

# National Vulnerability Database CPE Dictionary Management Practices

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Christopher McCormick  
Booz Allen / NIST

# Agenda

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- History
- CPE Dictionary Hosted by NVD
- CPE Dictionary Management Process
- Data Requirements
- Submission Interface
- Q&A

# Goals

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- Provide background about CPE Dictionary use at the NVD
- Provide visibility into the CPE Dictionary moderation process used within the NVD
- Convey acceptance criteria guidelines
- Identify current and future process workflows

# Agenda Focus

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## ➤ History

- CPE Dictionary hosted by NVD
- CPE Dictionary Management Process
- Data Requirements
- Submission Interface
- Q&A

# History

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- Transition to CPE at NVD
  - Pre-CPE – NVD proprietary product naming
  - CPE 2.1 – NVD implemented initial CPE support
  - SCAP 1.0 – CPE 2.2 – NVD identified as the primary source of CPE names
  - SCAP 1.2 – CPE 2.3 – NVD updated support based on SCAP requirements
- Transition of CPE Dictionary Moderation Responsibilities

# Agenda Focus

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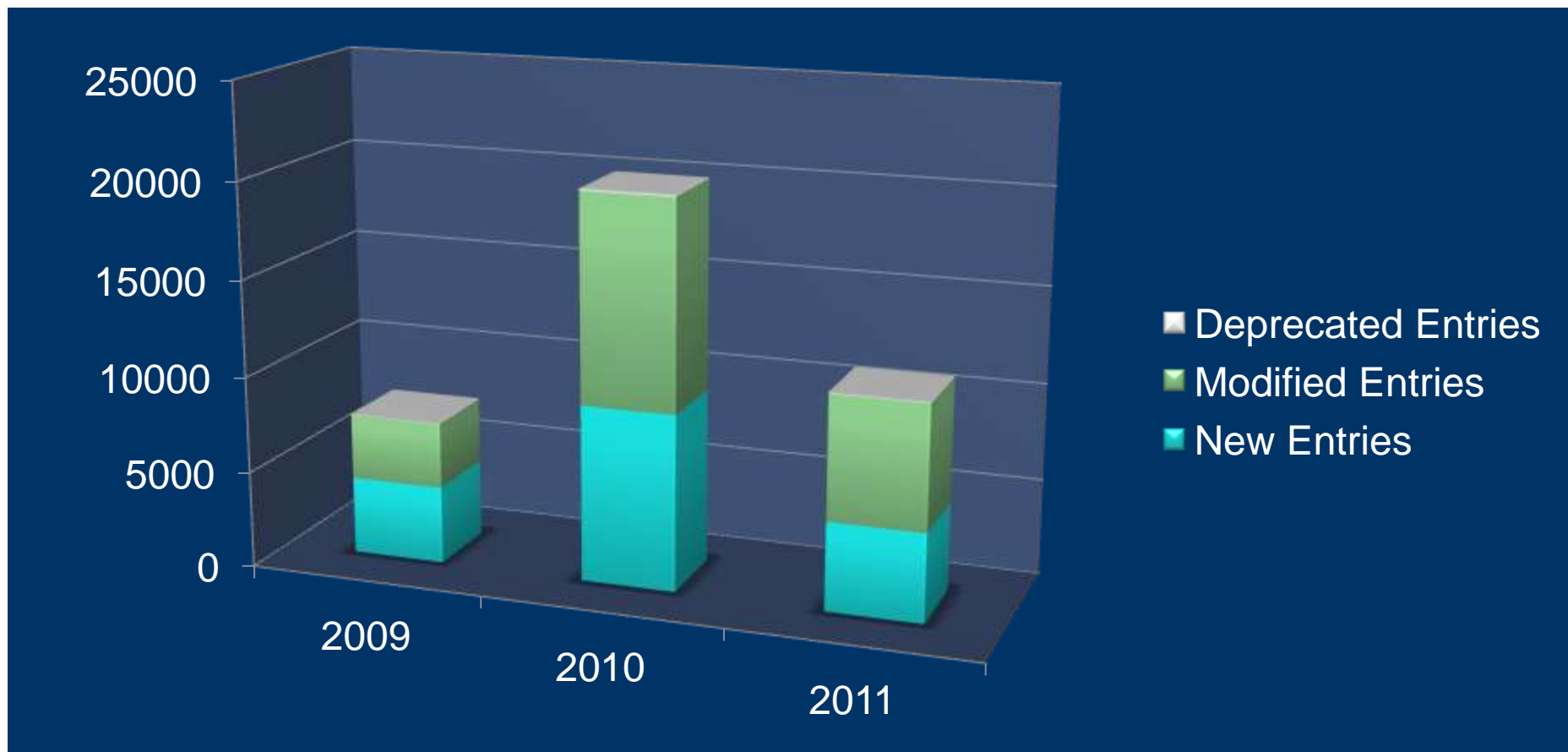
- History
- **CPE Dictionary hosted by NVD**
- CPE Dictionary Management Process
- Data Requirements
- Submission Interface
- Q&A

# CPE Dictionary hosted by NVD

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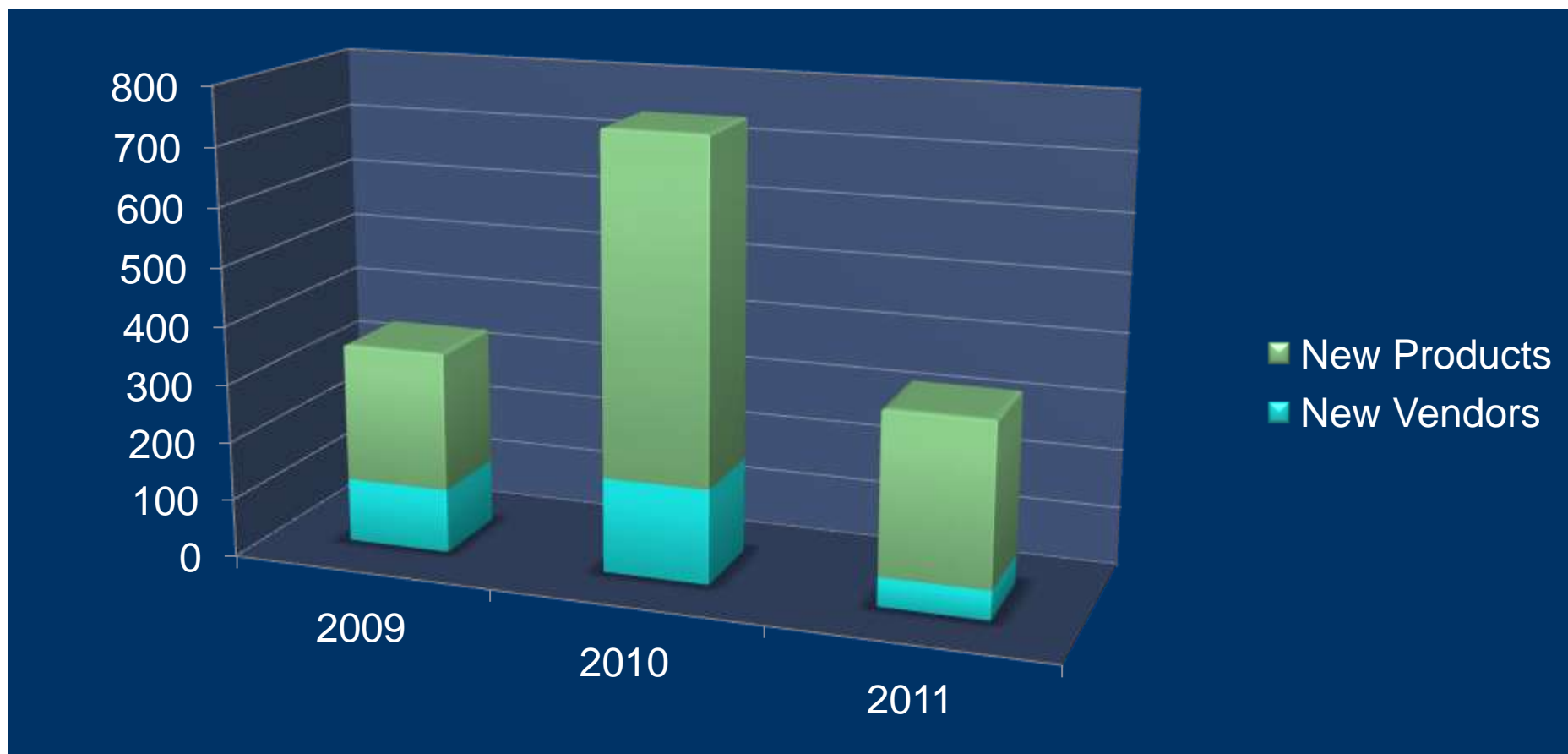
- Collection of CPE names
  - Input from public and private sector
  - Not comprehensive
- CPE is a component of SCAP
  - Dictionary is a source for names
- Downloadable Dictionary feed in XML format
- Searchable web interface
- As of today, 35,222 names in the Dictionary
- International character support (titles)

# 2009 to 2011 Dictionary Activity

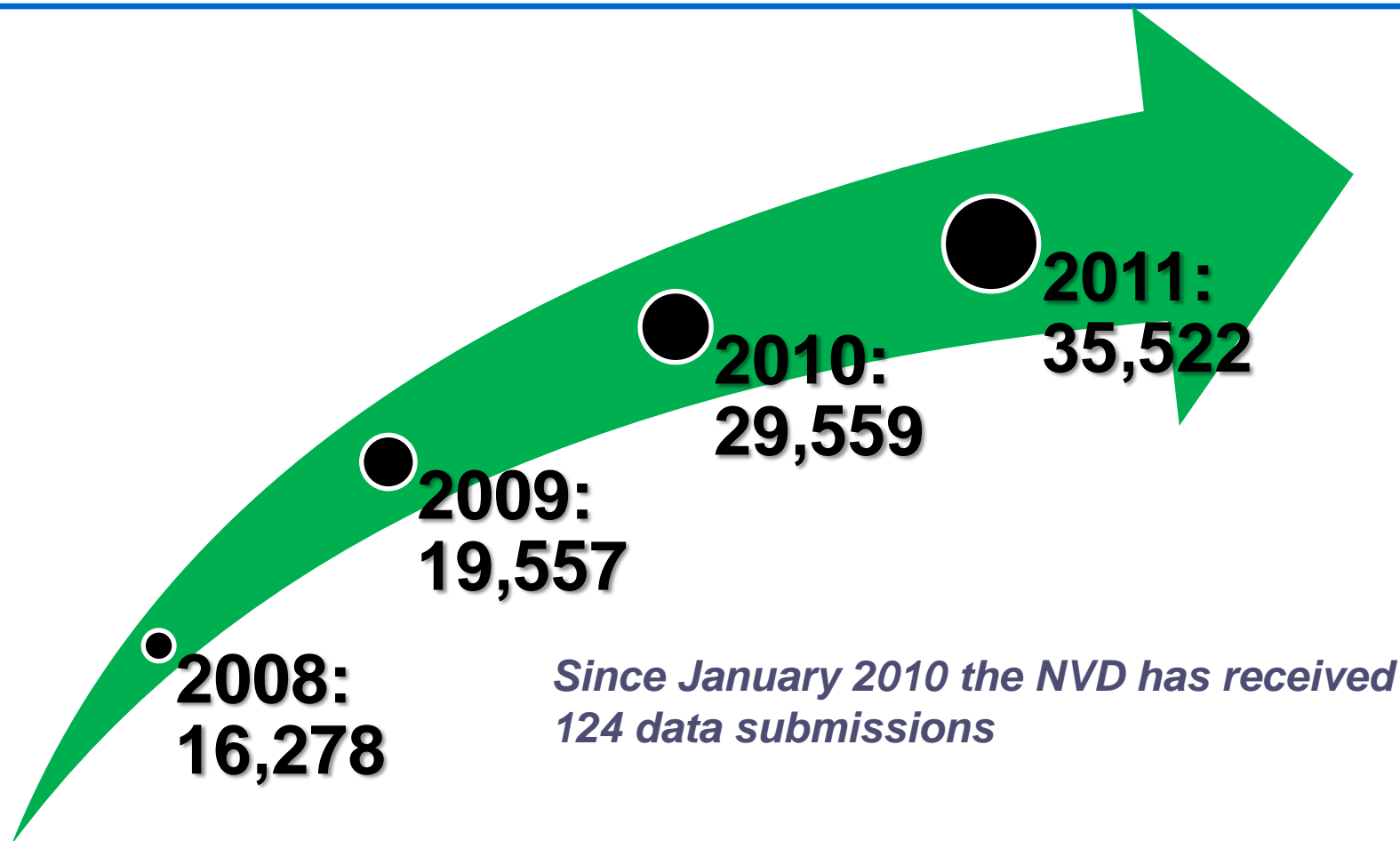




# 2009 to 2011 Vendor & Product Growth



# State of CPE Dictionary



# Agenda Focus

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- History
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- **CPE Dictionary Management Process**
- Data Requirements
- Submission Interface
- Q&A

# CPE Dictionary Management Process

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Community Engagement



Name Collection



Name Review



Name Moderation



Name Publication

# Community Engagement

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- NIST engages with the CPE community to gather CPE Name contributions

## Community Engagement

Name Collection

Name Review

Name Moderation

Name Publication

# Name Collection

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- NIST accepts contributions of CPE Names and metadata in XML CPE Dictionary file format through the email: [cpe\\_dictionary@nist.gov](mailto:cpe_dictionary@nist.gov)

Community Engagement

Name Collection

Name Review

Name Moderation

Name Publication

# Name Review

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- NIST evaluates the community proposed names based upon data requirements



# Name Moderation

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- NIST may revise submissions and propose revisions to submitters based upon further research

