.0	0.0	0.0	0.0	0.000000		1.500000	1.500000	0.000000	2,222.;
	001-02-01-1230-01-07-2342-404-139-405-999	A Monthly EVMS Example Investment		406	999	0.0	0.0	0.0	0.0	0.0	0.000000	1,3,4	1.500000	1.500000	0.000000	2,222.;
	001-01-1230-01-1230-404-139	BY2009 Investment	OMB Short Description of Investment. This is my short description text.OMB Short Description of Investment. This is my short description text.			0.0	0.0	0.0	0.0	0.0	0.000000	2,3,4	0.000000	0.000000	0.000000	

### 8.15.2 Exhibit 53 Part VI – National Security System investments

For BY09 A-11 Guidance, OMB has added a new Exhibit Part option, Part VI, for National Security Systems. Part VI is for reporting amounts for IT Investments representing planning, development, enchantments or implementations of National Security Systems. This part is for DoD investments only. Previously this information was reported within Part V of the Exhibit 53. As of BY09 A-11 Guidance, these investments should no longer be reported in Part V, but broken out as separate line items in Part VI.

### 8.16 Validate and Generate XML Documents

Within eCPIC, there are certain business rules that are ran against the data in the investment. The Validation report will allow users to see what data is not filled out correctly or is missing.

This method ensures that all information is valid according to OMB before generating the XML document. The report list how many issues were found, the type of problem, a description of the problem, and the section and sub-section the problem is located found.

The XML Validation and Generation link is located in the OMB Package Investments screen of the OMB Submissions module. The Validation and Generation allows users to validate each investment OMB Package contains against the Exhibit 300 Schema.

1. Click on the **OMB Submission** module.
2. Click on an **OMB Submission Name** that will be validated.
3. Click on the **XML Validation and Generation** link.

Name	Revision	Is Current Revision	Template	OMB Investment Type	Class	Point of Contact
Investment A	1	Yes	BY2008	01 - Major Investment	IT	User, eCPIC
Investment B	1	Yes	BY2008	01 - Major Investment	IT	User, eCPIC
Investment C	1	Yes	BY2008	01 - Major Investment	IT	User, eCPIC
Investment D	1	Yes	BY2008	01 - Major Investment	IT	User, eCPIC
Investment E	1	Yes	BY2008	01 - Major Investment	IT	User, eCPIC

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The XML Validation and Generation screen will appear:

Select	Title	Revision	Type	Last Validated	Status
<input type="checkbox"/>	Investment A	1	01 - Major Investment		?
<input type="checkbox"/>	Investment B	1	01 - Major Investment		?
<input type="checkbox"/>	Investment C	2	01 - Major Investment		?
<input type="checkbox"/>	Investment D	2	01 - Major Investment		?
<input type="checkbox"/>	Investment E	1	02 - Non-Major Investment		?
<input type="checkbox"/>	Select All				

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In the XML Validation and Generation screen, users will see the list of investments that are part of the OMB Package. The table on this screen displays the Title (*Investment Name*), Revision Number, the Type and the Date that it was *last* validated against the XML Schema.

The Validation Status will be one of the four possibilities:

- ? **Unknown:** The gray question mark indicates that the status is unknown. If this symbol appears in the status column, and there is no date in the Last Validated column, the investment has never been validated against the schema. If the investment has a status of “unknown,” but also displays a Last Validated date, it means that the investment’s status may have changed since the last validation. The status changes based on whether updates have been made to the investment since the Last Validated date.
- ✘ **Schema Validation Failed:** This icon indicates that the investment, when exported to XML, is not valid against the schema. When users click on this icon, a validation report will appear, itemizing the problems that cause the document to be invalid.
- ✘ **Business Logic Validation Failed:** This icon indicates that the investment, when exported to XML, is valid against the schema, but has some business logic

validation warnings. *(The rules for business logic validation are provided below.)* Clicking on this icon will pop-up a validation report itemizing the business logic warnings found.

**Note: An XML document can still be generated when the Business Logic Validation Fails.**

- ✔ **Schema and Business Logic Validation:** This icon indicates that the validation did not produce any error or warnings.

If users have access to the contents of the OMB Submission Package, each investment name will serve as a link that pops up a summary page for the investment. This allows users with access to an investment to review it before generating the corresponding XML document.

4. **Check** the boxes next to the investments to validate. Mark **Select All** to validate in bulk.
5. Click on the **XML** icon ()

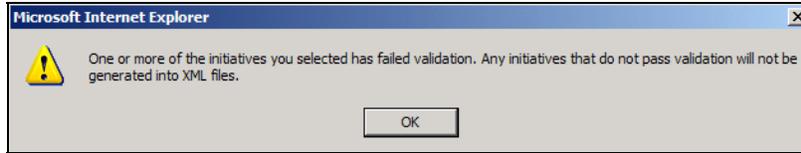
OMB Package Investments		Select Portfolios	Select Investments	[XML Validation and Generation]		
Select	Title	Revision	Type	Last Validated	Status	
<input checked="" type="checkbox"/>	<a href="#">Investment A</a>	1	01 - Major Investment			
<input type="checkbox"/>	<a href="#">Investment B</a>	1	01 - Major Investment			
<input type="checkbox"/>	<a href="#">Investment C</a>	2	01 - Major Investment			
<input type="checkbox"/>	<a href="#">Investment D</a>	2	01 - Major Investment			
<input type="checkbox"/>	<a href="#">Investment E</a>	1	02 - Non-Major Investment			
<input type="checkbox"/>	Select All					

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A pop-up window will appear while the investments are being validated. This informs users that the application is working to process the request.



**Note: When one or more of the investments has failed Schema Validation, the user will be informed through a pop-up warning message. If an investment fails validation, its corresponding XML file will not generate.**



When the  icon is displayed, the investment has failed schema validation. This icon acts as a link to a pop-up window that displays a detailed validation report. A Schema Validation is classified as an ‘Error’, while a Business Logic Validation is classified as a ‘Warning’. Both types of problems will be listed on this report.

Count	Type	XML Errors	Location(s) in the Workflow (Section - Subsection)
1	Error	The 'What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)?' element has an invalid value according to its data type.  This field cannot be blank	II.C: Cost and Schedule Performance BY08 - Earned Value BY08  III.B: Cost and Schedule Performance BY08 - Performance Baseline BY08  IV.C: Cost and Schedule Performance BY08 - Earned Value BY08

2	Warning	There are 3 systems defined in the Planning & Operational Systems - Privacy Table, but 2 systems total between the Systems in Planning - Security and Operational Systems - Security Tables. The number of systems in the privacy table should be equal to the number of systems in the two Security tables.	I.E: Security and Privacy BY08 - Privacy: Planning & Operational Systems BY08
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There are two types of problems that can be found from this report.

**Schema Validation:** This problem is classified as an ‘Error’. *Errors* will keep users from generating the XML. They will have to go to the location of the Error and modify the data.

**Business Logic Validation:** This problem is classified as a ‘Warning’. *Warnings* will allow users to generate the XML. However, it will assist in reviewing the business case for issues that may need to be reviewed.

### 8.17 List of Business Rules

For BY08 and on, Business Rules can be managed by the System Administrator and can be deactivated and activated to validate against the XML.

Name of Rule	Logic
Alternatives Analysis Date	The investment indicates that the alternatives analysis is more than three years old. [Applies to BY2008 and beyond]