1.   Errata

The following table contains clarifications and corrections for Special Publication (SP) 800-126, Revision 2 as of the date indicated in the table.

- The "Item" field indicates the errata item that is detailed in Section 0.
- The "Date" field indicates the date the erratum was added to this document in the format of YYYY-MM-DD.
- The "Type" field describes the change category. A "Technical" change addresses and error in the technical content of the source document. An "Editorial" change addresses a syntax, spelling, punctuation, or grammatical change that does not affect the technical meaning of the source document.
- The "Description" field provides an overview of the change.
- The "Location" field indicates the specific section of text affected by the errata item.

Item	Date	Type	Description	Location
E1	2011-11-29	Technical	The "arf-rel" namespace is updated to the correct namespace as specified in the ARF specification.	P. 5, Table 1
E2	2011-11-29	Technical	The schema for the namespace "http://scap.nist.gov/schema/asset-reporting-format/1.1" has been updated to align with the ARF specification.	P. 5, Table 1
E3	2012-01-27	Technical	The schemas for OVAL 5.10 have been updated to correct various defects.	P. 5, Table 1
E4	2012-02-13	Technical	Clarify Guidance on Patches Up-To-Date Rule.	P. 22, Section 3.2.4.3
E5	2012-02-13	Technical	The schema for the namespace "http://scap.nist.gov/schema/asset-identification/1.1" has been updated to correct an erroneous restriction.	P. 5, Table 1
E6	2012-02-13	Technical	The schema for the namespace "http://scap.nist.gov/schema/asset-reporting-format/1.1" has been updated to include a version attribute.	P. 5, Table 1
E7	2012-03-19	Technical	The specification and schema for the namespace "http://checklists.nist.gov/xccdf/1.2" has been updated.	P. 5, Table 1

2. Errata Detail

E1. The "arf-rel" namespace is updated to the correct namespace as specified in the ARF specification.

<u>Date:</u> November 29, 2011   <u>Type:</u> Technical   <u>Location:</u> P. 5, Table 1

Description:

The "arf-rel" namespace is specified incorrectly in Table 1. Therefore, the "arf-rel" namespace is updated to the correct namespace as specified in the ARF specification (NIST IR 7694, Section 6.1). This correction is also applicable to the sample document located in NIST IR 7694, Appendix D. The line

```
<core:relationships xmlns:arfvocab="http://scap.nist.gov/vocabulary/arf/relationships/1.0#">
```

should be

```
<core:relationships xmlns:arfvocab=" http://scap.nist.gov/specifications/arf/vocabulary/relationships/1.0#">
```

In addition, the same correction is made to the schematron rules in the ARF XML schema located at http://scap.nist.gov/schema/asset-reporting-format/1.1/asset-reporting-format_1.1.0.xsd. The line

```
<sch:let name="arf-namespace" value="string('http://scap.nist.gov/vocabulary/arf/relationships/1.0#')"/>
```

should be

```
<sch:let name="arf-namespace" value="string('http://scap.nist.gov/specifications/arf/vocabulary/relationships/1.0#')"/>
```

Orginal Text:

Prefix	Namespace	Schema
arf-rel	http://scap.nist.gov/vocabulary/arf/relationships/1.0#	ARF relationships

New Text:

Prefix	Namespace	Schema
arf-rel	http://scap.nist.gov/specifications/arf/vocabulary/relationships/1.0#	ARF relationships

E2. The schema for the namespace "http://scap.nist.gov/schema/asset-reporting-format/1.1" has been updated to align with the ARF specification.

Date: November 29, 2011   **Type:** Technical   **Location:** P. 5, Table 1

Description:

In the ARF schema the line

```
<sch:let name="arf-namespace" value="string('http://scap.nist.gov/vocabulary/arf/relationships/1.0#')"/>
```

was correct to:

```
<sch:let name="arf-namespace" value="string('http://scap.nist.gov/specifications/arf/vocabulary/relationships/1.0#')"/>
```

to make it consistent with the specification.

E3. The schemas for OVAL 5.10 have been updated to correct various defects.

Date: January 27, 2012   **Type:** Technical   **Location:** P. 5, Table 1

Description:

OVAL 5.10 has been updated to OVAL 5.10.1.