Community Engagement

Name Collection

Name Review

Name Moderation

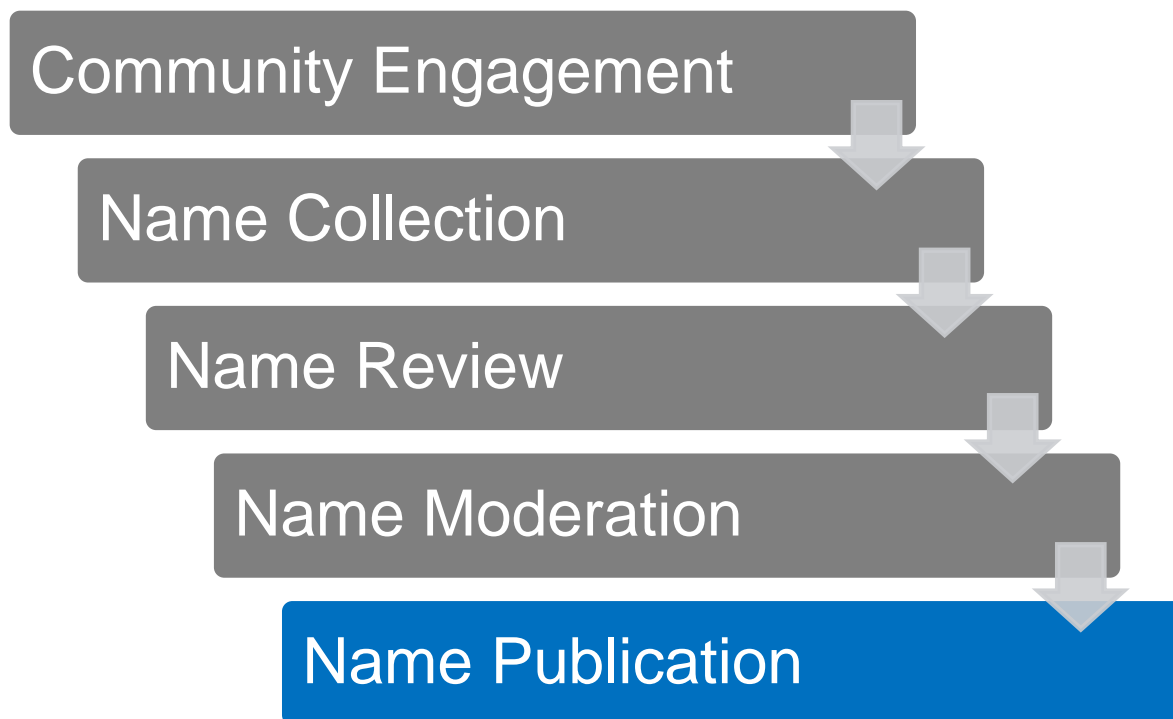
Name Publication



# Name Publication

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- Analyst imports the accepted name contribution into the Dictionary



# Agenda Focus

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- History
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- CPE Dictionary Management Process
- **Data Requirements**
- Submission Interface
- Q&A

# Data Requirements – Consistency

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- To support the CPE matching feature consistency is critical
  - Within a product line / family
  - Within a vendor
  - Within the Official CPE Dictionary

# Data Requirements – “MUSTS”

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Submissions must:

- Meet the naming requirements defined in the specification
- Meet the dictionary requirements defined in the specification
- Validate against the CPE Dictionary XML schema

# Data Requirements – “MUSTS” cont.

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Submissions must also:

- Provide part:vendor:product:version
- New submissions must meet matching requirements in Dictionary specification
- Comprise all known information that can be encoded in a CPE name

## URI Component Specifics – Vendor

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- Vendor component guidelines
  - Based upon DNS name
  - Most widely used organization name
  - Software developer or maintainer name

# URI Component Specifics – Product

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- Product component guidelines
  - Attempt to identify most technically correct product name within component
  - Avoid use of acronyms and abbreviations

# URI Component Specifics – Version

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- Version component guidelines
  - Vendor version information
  - Use of change log files, release announcements
  - Avoid use of “rollup” versions (e.g. 7 vs. 7.0)



# Provenance Data

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- Name instantiation = decision
- Reference points
  - Vendor URL
  - Vendor change log
  - Vendor history file
  - Release announcements
  - Vendor archive of past releases

# Agenda Focus

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- History
- CPE Dictionary hosted by NVD
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- Data Requirements
- **Submission Interface**
- Q&A

# CPE Dictionary Management Process

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Community Engagement



Name Collection



Name Review



Name Moderation



Name Publication

**Process doesn't need to change to support the new interface**

# Submission Interface Demo – CPE Console Login



Sponsored by  
DHS National Cyber Security Division/US-CERT



NIST  
National Institute of  
Standards and Technology

## National Vulnerability Database

automating vulnerability management, security measurement, and compliance checking

<b>Vulnerabilities</b>	<b>Checklists</b>	<b>Product Dictionary</b>	<b>Impact Metrics</b>	<b>Data Feeds</b>	<b>Statistics</b>
<a href="#">Home</a>	<a href="#">SCAP</a>	<a href="#">SCAP Validated Tools</a>	<a href="#">SCAP Events</a>	<a href="#">About</a>	<a href="#">Contact</a>
				<a href="#">Vendor Comments</a>	

**Mission and Overview**

NVD is the U.S. government repository of standards based vulnerability management data. This data enables automation of vulnerability management, security measurement, and compliance (e.g. FISMA).

**Resource Status**

**NVD contains:**

- 48377 [CVE Vulnerabilities](#)
- 195 [Checklists](#)
- 221 [US-CERT Alerts](#)
- 2538 [US-CERT Vuln Notes](#)
- 6908 [OVAL Queries](#)
- 35222 [CPE Names](#)

**Last updated:** Sun Oct 30 11:05:51 EDT 2011

**CVE Publication rate:** 15.8

**Email List**

### NVD Login

\*\*WARNING\*\*WARNING\*\*WARNING\*\*WARNING\*\*WARNING\*\*

You are accessing a U.S. Government information system, which includes: 1) this computer, 2) this computer network, 3) all computers connected to this network, and 4) all devices and storage media attached to this network or to a computer on this network. You understand and consent to the following: you may access this information system for authorized use only; you have no reasonable expectation of privacy regarding any communication of data transiting or stored on this information system; at any time and for any lawful Government purpose, the Government may monitor, intercept, and search and seize any communication or data transiting or stored on this information system; and any communications or data transiting or stored on this information system may be disclosed or used for any lawful Government purpose.

\*\*WARNING\*\*WARNING\*\*WARNING\*\*WARNING\*\*WARNING\*\*

Please log in first

**Username:**

**Password:**

# Submission Interface Demo – CPE Console Dashboard

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests

Keyword:  Search

[Advanced Options...](#)

[Copy to CPE Clipboard](#)

Status	P	Vendor	Product	Version	Update	Ed. (Le)	SW Ed.	TSW	THW	Lang	Other

[Show URI & Title...](#)

# Submission Interface Demo – Keyword Search (component view)

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests

Keyword:  Search

KEYWORD=acrobat

Advanced Options...  
[Copy to CPE Clipboard](#)

Status	P	Vendor	Product	Version	Update	Ed. (Le)	SW Ed.	TSW	THW	Lang	Other
Official	a	adobe	acrobat								
Official	a	adobe	acrobat_3d								
Official	a	adobe	acrobat_business_tools								
Official	a	adobe	acrobat_elements								
Official	a	adobe	acrobat_reader								
Official	a	adobe	acrobat	3.0							
Official	a	adobe	acrobat	3.1							
Official	a	adobe	acrobat	4.0							
Official	a	adobe	acrobat	4.0.5							
Official	a	adobe	acrobat	4.0.5a							
Official	a	adobe	acrobat	4.0.5c							

Showing 1 - 20 of 144    Go to Page    1   2   3   4   5   6   7   8    Results per Page    20    Show URI & Title...

# Submission Interface Demo – Keyword Search (URI / Title view)

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests

Keyword:  Search

KEYWORD=acrobat

Advanced Options...  
[Copy to CPE Clipboard](#)

Status	CPE Name	Title (en_US)
Official (Draft)	cpe:/a:adobe:acrobat	Adobe Acrobat
Official (Draft)	cpe:/a:adobe:acrobat_3d	Adobe Acrobat 3D
Official (Draft)	cpe:/a:adobe:acrobat_business_tools	Adobe Acrobat Business Tools
Official (Draft)	cpe:/a:adobe:acrobat_elements	Adobe Acrobat Elements
Official (Draft)	cpe:/a:adobe:acrobat_reader	Adobe Acrobat Reader
Official (Draft)	cpe:/a:adobe:acrobat:3.0	Adobe Acrobat 3.0
Official (Draft)	cpe:/a:adobe:acrobat:3.1	Adobe Acrobat 3.1
Official (Draft)	cpe:/a:adobe:acrobat:4.0	Adobe Acrobat 4.0
Official (Draft)	cpe:/a:adobe:acrobat:4.0.5	Adobe Acrobat 4.0.5
Official (Draft)	cpe:/a:adobe:acrobat:4.0.5a	Adobe Acrobat 4.0.5a
Official (Draft)	cpe:/a:adobe:acrobat:4.0.5c	Adobe Acrobat 4.0.5c
Official (Draft)	cpe:/a:adobe:acrobat:5.0	Adobe Acrobat 5.0

Showing 1 - 20 of 144    Go to Page    1   2   3   4   5   6   7   8    Results per Page    20    Show Components...

# Submission Interface Demo – Advanced Search Options

File Admin View

Welcome, Submitter Role!

CPE Search **CPE Requests**

Keyword:

Hide Advanced Options

Keyword Search Only in:  Vendor  Product  Version  Update  Edition

Part:  Update:

Vendor:  Update:  Software Ed.:

Product:  Target SW:

Version:  Target HW:

Edition (Legacy):  Other:

[Copy to CPE Clipboard](#)

Status	P	Vendor	Product	Version	Update	Ed. (Le	SW Ed.	TSW	THW	Lang	Other

Show URI & Title...



# Submission Interface Demo – Advanced Search Options cont.

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests

Keyword:  Search

Keyword Search Only in:  Vendor  Product  Version  Update  Edition

Part:  Update:

Vendor:  Language:  Software Ed.:

Product:  Target SW:

Version:  Edition (Legacy):  Target HW:

Other:

vendor=cisco, part=h

[Copy to CPE Clipboard](#)

Status	P	Vendor	Product	Version	Update	Ed. (Le)	SW Ed.	TSW	THW	Lang	Other
Official	h	cisco	2000_wireless_lan_controller								
Official	h	cisco	2100_wireless_lan_controller								
Official	h	cisco	2700_wireless_location_appliance								
Official	h	cisco	4100_wireless_lan_controller								
Official	h	cisco	4400_wireless_lan_controller								

Showing 1 - 20 of 516 Go to Page           ... Next Results per Page  Show URI & Title...

# Submission Interface Demo – Advanced Search Options cont.

File Admin View

Welcome, Submitter Role!

CPE Search **CPE Requests**

Keyword:

Keyword Search Only in:  Vendor  Product  Version  Update  Edition

Part:  Update:

Vendor:  Language:  Software Ed.:

Product:  Target SW:

Version:  Edition (Legacy):  Target HW:

Other:

vendor=cisco, part=h [Copy to CPE Clipboard](#)

Status	CPE Name	Title (en_US)
Official (Draft)	cpe:/h:cisco:2000_wireless_lan_controller	Cisco 2000 Series Wireless LAN Controller
Official (Draft)	cpe:/h:cisco:2100_wireless_lan_controller	Cisco 2100 Series Wireless LAN Controller
Official (Draft)	cpe:/h:cisco:2700_wireless_location_appliance	Cisco 2700 Wireless Location Appliance
Official (Draft)	cpe:/h:cisco:4100_wireless_lan_controller	Cisco 4100 Series Wireless LAN Controller
Official (Draft)	cpe:/h:cisco:4400_wireless_lan_controller	Cisco 4400 Series Wireless LAN Controller

Showing 1 - 20 of 516 Go to Page           ...  Results per Page

# Submission Interface Demo – Tabbed Page Navigation

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests

Keyword:  Search

KEYWORD=acrobat

Advanced Options...  
[Copy to CPE Clipboard](#)

Status	P	Vendor	Product	Version	Update	Ed. (Le)	SW Ed.	TSW	THW	Lang	Other
Official	a	adobe	acrobat	10.0.3							
Official	a	adobe	acrobat_reader	10.0.3							
Official	a	adobe	acrobat_reader	9.4.4							
Official	a	adobe	acrobat	9.4.4							

Showing 141 - 144 of 144    Go to Page    1   2   3   4   5   6   7   8    Results per Page    20    Show URI & Title...

# Submission Interface Demo – CPE Details View

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests

Keyword:  Search

KEYWORD=acrobat

Advanced Options... Copy to CPE Clipboard

Status	P	Vendor	Product	Version	Update	Ed. (Le)	SW Ed.	TSW	THW	Lang	Other
Official	a	adobe	acrobat	10.0.3							
Official	a	adobe	acrobat_reader	10.0.3							
Official	a	adobe	acrobat_reader	9.4.4							
Official	a	adobe	acrobat	9.4.4							

Showing 141 - 144 of 144 Go to Page 1 2 3 4 5 6 7 8 Results per Page 20 Show URI & Title...

[cpe:/a:adobe:acrobat:10.0.3](#) CPE URI Copy to Clipboard

Created 06/09/2011 Modified 06/30/2011 Status Official (Draft) NVD ID 148951

Metadata Usage

CPE Detail	
Title	Adobe Acrobat X (10.0.3) en_US

# Submission Interface Demo – CPE Details View (webpage)

**Mission and Overview**

NVD is the U.S. government repository of standards based vulnerability management data. This data enables automation of vulnerability management, security measurement, and compliance (e.g. FISMA).

**Resource Status**

**NVD contains:**

- 48377 [CVE Vulnerabilities](#)
- 195 [Checklists](#)
- 221 [US-CERT Alerts](#)
- 2538 [US-CERT Vuln Notes](#)
- 6908 [OVAL Queries](#)
- 35222 [CPE Names](#)

**Last updated:** Sun Oct 30 11:35:35 EDT 2011

**CVE Publication rate:** 15.8

**Email List**

NVD provides four mailing lists to the public. For information and subscription instructions please visit [NVD Mailing Lists](#)

**Workload Index**

Vulnerability [Workload Index](#): 9.06

**CPE Summary for cpe:/a:adobe:acrobat:10.0.3**

[Return to Search Listing](#)

**cpe:/a:adobe:acrobat:10.0.3**

**Created On:** 06/09/11  
**Last Modified On:** 06/30/11

Part:	<a href="#">a</a>
Vendor:	<a href="#">adobe</a>
Product:	<a href="#">acrobat</a>
Version:	<a href="#">10.0.3</a>
Revision:	
Edition:	
Language:	
Software Edition:	
Target Software:	
Target Hardware:	
Other:	

**Metadata**

Title	Title Text	Title Locale
	Adobe Acrobat X (10.0.3)	en_US

**CPE Usage**

[View Vulnerabilities](#)

# Submission Interface Demo – CPE Details View (console)

File Admin View

CPE Search <http://web.nvd.nist.gov/view/cpe/search?cid=2> Welcome, Submitter Role!

CPE Search CPE Requests

Keyword:  Search

KEYWORD=acrobat

Advanced Options... [Copy to CPE Clipboard](#)

Status	P	Vendor	Product	Version	Update	Ed. (Le)	SW Ed.	TSW	THW	Lang	Other
Official	a	adobe	acrobat	10.0.3							
Official	a	adobe	acrobat_reader	10.0.3							
Official	a	adobe	acrobat_reader	9.4.4							
Official	a	adobe	acrobat	9.4.4							

Showing 141 - 144 of 144 Go to Page [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) Results per Page  Show URI & Title...

[cpe:/a:adobe:acrobat:10.0.3](#)

Created 06/09/2011 Modified 06/30/2011 Status Official (Draft) NVD ID 148951

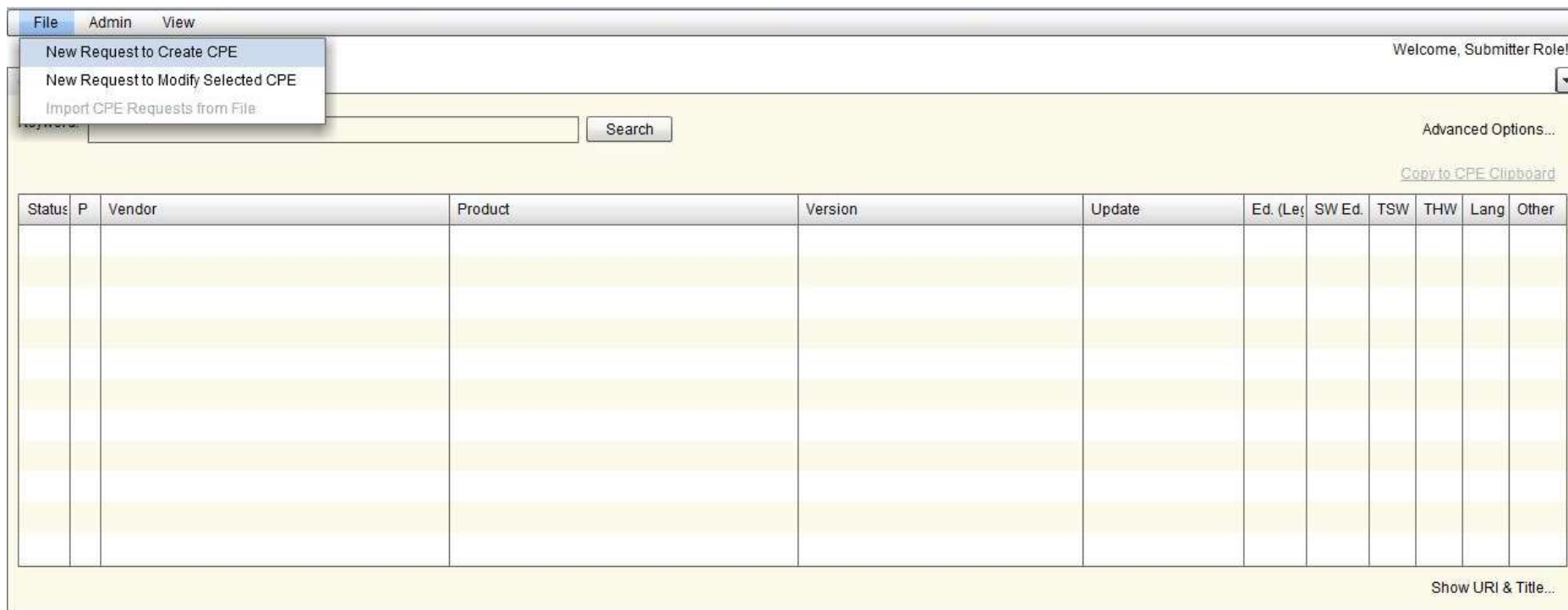
Metadata Usage

Vulnerability Checklist CCE [Usage Search](#) [Refresh](#)

ID	Description

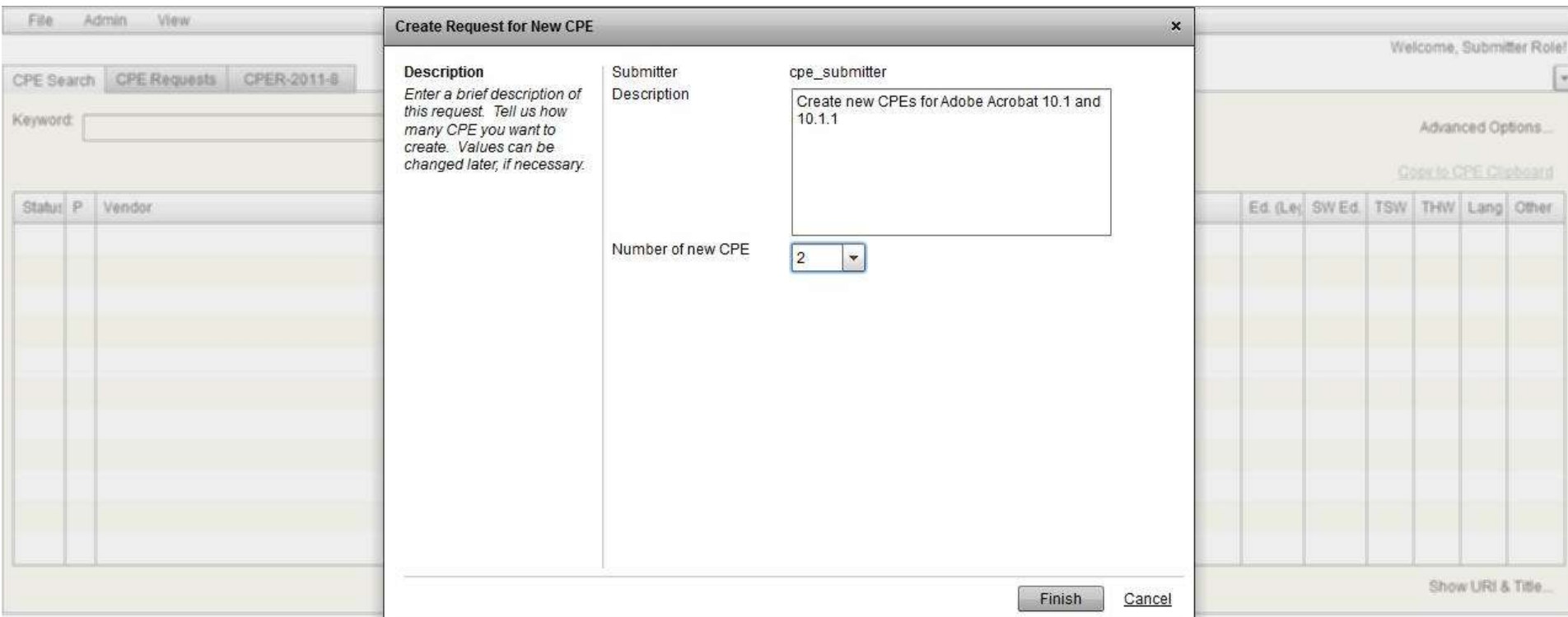
*Double-click on an item to view it.*

# Submission Interface Demo – New Request to Create CPE



The screenshot displays the SCAP submission interface. At the top, there is a menu bar with 'File', 'Admin', and 'View'. The 'File' menu is open, showing options: 'New Request to Create CPE', 'New Request to Modify Selected CPE', and 'Import CPE Requests from File'. Below the menu is a search bar with a 'Search' button. The main area contains a table with the following columns: Status, P, Vendor, Product, Version, Update, Ed. (Le), SW Ed., TSW, THW, Lang, and Other. The table is currently empty. In the top right corner, it says 'Welcome, Submitter Role!' and 'Advanced Options...'. At the bottom right, there is a link for 'Copy to CPE Clipboard' and a button for 'Show URI & Title...'.

# Submission Interface Demo – Enter Description and Number (2)



The screenshot displays the SCAP Submission Interface with a modal dialog box titled "Create Request for New CPE".

**Background Interface:**

- Menu: File, Admin, View
- Navigation: CPE Search, CPE Requests, CPER-2011-8
- Form: Keyword: \_\_\_\_\_
- Table:
 

Status	P	Vendor
- Text: Welcome, Submitter Role! (dropdown)
- Text: Advanced Options... (dropdown)
- Text: Go to CPE Clipboard (dropdown)
- Table:
 

Ed. (L)	SW Ed.	TSW	THW	Lang	Other
- Text: Show URI & Title... (dropdown)

**Dialog Box: Create Request for New CPE**

- Description:** Enter a brief description of this request. Tell us how many CPE you want to create. Values can be changed later, if necessary.
- Submitter:** cpe\_submitter
- Description:** Create new CPEs for Adobe Acrobat 10.1 and 10.1.1
- Number of new CPE:** 2
- Buttons: Finish, Cancel



# Submission Interface Demo – Edit URI Confirm Dialog

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-8 CPER-2011-9

**CPER-2011-9 - New**

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

Authority: CPESubmitter Role, NIST, Computer Security Division

Description: Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPE must have, at a minimum: Part, Vendor, Product, Version

Submit for Review Delete this Request

CPEs in this Request Comments Impact

Edit URI Edit Metadata Paste from CPE Clipboard Remove Keep Make a Copy

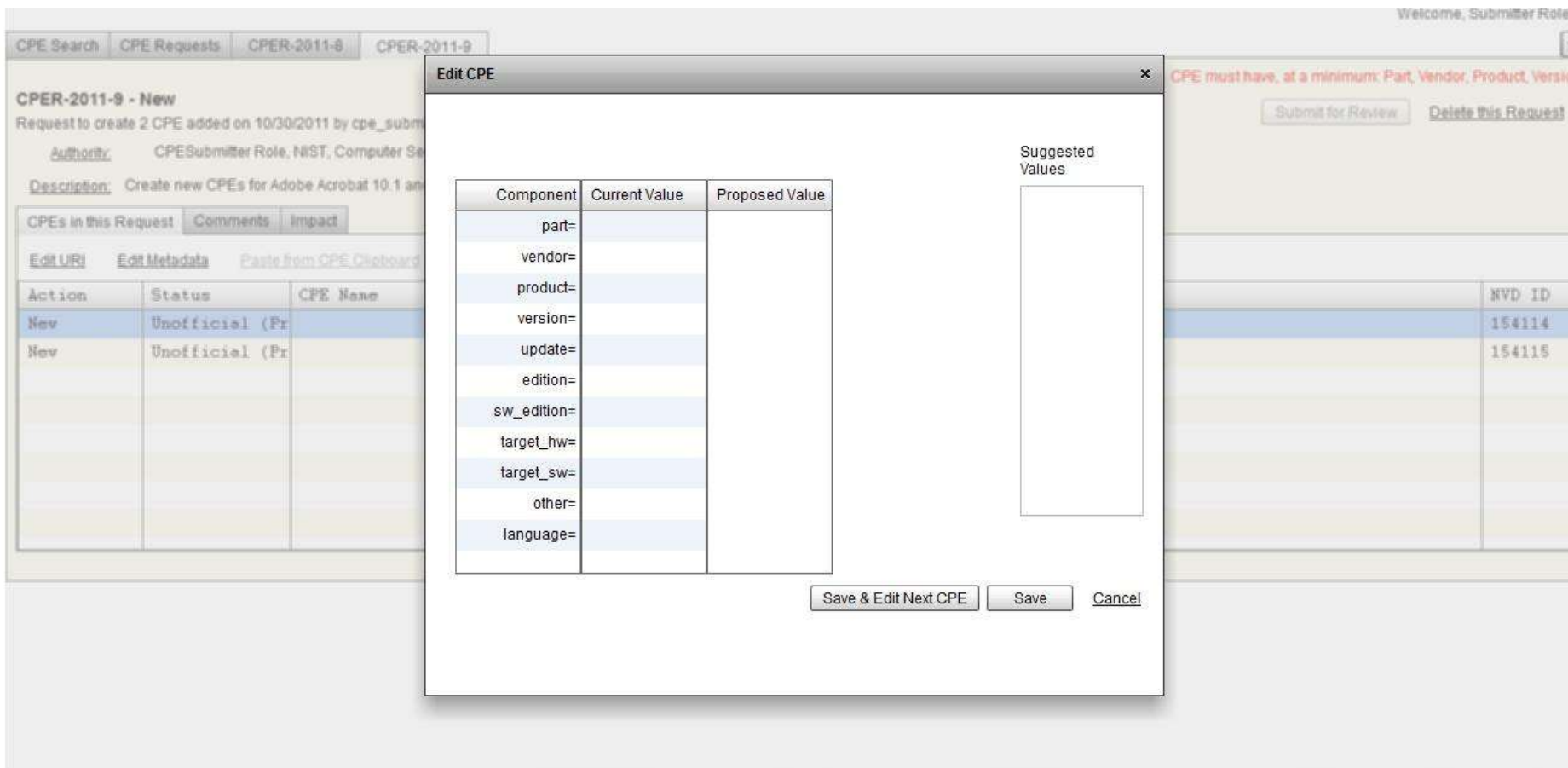
Action	Status	CPE Name	NVD ID
New	Unofficial (Pr		154114
New	Unofficial (Pr		154115

**Confirm**

This request has an incomplete CPE URI. Edit the URI now?