The following modifications have been made between OVAL 5.10 and OVAL 5.10.1 schema:
- Added the missing extended_name entity to the linux-def:rpmverifypackage_state
- Fixed the minOccurs attribute on the entities in the linux-def:rpmverifypackage_object and the linux-def:rpmverifyfile_object
- Updated the schema_version entity in the oval:GeneratorType to align with the new three-component version identifier
- Fixed owrite and oexec entity documentation in the macos-def:diskutil_test is incorrect
- Fixed win-sc:EntityItemWindowsViewType documentation for the empty string
- Deprecated include_group behavior in win-def:sharedresourceeffectiverights_test and win-def:sharedresourceauditedpermissions_test
- Updated the version element in the oval:DeprecatedInfoType to align with the three-component version identifier
- Updated the foreign_port documentation in the linux-def:inetlisteningservers_test

See http://oval.mitre.org/language/version5.10.1/#new for more details.

E4. Clarify Guidance on Patches Up-To-Date Rule

Date: February 13, 2012   **Type:** Technical   **Location:** Section 3.2.4.3

Description:

The current guidance on performing patches up-to-date checks assumes that patches are checked via numerous OVAL patch class definitions. If a single OVAL definition is leveraged to do patches up-to-date checking, then the following correction SHALL apply:

- For list item #3, the <xccdf:check-content-ref> SHALL refer to the single OVAL definition performing the patches up-to-date check.
- For list item #4, the @multi-check attribute of the <xccdf:check> element SHOULD be set to "false".

The most common use case for this update is when Windows Update Agent (WUA) is used to perform patches up-to-date using only a single OVAL definition.

E5. The schema for the namespace "http://scap.nist.gov/schema/asset-identification/1.1" has been updated to correct an erroneous restriction.

Date: February 13, 2012   **Type:** Technical   **Location:** P. 5, Table 1

Description:

The following modifications have been made to the Asset Identification schema:

- The regular expression restriction on hostname-type was changed from "\w+(\.\w+){0,}" to "[\w\-]+(\.[\w\-]+){0,}" to allow valid hostnames to be specified containing dashes.
- The internal schema version was updated to 1.1.1.

E6. The schema for the namespace "http://scap.nist.gov/schema/asset-reporting-format/1.1" has been updated to include a version attribute.

Date: February 13, 2012   **Type:** Technical   **Location:** P. 5, Table 1

Description:

In the ARF schema, the internal schema version was updated to 1.1.1 due to the update made on Nov 29, 2011.

E7. The specification and schema for the namespace "http://checklists.nist.gov/xccdf/1.2" has been updated.

Date: March 19, 2012   **Type:** Technical   **Location:** P. 5, Table 1

Description:

The following modifications have been made to the XCCDF schema:
- Removed the import of the Dublin Core schema since it was unused.
- Removed the unused overridableIdrefType.
- Removed the key constraint profileIdKeyRef that restricts the contents of the <xccdf:TestResult/xccdf:profile> element to match an <xccdf:Profile> element's @id attribute within the same <xccdf:Benchmark> since this constraint isn't met when Tailoring files are used.
- Created named complex types for anonymous types defined within the xccdf:TestResults/xccdf:benchmark, xccdf:TestResults/xccdf:tailoring-file, xccdf:TestResults/xccdf:target-id-ref, xccdf:Tailoring/xccdf:benchmark, and xccdf:Tailoring/xccdf:version elements to match the type definition conventions using throughout the rest of the schema (and significantly simplifying the dictionary).
- Annotations in the XCCDF schema were extensively revised and expanded to better reflect the information present in the revised specification

The following modifications have been made to the XCCDF specification:
- Typo fix in Table 22 - refine-rule entry: middle sentence says "refine-value" when it means "refine-rule"
- Typo fix in Table 22 - set-value & set-complex-value: last sentences claim that these may have remark elements as children, but this is not true
- Typo fix in Table 25 - In message property description, spec says that severity is optional, but it is required in the schema
- Typos in Table 21 - Before the list of selectors, the descriptions refer to a property's effects on a "profile". After the selectors, the descriptions refer to a property's effects on an "<xccdf:Profile>".
- Updated the document date from September to November
- Updated the change-log to reflect changes to the schema

The updated XCCDF specification is available at
http://csrc.nist.gov/publications/PubsNISTIRs.html#NIST-IR-7275-r4.