OK Cancel

# Submission Interface Demo – Edit CPE Attributes Dialog

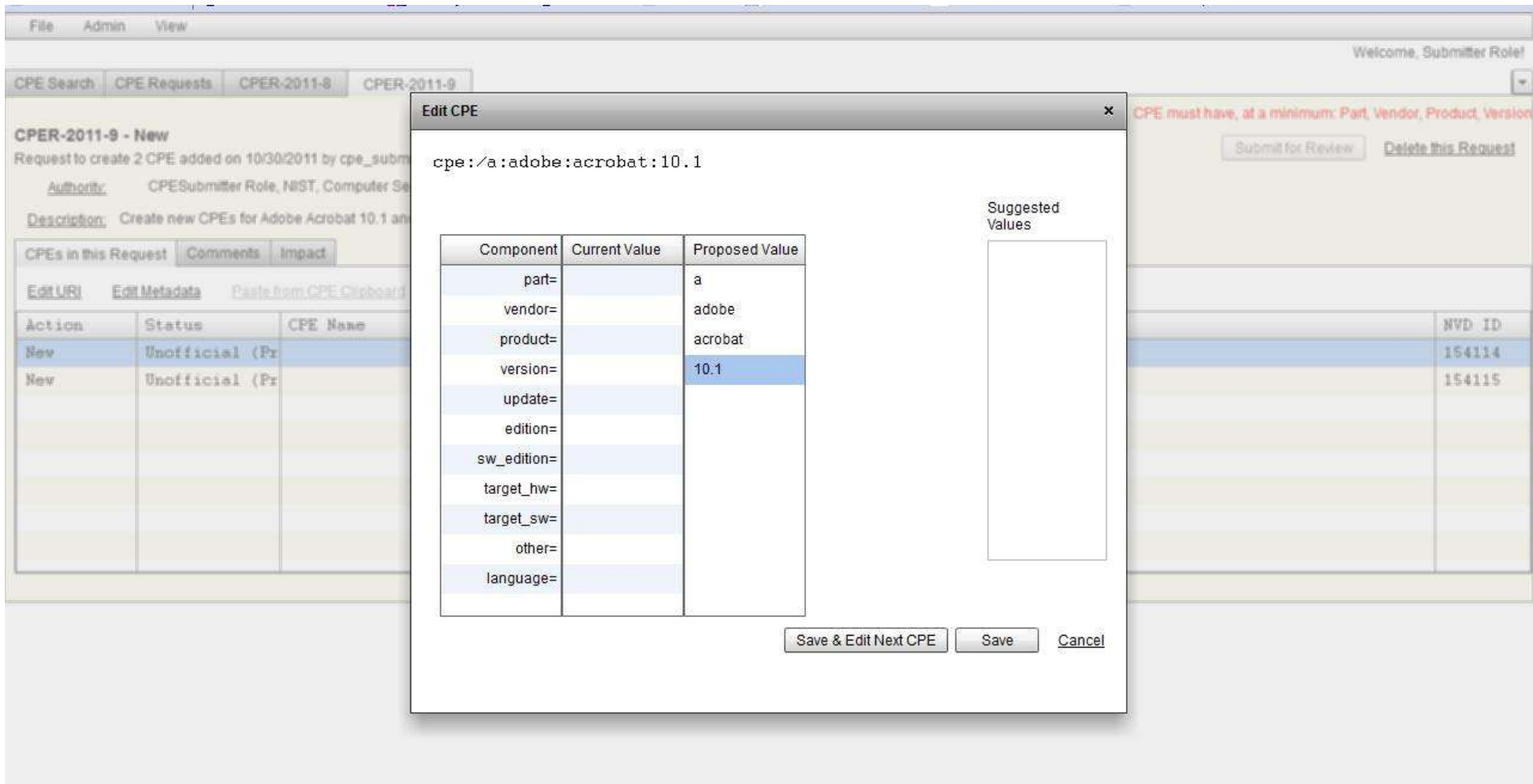


The screenshot shows the 'Edit CPE' dialog box overlaid on the submission interface. The dialog contains a table for editing CPE attributes and a 'Suggested Values' field.

Component	Current Value	Proposed Value
part=		
vendor=		
product=		
version=		
update=		
edition=		
sw_edition=		
target_hw=		
target_sw=		
other=		
language=		

Buttons at the bottom of the dialog: **Save & Edit Next CPE**, **Save**, **Cancel**

# Submission Interface Demo – Add CPE Attributes (10.1)



**Edit CPE**

cpe:/a:adobe:acrobat:10.1

Component	Current Value	Proposed Value
part=		a
vendor=		adobe
product=		acrobat
version=		10.1
update=		
edition=		
sw_edition=		
target_hw=		
target_sw=		
other=		
language=		

Suggested Values

Save & Edit Next CPE Save Cancel

**CPE Requests**

CPER-2011-8 CPER-2011-9

**CPER-2011-9 - New**

Request to create 2 CPE added on 10/30/2011 by cpe\_subm

Authority: CPESubmitter Role, NIST, Computer Se

Description: Create new CPEs for Adobe Acrobat 10.1 and

CPEs in this Request Comments Impact

Action	Status	CPE Name	NVD ID
New	Unofficial (Pr		154114
New	Unofficial (Pr		154115

# Submission Interface Demo – Add CPE Attributes (10.1.1)

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-8 CPER-2011-9

**CPER-2011-9 - New**  
 Request to create 2 CPE added on 10/30/2011 by cpe\_subm  
 Authority: CPESubmitter Role, NIST, Computer Se  
 Description: Create new CPEs for Adobe Acrobat 10.1 an

CPEs in this Request Comments Impact

Edit URI Edit Metadata Paste from CPE Clipboard

Action	Status	CPE Name
New	Unofficial (Pr	cpe:/a/adobe
New	Unofficial (Pr	

CPE must have, at a minimum: Part, Vendor, Product, Version

Submit for Review Delete this Request

**Edit CPE**

cpe:/a:adobe:acrobat:10.1.1

1 of 2 Other Values

Component	Current Value	Proposed Value
part=		a
vendor=		adobe
product=		acrobat
version=		10.1.1
update=		
edition=		
sw_edition=		
target_hw=		
target_sw=		
other=		
language=		

Suggested Values

Save & Edit Next CPE Save & Close Close

# Submission Interface Demo – View Names in Request

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

## CPER-2011-9 - New

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

[Submit for Review](#) [Delete this Request](#)

**Authority:** CPESubmitter Role, NIST, Computer Security Division

**Description:** Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request [Comments](#) [Impact](#)

[Edit URI](#) [Edit Metadata](#) [Paste from CPE Clipboard](#) [Remove](#) [Deprecate](#) [Make a Copy](#)

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1	154115

### [cpe:/a:adobe:acrobat:10.1.1](#)

CPE URI [Copy to Clipboard](#)

Created 10/30/2011

Modified 10/30/2011

Status Unofficial (Provisional)

NVD ID 154114

[Metadata](#) [Usage](#)

CPE Detail

Metadata	Usage

# Submission Interface Demo – Comments Tab View

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-8 CPER-2011-9

**CPER-2011-9 - New**

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

**Authority:** CPESubmitter Role, NIST, Computer Security Division

**Description:** Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request Comments Impact

[Comment on this Request](#)

[Submit for Review](#) [Delete this Request](#)

CPE Detail

Created 10/30/2011 Modified 10/30/2011 Status Unofficial (Provisional) CPE URI Copy to Clipboard NVD ID 154115

Metadata	Usage

# Submission Interface Demo – Impact Tab View

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-8 CPER-2011-9

**CPER-2011-9 - New** [Submit for Review](#) [Delete this Request](#)

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

Authority: CPESubmitter Role, NIST, Computer Security Division

Description: Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request Comments Impact

Vulnerability	Checklist	CCE	Refresh
ID	Description		
CVE-2011-2442	Adobe Reader and Acrobat 8.x before 8.3.1, 9.x before 9.4.6, and 10.x before 10.1.1 allow attackers to execute arbitrary code via unspecified vectors, related to a "logic error vulnerability."		
CVE-2011-2441	Multiple stack-based buffer overflows in CoolType.dll in Adobe Reader and Acrobat 8.x before 8.3.1, 9.x before 9.4.6, and 10.x before 10.1.1 allow attackers to execute arbitrary code via unspecified vectors.		
CVE-2011-2440	Use-after-free vulnerability in Adobe Reader and Acrobat 8.x before 8.3.1, 9.x before 9.4.6, and 10.x before 10.1.1 allows attackers to execute arbitrary code via unspecified vectors.		
CVE-2011-2439	Adobe Reader and Acrobat 8.x before 8.3.1, 9.x before 9.4.6, and 10.x before 10.1.1 allow attackers to execute arbitrary code via unspecified vectors, related to a "memory leakage condition vulnerability."		
CVE-2011-2438	Multiple stack-based buffer overflows in the image-parsing library in Adobe Reader and Acrobat 8.x before 8.3.1, 9.x before 9.4.6, and 10.x before 10.1.1 allow attackers to execute arbitrary code via unspecified vectors.		

Showing 1 - 12 Go to Page  Results per Page

*Double-click on an item to view it.*

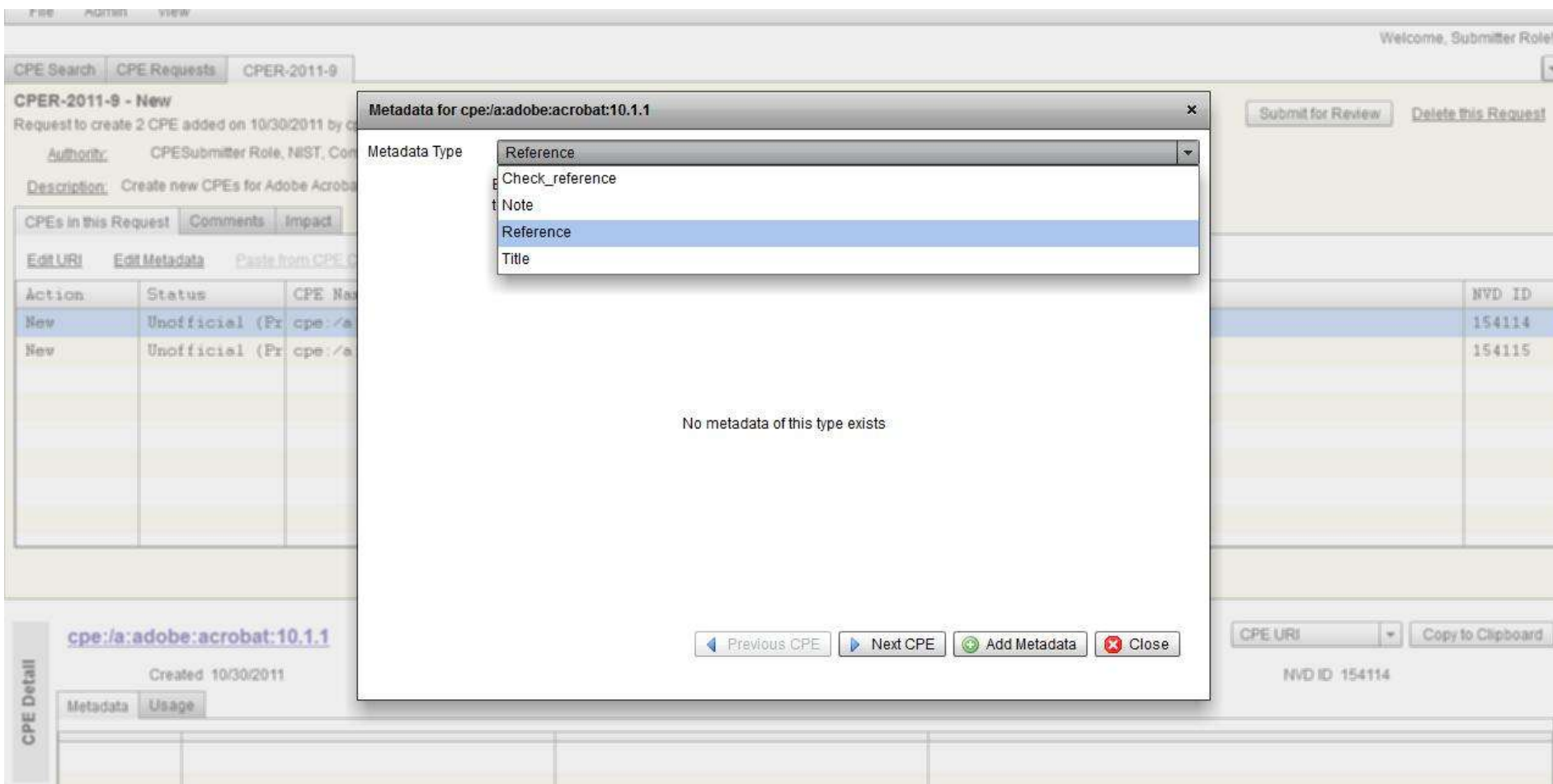
**CPE Detail**

Created 10/30/2011 Modified 10/30/2011 Status Unofficial (Provisional)

NVD ID 154115

Metadata	Usage

# Submission Interface Demo – Edit Metadata (Add Reference)



The screenshot shows the SCAP Submission Interface with a modal dialog box titled "Metadata for cpe:/a:adobe:acrobat:10.1.1". The dialog box has a "Metadata Type" dropdown menu with the following options: Reference (selected), Check\_reference, Note, Reference, and Title. Below the dropdown, the text "No metadata of this type exists" is displayed. At the bottom of the dialog box, there are four buttons: "Previous CPE", "Next CPE", "Add Metadata", and "Close".

In the background, the main interface shows a table of CPEs with the following data:

Action	Status	CPE Name
Rev	Unofficial (Pr	cpe:/a
Rev	Unofficial (Pr	cpe:/a

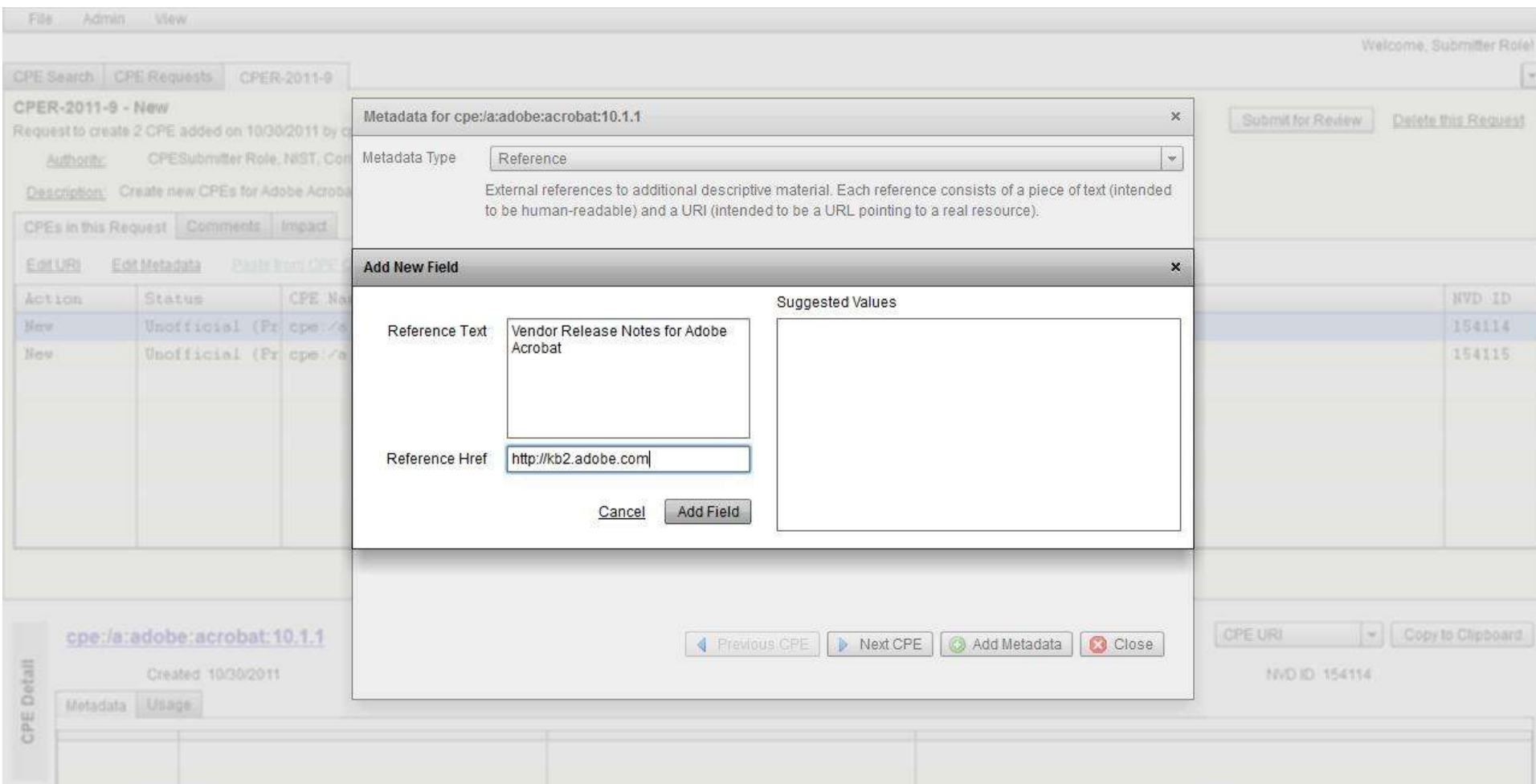
On the right side of the interface, there is a table with the following data:

NVD ID
154114
154115

At the bottom of the interface, the "CPE Detail" section shows the CPE URI "cpe:/a:adobe:acrobat:10.1.1" and the creation date "Created 10/30/2011". There are also buttons for "Metadata" and "Usage".



# Submission Interface Demo – Edit Metadata (Add Reference Data)



The screenshot displays the SCAP submission interface with a modal dialog box titled "Add New Field" open. The dialog is for editing metadata for the CPE URI `cpe:/a:adobe:acrobat:10.1.1`. The "Metadata Type" is set to "Reference". The description states: "External references to additional descriptive material. Each reference consists of a piece of text (intended to be human-readable) and a URI (intended to be a URL pointing to a real resource)."

The "Add New Field" dialog contains the following fields:

- Reference Text:** Vendor Release Notes for Adobe Acrobat
- Reference Href:** `http://kb2.adobe.com`
- Suggested Values:** An empty text area for suggesting values.

Buttons at the bottom of the dialog include "Cancel" and "Add Field".

The background interface shows a table of CPEs with columns for Action, Status, and CPE Name. The current CPE is `cpe:/a:adobe:acrobat:10.1.1` with a status of "Unofficial (Pr)".

# Submission Interface Demo – Edit Metadata (View Reference)

File Admin View Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

**CPER-2011-9 - New**  
Request to create 2 CPE added on 10/30/2011 by cpe...

Authority: CPESubmitter Role, NIST, Con...  
Description: Create new CPEs for Adobe Acrobat

CPEs in this Request Comments Impact

Edit URI Edit Metadata Paste from CPE C...

Action	Status	CPE Name
New	Unofficial (Pr...	cpe://a...
New	Unofficial (Pr...	cpe://a...

**Metadata for cpe://a:adobe:acrobat:10.1.1**

Metadata Type: Reference

External references to additional descriptive material. Each reference consists of a piece of text (intended to be human-readable) and a URI (intended to be a URL pointing to a real resource).

Reference Text	Reference Href
Vendor Release Notes for Adobe Acrobat	http://kb2.adobe.com

Previous CPE Next CPE Add Metadata Close

Submit for Review Delete this Request

	NVD ID
	154114
	154115

CPE URI:  Copy to Clipboard

NVD ID: 154114

**CPE Detail**  
cpe://a:adobe:acrobat:10.1.1  
Created: 10/30/2011

Metadata Usage

# Submission Interface Demo – Edit Metadata (Add Title)

CPE Search | CPE Requests | CPER-2011-9

**CPER-2011-9 - New**  
Request to create 2 CPE added on 10/30/2011 by cpe...

Authority: CPESubmitter Role, NIST, Cor...  
Description: Create new CPEs for Adobe Acrobat...

CPEs in this Request | Comments | Impact

Edit URI | Edit Metadata | Paste from CPE C...

Action	Status	CPE Name
New	Unofficial (Pr...	cpe:/a...
New	Unofficial (Pr...	cpe:/a...

**Metadata for cpe:/a:adobe:acrobat:10.1.1** [X]

Metadata Type: Title

- Check\_reference
- Note
- Reference
- Title

No metadata of this type exists

◀ Previous CPE
▶ Next CPE
➕ Add Metadata
✖ Close

Submit for Review
Delete this Request

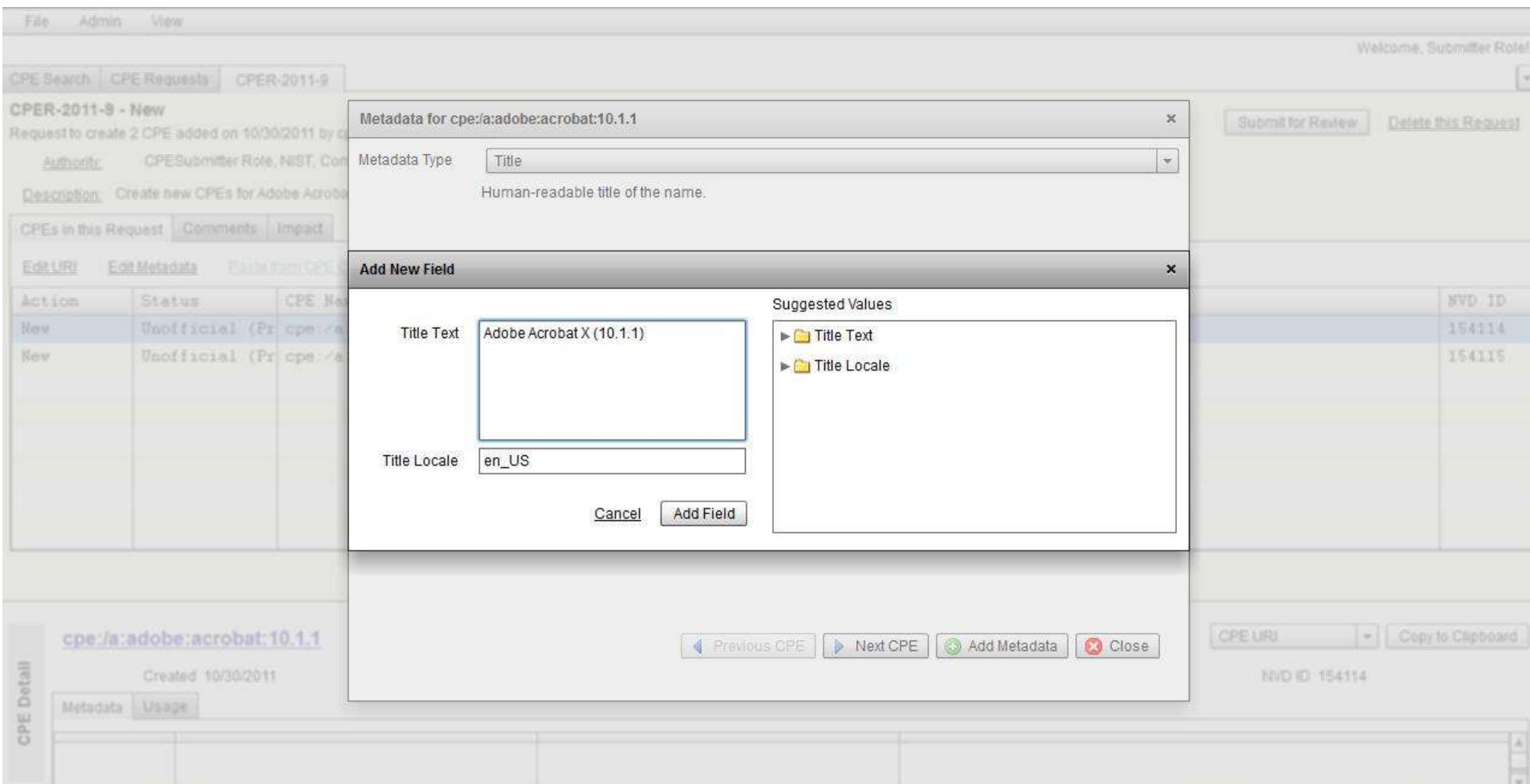
	NVD ID
	154114
	154115

CPE URI Copy to Clipboard  
 NVD ID: 154114

**CPE Detail**  
[cpe:/a:adobe:acrobat:10.1.1](#)  
 Created 10/30/2011

Metadata	Usage

# Submission Interface Demo – Edit Metadata (Add Title Data)



The screenshot displays the SCAP submission interface with two modal windows open over a background page for CPE ID `cpe:/a:adobe:acrobat:10.1.1`.

**Metadata for cpe:/a:adobe:acrobat:10.1.1**

- Metadata Type: Title (Human-readable title of the name.)

**Add New Field**

- Title Text: Adobe Acrobat X (10.1.1)
- Title Locale: en\_US
- Suggested Values:
  - Title Text
  - Title Locale

Buttons: Cancel, Add Field

Background page details:

- URI: `cpe:/a:adobe:acrobat:10.1.1`
- Created: 10/30/2011
- Buttons: Previous CPE, Next CPE, Add Metadata, Close
- Buttons: Submit for Review, Delete this Request
- Buttons: Copy to Clipboard
- NVD ID: 154114

# Submission Interface Demo – Remove CPE From Request

File Admin View Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

**CPER-2011-9 - New** Submit for Review Delete this Request

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

Authority: CPESubmitter Role, NIST, Computer Security Division

Description: Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request Comments Impact

[Edit URI](#) [Edit Metadata](#) [Paste from CPE Clipboard](#) [Remove](#) [Deprecate](#) [Make a Copy](#)

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1	154115

**Confirm**

Remove cpe:/a:adobe:acrobat:10.1.1 from this request?

[cpe:/a:adobe:acrobat:10.1.1](#) CPE URI Copy to Clipboard

Created 10/30/2011 Modified 10/30/2011 Status: Unofficial (Provisional) NVD ID 154114

**CPE Detail** Metadata Usage

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# Submission Interface Demo – Make a Copy

File Admin View Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

**CPER-2011-9 - New** Submit for Review Delete this Request

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

Authority: CPESubmitter Role, NIST, Computer Security Division

Description: Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request Comments Impact

Edit URI Edit Metadata Paste from CPE Clipboard Remove Deprecate **Make a Copy**

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1	154115

**Confirm**

Make a Provisional copy of  
cpe:/a:adobe:acrobat:10.1.1?

OK Cancel

**cpe:/a:adobe:acrobat:10.1.1** CPE URI Copy to Clipboard

Created: 10/30/2011 Modified: 10/30/2011 Status: Unofficial (Provisional) NVD ID: 154114

CPE Detail Metadata Usage

# Submission Interface Demo – Name Preview – On Double-Click

File Admin View Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

**CPER-2011-9 - New** Submit for Review Delete this Request

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

Author: CPESubmitter Role, NIST, Computer Security Division

Description: Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request Comments Impact

[Edit URI](#) [Edit Metadata](#) [Paste from CPE Clipboard](#) [Remove](#) [Deprecate](#) [Make a Copy](#)

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154115

Confirm x

[Edit CPE URI](#) [Edit CPE Metadata](#) [Cancel](#)

**cpe:/a:adobe:acrobat:10.1.1** CPE URI Copy to Clipboard

Created 10/30/2011 Modified 10/30/2011 Status Unofficial (Provisional) NVD ID 154114

**CPE Detail** Metadata Usage


# Submission Interface Demo – Name Preview – Submit for Review

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

## CPER-2011-9 - New

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

[Submit for Review](#) [Delete this Request](#)

**Authority:** CPESubmitter Role, NIST, Computer Security Division

**Description:** Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request [Comments](#) [Impact](#)

[Edit URI](#) [Edit Metadata](#) [Paste from CPE Clipboard](#) [Remove](#) [Deprecate](#) [Make a Copy](#)

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1	154115

### [cpe:/a:adobe:acrobat:10.1.1](#)

CPE URI [Copy to Clipboard](#)

Created 10/30/2011

Modified 10/30/2011

Status Unofficial (Provisional)

NVD ID 154114

[Metadata](#) [Usage](#)

CPE Detail

Metadata	Usage



# Submission Interface Demo – Submit CPE for Review

File Admin View Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

**CPER-2011-9 - New** Submit for Review Delete this Request

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

Authority: CPESubmitter Role, NIST, Computer Security Division

Description: Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request Comments Impact

[Edit URI](#) [Edit Metadata](#) [Paste from CPE Clipboard](#) [Remove](#) [Deprecate](#) [Make a Copy](#)

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1	154115

**Confirm**

Submit CPE for review?

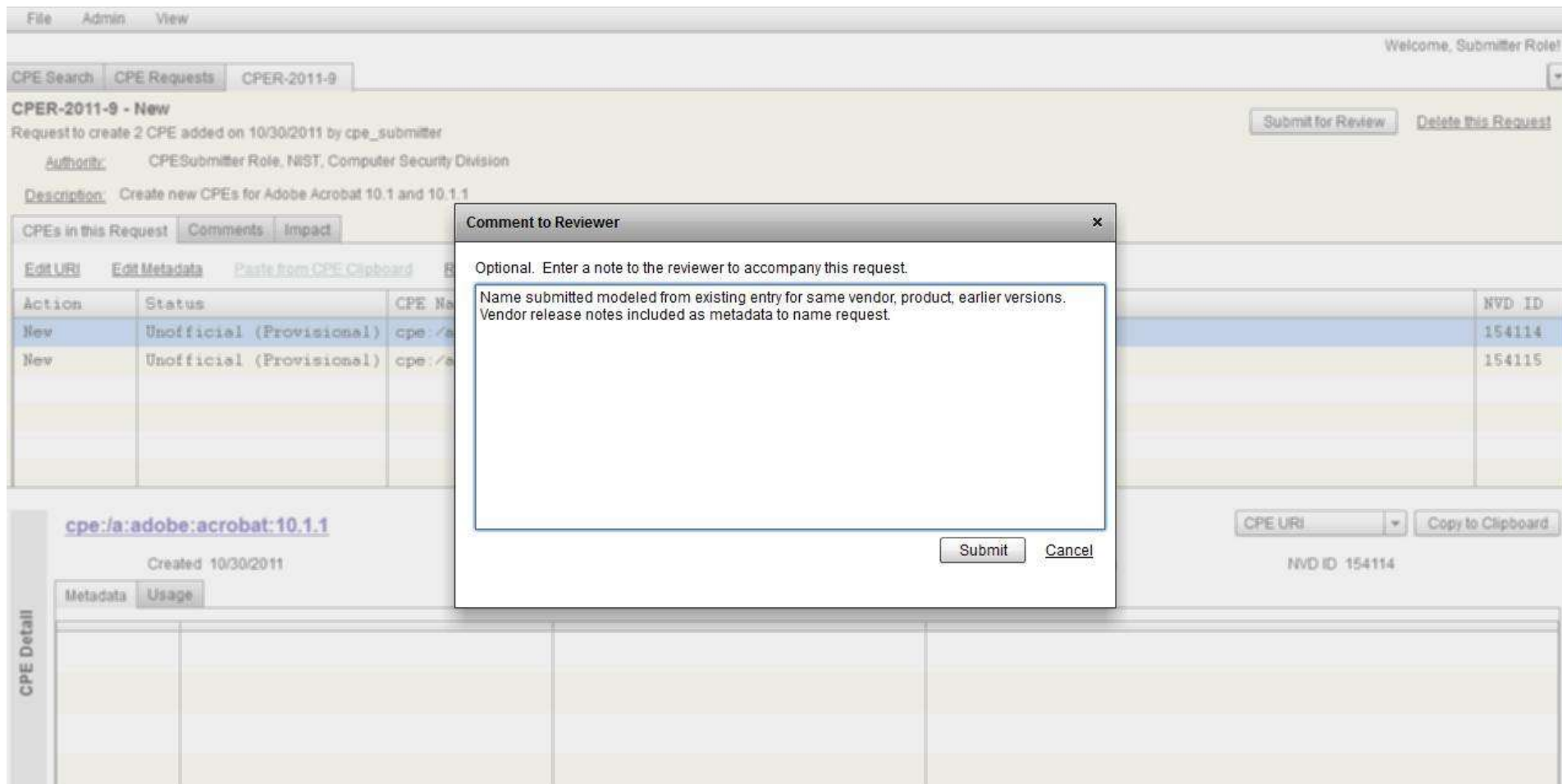
[cpe:/a:adobe:acrobat:10.1.1](#) CPE URI Copy to Clipboard

Created: 10/30/2011 Modified: 10/30/2011 Status: Unofficial (Provisional) NVD ID: 154114

**CPE Detail**

Metadata	Usage

# Submission Interface Demo – Comment to Reviewer (Optional)



The screenshot shows the SCAP submission interface. At the top, there are tabs for 'CPE Search', 'CPE Requests', and 'CPE-2011-9'. The main content area displays a request titled 'CPE-2011-9 - New' with a description: 'Request to create 2 CPE added on 10/30/2011 by cpe\_submitter'. The author is 'CPESubmitter Role, NIST, Computer Security Division' and the description is 'Create new CPEs for Adobe Acrobat 10.1 and 10.1.1'. There are buttons for 'Submit for Review' and 'Delete this Request'.

A 'Comment to Reviewer' dialog box is open in the center. It contains the following text:

Optional. Enter a note to the reviewer to accompany this request.

Name submitted modeled from existing entry for same vendor, product, earlier versions.  
Vendor release notes included as metadata to name request.

At the bottom of the dialog are 'Submit' and 'Cancel' buttons.

In the background, a table lists CPEs in this request:

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154115

Below the table, the details for 'cpe:/a:adobe:acrobat:10.1.1' are shown, including the creation date 'Created 10/30/2011' and a 'CPE Detail' section with 'Metadata' and 'Usage' tabs.

# Submission Interface Demo – Submitted Request Confirmation

File Admin View Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

**CPER-2011-9 - Review**  
 Request to create 2 CPE added on 10/30/2011 by cpe\_submitter  
 Authority: CPESubmitter Role, NIST, Computer Security Division  
 Description: Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request Comments Impact

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1	154115

**Confirm**

Request submitted.

OK

[cpe:/a:adobe:acrobat:10.1.1](#) CPE URI Copy to Clipboard

Created 10/30/2011 Modified 10/30/2011 Status Unofficial (Provisional) NVD ID 154114

Metadata Usage

CPE Detail

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# Submission Interface Demo – Submitted Name Restricted

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

## CPER-2011-9 - Review

Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

Authority: CPESubmitter Role, NIST, Computer Security Division

Description: Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

CPEs in this Request Comments Impact

Action	Status	CPE Name	NVD ID
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1.1	154114
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.1	154115

[cpe:/a:adobe:acrobat:10.1.1](#)

CPE URI

Copy to Clipboard

Created 10/30/2011

Modified 10/30/2011

Status Unofficial (Provisional)

NVD ID 154114

Metadata Usage

CPE Detail


# Submission Interface Demo – Requests Tab

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests

CPE Requests

Showing Requests In Review Refresh

**CPER-2011-9 - Review**  
 Request to create 2 CPE added on 10/30/2011 by cpe\_submitter  
 Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

[cpe:/a:adobe:acrobat:10.1.1](#) CPE URI Copy to Clipboard

Created 10/30/2011 Modified 10/30/2011 Status Unofficial (Provisional) NVD ID 154114

Metadata Usage

Metadata	Usage

# Submission Interface Demo – Requests Tab (Dialog Drop-Down)

File Admin View Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-9

CPE Requests

Showing Requests In Review Refresh

- New/Rejected Requests
- Requests In Review
- Completed Requests

CPER- Requests

Create new CPEs for Adobe Acrobat 10.1 and 10.1.1

[cpe:/a:adobe:acrobat:10.1.1](#) CPE URI Copy to Clipboard

Created 10/30/2011 Modified 10/30/2011 Status Unofficial (Provisional) NVD ID 154114

Metadata	Usage

# Submission Interface Demo – Request to Modify Selected CPE

File Admin View

- New Request to Create CPE
- New Request to Modify Selected CPE
- Import CPE Requests from File

acrobat

KEYWORD=acrobat

Welcome, Submitter Role!

Advanced Options...

[Copy to CPE Clipboard](#)

Status	P	Vendor	Product	Version	Update	Ed. (Le	SW Ed	TSW	THW	Lang	Other
Official (Draft)	a	adobe	acrobat	10.0.3							
Official (Draft)	a	adobe	acrobat_reader	10.0.3							
Official (Draft)	a	adobe	acrobat_reader	9.4.4							
Official (Draft)	a	adobe	acrobat	9.4.4							

Showing 141 - 144 of 144    Go to Page 1 2 3 4 5 6 7 8    Results per Page 20    Show URI & Title...

[cpe:/a:adobe:acrobat:10.0.3](#)    CPE URI   

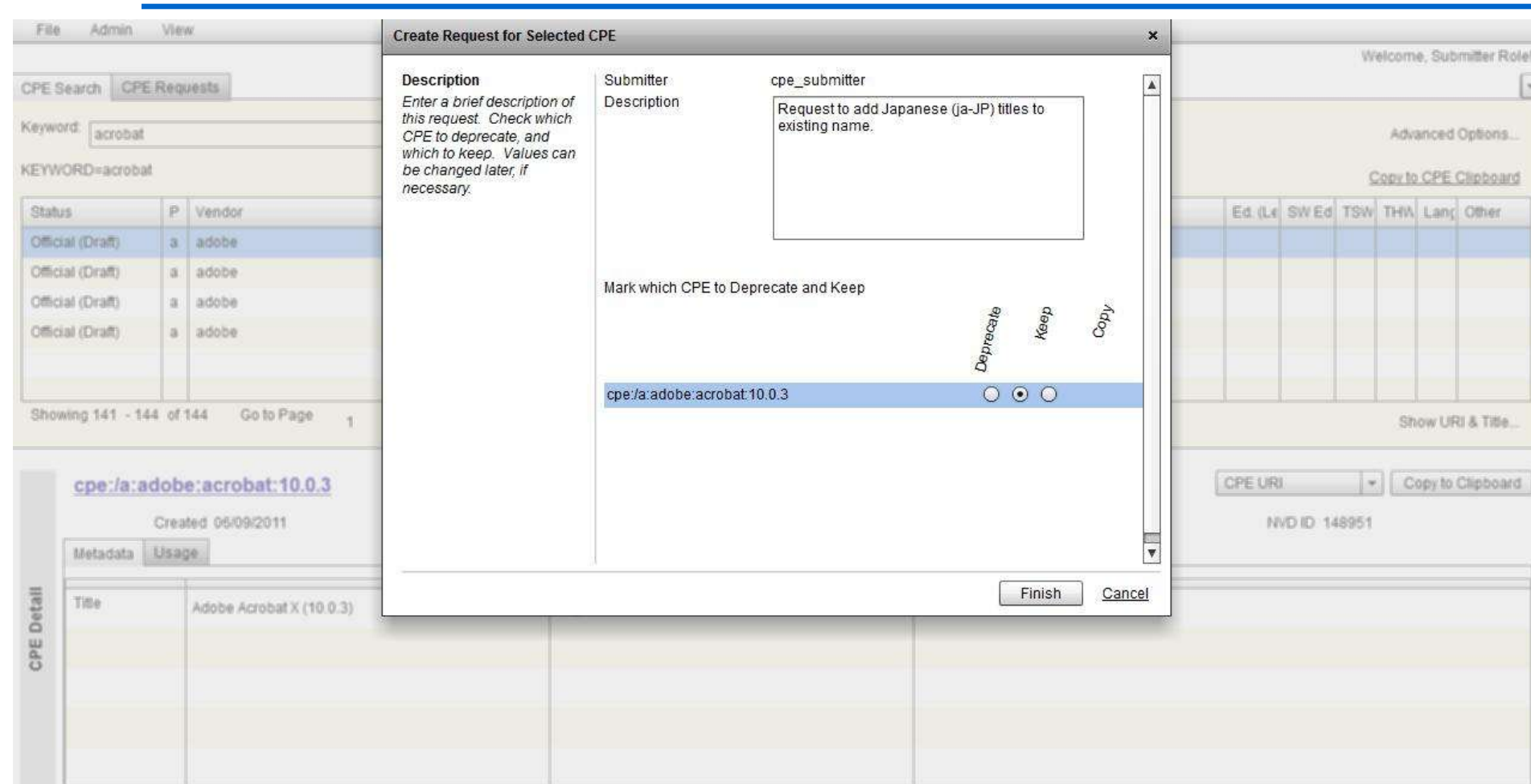
Created 06/09/2011    Modified 06/30/2011    Status Official (Draft)    NVD ID 148951

Metadata Usage

Title	Usage
Adobe Acrobat X (10.0.3)	en_US

CPE Detail

# Submission Interface Demo – Request to Modify (Description)



**Create Request for Selected CPE**

**Description**  
*Enter a brief description of this request. Check which CPE to deprecate, and which to keep. Values can be changed later, if necessary.*

Submitter: cpe\_submitter  
 Description: Request to add Japanese (ja-JP) titles to existing name.

Mark which CPE to Deprecate and Keep

Deprecate  Keep  Copy

cpe:/a:adobe:acrobat:10.0.3

Finish Cancel

**Background Interface:**

File Admin View

CPE Search CPE Requests

Keyword: acrobat  
 KEYWORD=acrobat

Status	P	Vendor
Official (Draft)	a	adobe
Official (Draft)	a	adobe
Official (Draft)	a	adobe
Official (Draft)	a	adobe

Showing 141 - 144 of 144 Go to Page 1

[cpe:/a:adobe:acrobat:10.0.3](#)  
 Created 06/09/2011

Metadata Usage

Title	Adobe Acrobat X (10.0.3)

Welcome, Submitter Role!

Advanced Options...

Copy to CPE Clipboard

Ed (L)	SW Ed	TSW	THA	Lang	Other

Show URI & Title...

CPE URI Copy to Clipboard

NVD ID 148951



# Submission Interface Demo – Request to Modify (Copy Confirm)

**CPER-2011-13 - New** [Submit for Review](#) [Delete this Request](#)

Request to create 1 CPE added on 10/30/2011 by cpe\_submitter

**Authority:** CPESubmitter Role, NIST, Computer Security Division

**Description:** Request to add Japanese (ja-JP) titles to existing name.

CPEs in this Request [Comments](#) [Impact](#)

[Edit URI](#) [Edit Metadata](#) [Paste from CPE Clipboard](#) [Remove](#) [Deprecate](#) [Make a Copy](#)

Action	Status	CPE Name	NVD ID
Keep	Official (Draft)	cpe:/a:adobe:acrobat:10.0.3	148951

**Confirm**

You must make a provisional copy of this CPE to edit it. Make a copy now?

---

[cpe:/a:adobe:acrobat:10.0.3](#)

Created 06/09/2011      Modified 06/30/2011      Status: Official (Draft)      NVD ID 148951

**CPE Detail**

[Metadata](#) [Usage](#)

Title	Language
Adobe Acrobat X (10.0.3)	en_US

# Submission Interface Demo – Request to Modify (Provisional)

Request to create 1 CPE added on 10/30/2011 by cpe\_submitter

**Authority:** CPEsubmitter Role, NIST, Computer Security Division

**Description:** Request to add Japanese (ja-JP) titles to existing name.

CPEs in this Request **Comments** Impact

[Edit URI](#) [Edit Metadata](#) [Paste from CPE Clipboard](#) [Remove](#) [Deprecate](#) [Make a Copy](#)

Action	Status	CPE Name	NVD ID
Keep	Official (Draft)	cpe:/a:adobe:acrobat:10.0.3	148951

**Confirm**

Make a Provisional copy of  
cpe:/a:adobe:acrobat:10.0.3?

---

[cpe:/a:adobe:acrobat:10.0.3](#)

Created 06/09/2011      Modified 06/30/2011      Status: Official (Draft)      NVD ID 148951

**CPE Detail**

Metadata **Usage**

Title	en_US
Adobe Acrobat X (10.0.3)	en_US

# Submission Interface Demo – Request to Modify (Metadata Copy)

Request cannot contain a duplicate CPE URI, unless one is being deprecated by a provisional CPE

CPER-2011-13 - New  
Request to create 2 CPE added on 10/30/2011 by cpe\_submitter

Authority: CPESubmitter Role, NIST, Computer Security Division

Description: Request to add Japanese (ja-JP) titles to existing name

Submit for Review | Delete this Request

**Copy Metadata from Official CPE**

cpe:/a:adobe:acrobat:10.0.3

The official version of this CPE has additional metadata. Select the metadata you want to keep, if any, and click Save.

Title

Save | Cancel

Action	Status	CPE Name	NVD ID
Keep	Official (Draft)	cpe:/a:adobe:acrobat:10.0.3	148951
New	Unofficial (Provisional)	cpe:/a:adobe:acrobat:10.0.3	154118

**cpe:/a:adobe:acrobat:10.0.3**

Created 06/09/2011 | Modified 06/30/2011 | Status: Official (Draft) | NVD ID: 148951

Metadata | Usage

Title	Language
Adobe Acrobat X (10.0.3)	en_US

# Submission Interface Demo – Request to Modify (View Title)

CPE Search | CPE Requests | CPER-2011-13

**CPER-2011-13 - New**  
 Request to create 2 CPE added on 10/30/2011 by c...  
 Author: CPESubmitter Role, NIST, Com...  
 Description: Request to add Japanese (ja-JP) M...

CPES in this Request | Comments | Impact

Edit URI | Edit Metadata | Paste from CPE...

Action	Status	CPE Name
Keep	Official (Draft)	cpe:/a...
New	Unofficial (Proposed)	cpe:/a...

**Metadata for cpe:/a:adobe:acrobat:10.0.3**

Metadata Type: Title  
 Human-readable title of the name.

Title Text	Title Locale
Adobe Acrobat X (10.0.3)	en_US

Previous CPE | Next CPE | Add Metadata | Close

unless one is being deprecated by a provisional CPE

Submit for Review | Delete this Request

	NVD ID
	148951
	154118

CPE URI: Copy to Clipboard

NVD ID 148951

**CPE Detail**  
 cpe:/a:adobe:acrobat:10.0.3  
 Created 09/09/2011

Metadata | Usage

Title		
Adobe Acrobat X (10.0.3)	en_US	

# Submission Interface Demo – Request to Modify (Add Title)

The screenshot displays the SCAP submission interface. In the foreground, a 'Metadata for cpe:/a:adobe:acrobat:10.0.3' dialog box is open. It shows the 'Metadata Type' set to 'Title' and a description: 'Human-readable title of the name.' Below this, there are input fields for 'Title Text' and 'Title Locale'. The 'Title Text' field contains the Japanese text 'アドビシステムズ アクロバット (10.0.3)' and the 'Title Locale' field contains 'ja\_JP'. An 'Add New Field' dialog is also open, showing a list of 'Suggested Values' for the 'Title Text' field, including 'Adobe Acrobat', 'アドビシステムズ アクロバット', 'Adobe Acrobat 3.0', 'アドビシステムズ アクロバット 3.0', 'Adobe Acrobat 3.1', and 'アドビシステムズ アクロバット 3.1'. The background shows a table of CPE entries with columns for 'Action', 'Status', and 'CPE Name'. The 'CPE Name' column contains 'cpe:/a:adobe:acrobat:10.0.3'. The 'Status' column contains 'Unofficial (Pr: cpe:/a:'. The 'Action' column contains 'New'. The 'CPE Detail' section shows the 'Title' field with the value 'Adobe Acrobat X (10.0.3)' and another 'Title' field with the value 'アドビシステムズ アクロバット'.

# Submission Interface Demo – Request to Modify (Title Review)

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-13

**CPER-2011-13 - New**  
Request to create 1 CPE added on 10/30/2011 by cpe:/a:adobe:acrobat:10.0.3

Authority: CPESubmitter Role, NIST, Con  
Description: Request to add Japanese (ja-JP) tit

CPEs in this Request Comments Impact

Edit URI Edit Metadata Paste from CPE C

Action	Status	CPE Name
New	Unofficial (Pr	cpe:/a

[cpe:/a:adobe:acrobat:10.0.3](#)

Created

Metadata Usage

Metadata	Usage
Title	Adobe Acrobat X (10.0.3)
Title	アドビシステムズ アクロバット

**Metadata for cpe:/a:adobe:acrobat:10.0.3**

Metadata Type: Title

Human-readable title of the name.

Title Text	Title Locale
Adobe Acrobat X (10.0.3)	en_US
アドビシステムズ アクロバット (10.0.3)	ja_JP

Previous CPE Next CPE Add Metadata Close

Submit for Review Delete this Request

	NVD ID
	154118

CPE URI Copy to Clipboard

NVD ID: 154118

# Submission Interface Demo – Request to Modify (Title Review)

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-13

## CPER-2011-13 - New

Request to create 1 CPE added on 10/30/2011 by cpe\_submitter

[Submit for Review](#) [Delete this Request](#)

**Authority:** CPESubmitter Role, NIST, Computer Security Division

**Description:** Request to add Japanese (ja-JP) titles to existing name.

CPEs in this Request [Comments](#) [Impact](#)

[Edit URI](#) [Edit Metadata](#) [Paste from CPE Clipboard](#) [Remove](#) [Deprecate](#) [Make a Copy](#)

Action	Status	CPE Name	NVD ID
New	Unofficial (Pr	cpe://a:adobe:acrobat:10.0.3	154118

[cpe://a:adobe:acrobat:10.0.3](#)

CPE URI [Copy to Clipboard](#)

Created 10/30/2011

Modified 10/30/2011

Status Unofficial (Provisional)

NVD ID 154118

Metadata [Usage](#)

CPE Detail

Title	Language
Adobe Acrobat X (10.0.3)	en_US
アドビシステムズ アクロバット(10.0.3)	ja_JP

# Submission Interface Demo – Request to Modify (Final Confirm)

The screenshot shows a web application interface for managing CPE (Common Platform Enumeration) entries. A 'Confirm' dialog box is open, asking for confirmation to modify an existing CPE entry. The dialog contains a table with the following data:

Status	CPE Name	NVD ID
Official (Draft)	cpe:/a:adobe:acrobat:10.0.3	148951

Below the table, there are 'Continue' and 'Cancel' buttons. The background interface shows a 'CPE Search' section with a 'CPE Requests' tab selected. The main content area displays a 'Request to create 1 CPE added on 10/30/2011 by cpe\_s...' with a description: 'Request to add Japanese (ja-JP) titles to...'. A table below the description shows the CPE entry details:

Action	Status	CPE Name
New	Unofficial (Pr	cpe:/a:ado

At the bottom of the page, there is a 'CPE Detail' section for the entry 'cpe:/a:adobe:acrobat:10.0.3', showing its title as 'Adobe Acrobat X (10.0.3)' and a Japanese title 'アドビシステムズ アクロバット(10...'.



# Submission Interface Demo – Request to Modify (Final Comment)

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests CPER-2011-13

**CPER-2011-13 - New**

Request to create 1 CPE added on 10/30/2011 by cpe\_submitter

**Authority:** CPESubmitter Role, NIST, Computer Security Division

**Description:** Request to add Japanese (ja-JP) titles to existing name.

Submit for Review Delete this Request

CPEs in this Request Comments Impact

Edit URI Edit Metadata Paste from CPE Clipboard

Action	Status	CPE Name	NVD ID
New	Unofficial (Pr	cpe:/a:adobe:acro	154118

[cpe:/a:adobe:acrobat:10.0.3](#)

Created 10/30/2011

Metadata Usage

Title	Usage
Adobe Acrobat X (10.0.3)	
アドビシステムズ アcroバット(10.0.3)	ja_JP

**Comment to Reviewer** x

Optional. Enter a note to the reviewer to accompany this request.

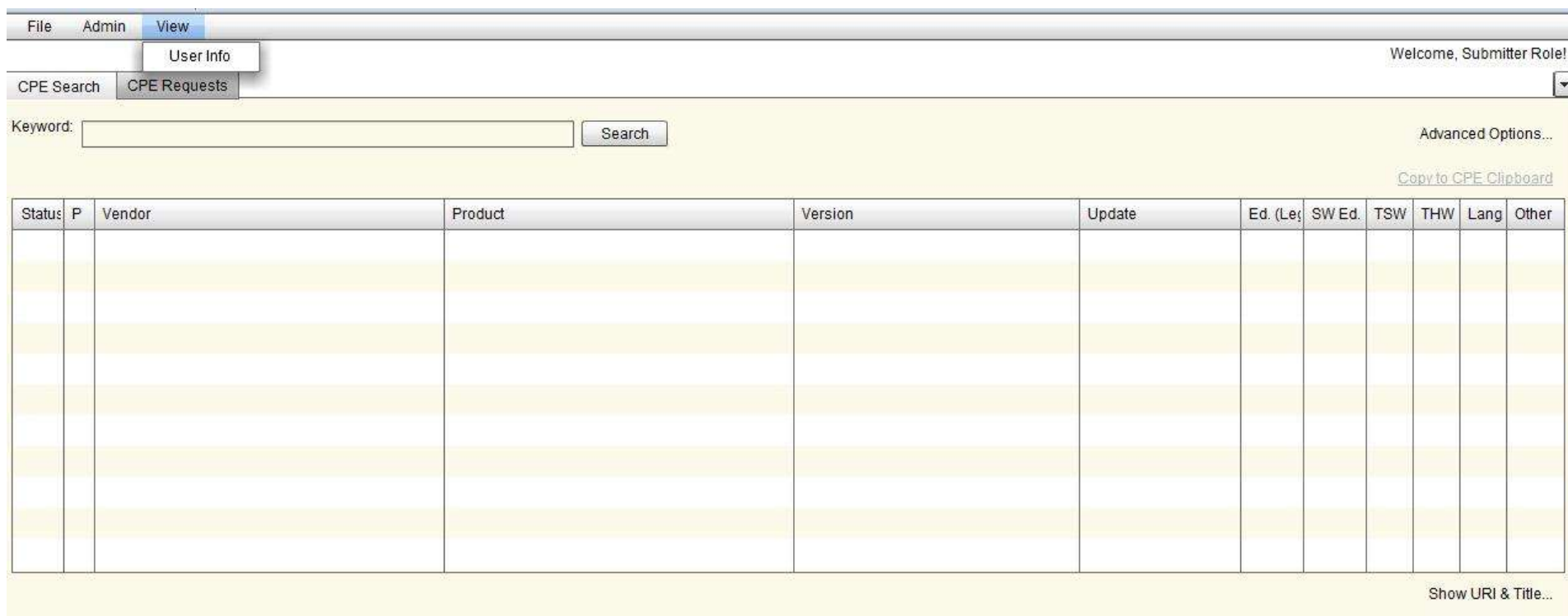
Adding Japanese title to existing name.

Submit Cancel

CPE URI Copy to Clipboard

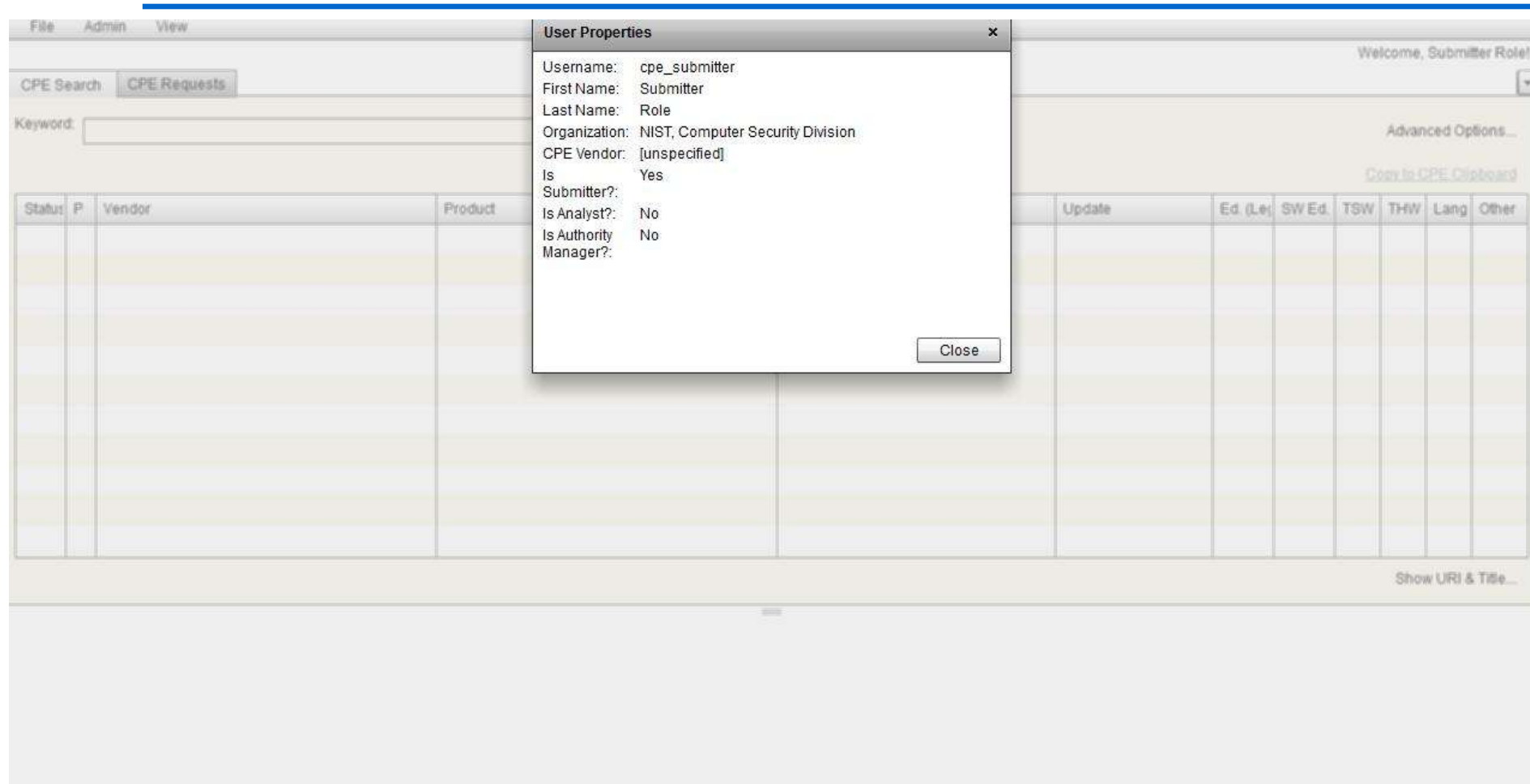
NVD ID 154118

# Submission Interface Demo – Miscellaneous Functionality



The screenshot displays the SCAP Submission Interface. At the top, there is a navigation menu with 'File', 'Admin', and 'View' tabs. Below this, there are buttons for 'User Info', 'CPE Search', and 'CPE Requests'. A 'Keyword:' search box with a 'Search' button is present. On the right side, there are links for 'Welcome, Submitter Role!', 'Advanced Options...', and 'Copy to CPE Clipboard'. The main area contains a table with the following columns: Status, P, Vendor, Product, Version, Update, Ed. (Le), SW Ed., TSW, THW, Lang, and Other. The table is currently empty. At the bottom right of the interface, there is a link for 'Show URI & Title...'.

# Submission Interface Demo – Miscellaneous Functionality



The screenshot shows the SCAP Submission Interface. A 'User Properties' dialog box is open, displaying the following information:

- Username: cpe\_submitter
- First Name: Submitter
- Last Name: Role
- Organization: NIST, Computer Security Division
- CPE Vendor: [unspecified]
- Is Submitter?: Yes
- Is Analyst?: No
- Is Authority Manager?: No

The background interface includes a 'File Admin View' menu, 'CPE Search' and 'CPE Requests' buttons, a 'Keyword:' input field, and a table with columns for 'Status', 'P', 'Vendor', and 'Product'. On the right side, there is a 'Welcome, Submitter Role!' message, 'Advanced Options...' link, 'Copy to CPE Clipboard' link, and a table with columns for 'Update', 'Ed. (Le)', 'SW Ed.', 'TSW', 'THW', 'Lang', and 'Other'. A 'Show URI & Title...' link is located at the bottom right of the interface.

# Steps towards improvement

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- Process adoption by the CPE community
  - External name submission via web interface
  - Planned development activities to support automated name contribution
  - Continue import of NVD vulnerability product data
- Industry collaboration
- Vendor adoption

# Resources

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- National Vulnerability Database: <http://nvd.nist.gov>
- CPE 2.2 Dictionary: <http://nvd.nist.gov/cpe.cfm>
- Archived CPE 2.2 Dictionaries:  
<http://static.nvd.nist.gov/feeds/xml/cpe/dictionary>
- CPE 2.2 Dictionary Statistics: <http://nvd.nist.gov/cpe-stats.cfm>
- CPE 2.2 Dictionary Search Engine:  
<http://web.nvd.nist.gov/view/cpe/search>
- General CPE Information from MITRE:  
<http://cpe.mitre.org/index.html>

# Specifications

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- CPE Specification 2.2:  
<http://cpe.mitre.org/specification/index.html>
- CPE Naming Specification Version 2.3 – NISTIR 7695:  
<http://csrc.nist.gov/publications/nistir/ir7695/NISTIR-7695-CPE-Naming.pdf>
- CPE Matching Specification Version 2.3 – NISTIR 7696:  
<http://csrc.nist.gov/publications/nistir/ir7696/NISTIR-7696-CPE-Matching.pdf>
- CPE Dictionary Specification Version 2.3 – NISTIR 7697:  
<http://csrc.nist.gov/publications/nistir/ir7697/NISTIR-7697-CPE-Dictionary.pdf>
- CPE Language Specification Version 2.3 – NISTIR 7698:  
<http://csrc.nist.gov/publications/nistir/ir7698/NISTIR-7698-CPE-Language.pdf>

# Questions & Answers / Feedback

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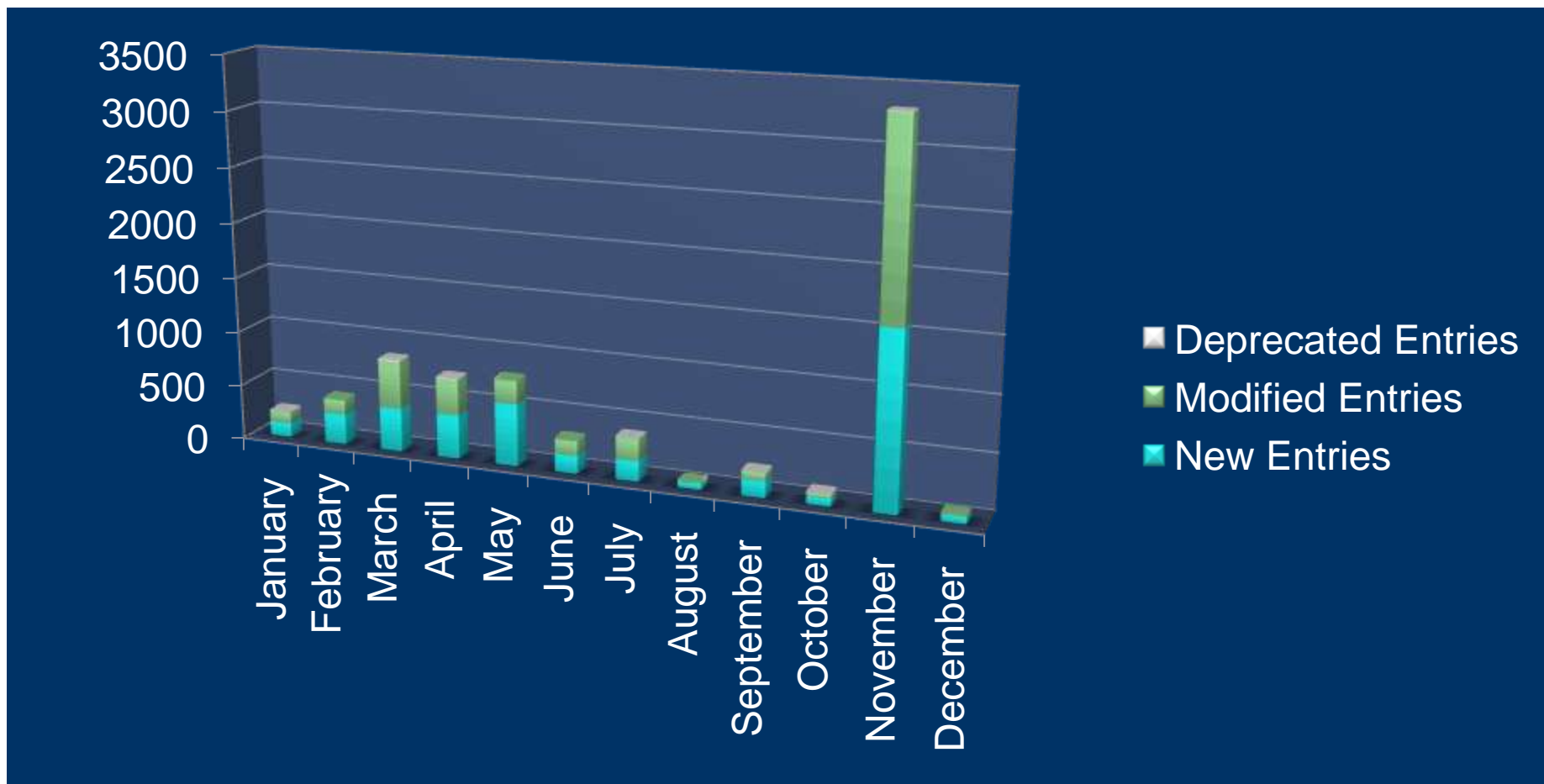
Christopher McCormick  
Senior Consultant  
Booz Allen Hamilton  
Supporting National Institute of  
Standards and Technology (NIST)  
[christopher.mccormick@nist.gov](mailto:christopher.mccormick@nist.gov)  
[mccormick\\_christopher@bah.com](mailto:mccormick_christopher@bah.com)  
(301) 975 – 4060  
Exhibit Booth #104

# Backup Slides

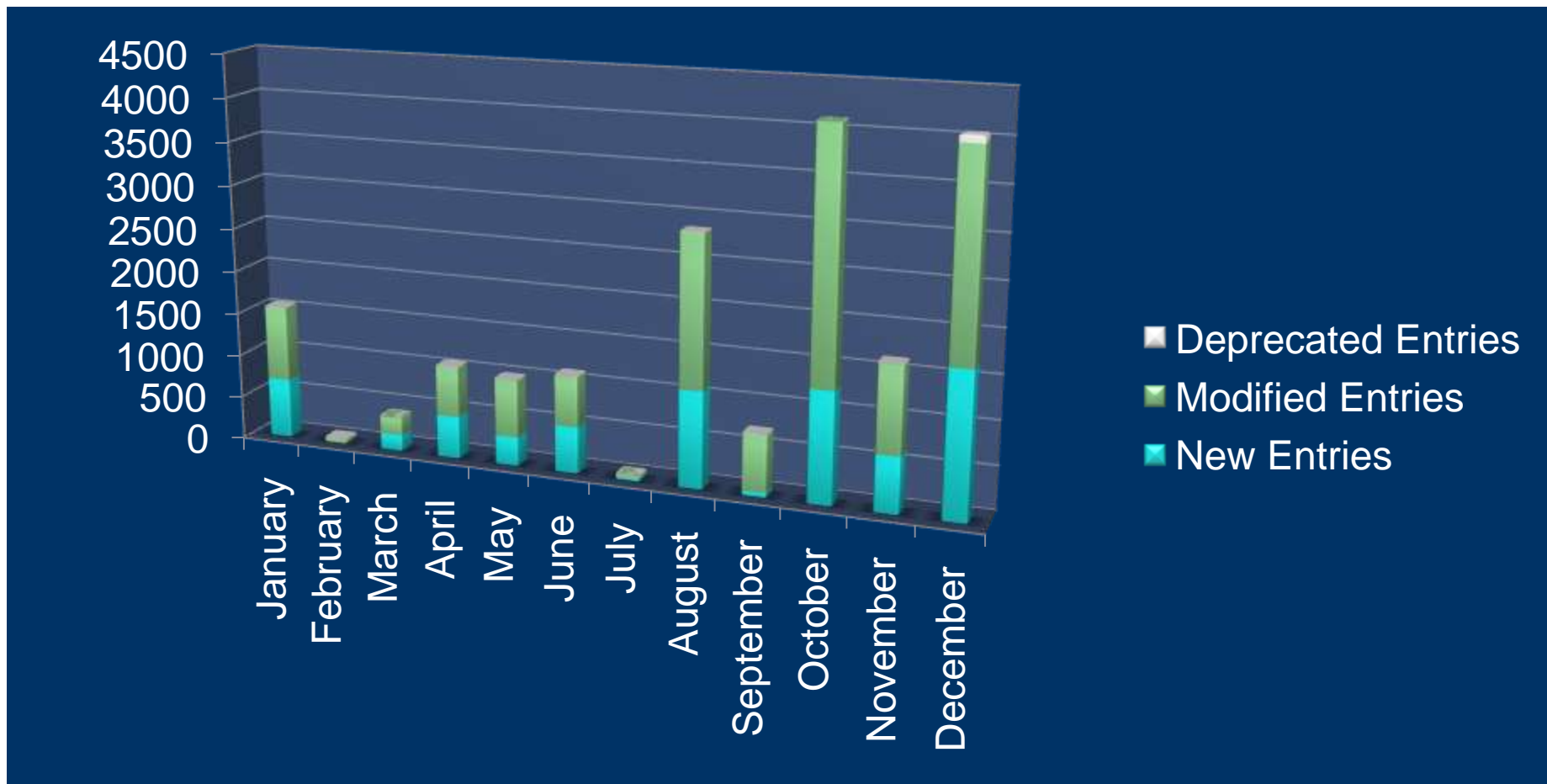
---



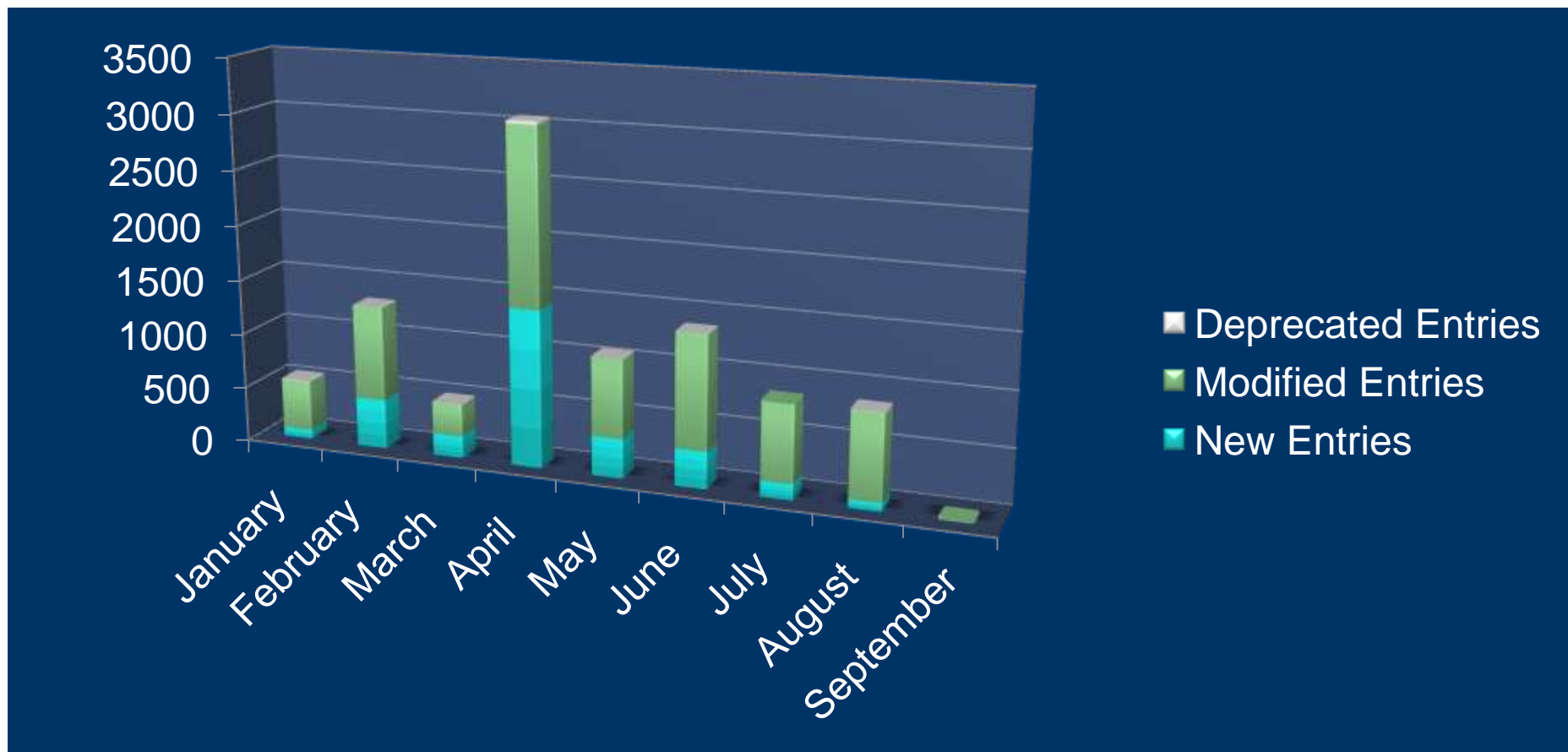
# 2009 CPE Dictionary Growth Statistics



# 2010 CPE Dictionary Growth Statistics



# 2011 CPE Dictionary Growth Statistics



# Submission Interface Demo – Format Dropdown Menu for Copy

File Admin View

Welcome, Submitter Role!

CPE Search CPE Requests

Keyword:  Search

KEYWORD=acrobat

Advanced Options... Copy to CPE Clipboard

Status	P	Vendor	Product	Version	Update	Ed. (Le)	SW Ed.	TSW	THW	Lang	Other
Official	a	adobe	acrobat	10.0.3							
Official	a	adobe	acrobat_reader	10.0.3							
Official	a	adobe	acrobat_reader	9.4.4							
Official	a	adobe	acrobat	9.4.4							

Showing 141 - 144 of 144 Go to Page 1 2 3 4 5 6 7 8 Results per Page 20 Show URI & Title...

[cpe/a:adobe:acrobat:10.0.3](#)

Created 06/09/2011 Modified 06/30/2011 Status Official (Draft)

Copy to Clipboard

Metadata Usage

Title	Usage	Language
Adobe Acrobat X (10.0.3)		en_US

CPE URI dropdown menu:

- CPE URI
- CPE WFN
- Comma-separated
- XML
- CPE Matching String