Overview: National Checklist Program



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Discussion Points

- An overview of NCP and how it has evolved into the a repository of SCAP expressed security configuration checklists.
- New NCP features designed to categorize and filter SCAP content.
- An overview of a new web-based and web-service based system to allow external parties to manage their checklists within NCP.





Summary.

The National Checklist Program (NCP) is the U.S. government repository of publicly available security checklists (or benchmarks) that provide detailed low level guidance on setting the security configuration of operating systems and applications. NCP is migrating its repository of checklists to conform to the Security Content Automation Protocol (SCAP). SCAP enables validated security tools to automatically perform configuration checking using SCAP expressed NCP checklists.





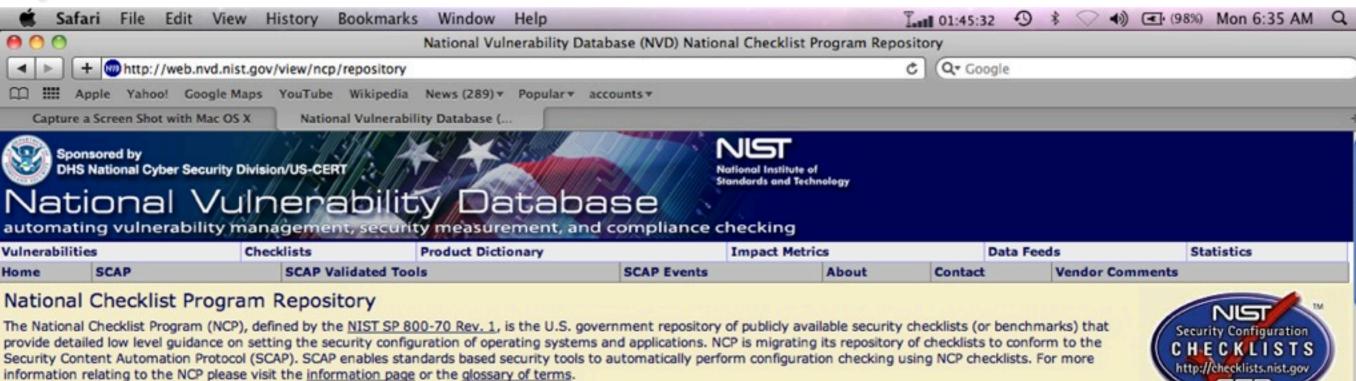
From SP800-70 Rev1:

"Federal agencies are required to use appropriate security configuration checklists from the NCP when available. In February 2008, revised Part 39 of the Federal Acquisition Regulation (FAR) was published. Paragraph (d) of section 39.101 states, "In acquiring information technology, agencies shall include the appropriate IT security policies and requirements, including use of common security configurations available from the NIST website at http://checklists.nist.gov. Agency contracting officers should consult with the requiring official to ensure the appropriate standards are incorporated.""

Reference: http://csrc.nist.gov/publications/nistpubs/800-70-rev1/sp800-70r1.pdf







Search for Checklist using the fields below. The keyword search will search across the name, and summary.



Checklist Results

Tier	Target Product	Product Category	Authority	Publication Date	Checklist Name (Version)	Resources		
IV	Microsoft Internet Explorer 7	Web Browser	ОМВ	06/19/2008	FDCC IE7 (1.2)	 SCAP Content - OVAL 5.3 SCAP Content - OVAL 5.4 GPOs Prose 		
IV	Microsoft Internet Explorer 8	Web Browser	NIST, Computer Security Division	09/24/2010	USGCB Internet Explorer 8 (1.0.x.0)	 SCAP Content - OVAL 5.3 SCAP Content - Oval 5.4 Prose - USGCB 1.0.x.0 Settings GPOs - USGCB Windows IE8 GPOs 		
	Microsoft Windows 7		NIST			 SCAP Content - x86 - Oval 5.3 SCAP Content - x64 - Oval 5.3 		

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• Tier I -- prose-based, such as narrative descriptions of how a person can manually alter a product's configuration.





• Tier II -- recommended security settings in a machine-readable but nonstandard format, such as a proprietary format or a product-specific configuration script. These checklists may include some elements of SCAP (for example, they may contain CCE identifiers), but do not meet the Tier III requirements.





• Tier III -- use the Security Content Automation Protocol (SCAP) to document their recommended security settings in machine-readable standardized SCAP formats that meet the definition of "SCAP Expressed" specified in NIST Special Publication 800-126. Tier III checklists can be processed by SCAP-validated tools, which are products that have been validated by an accredited independent testing laboratory as conforming to applicable SCAP specifications and requirements.

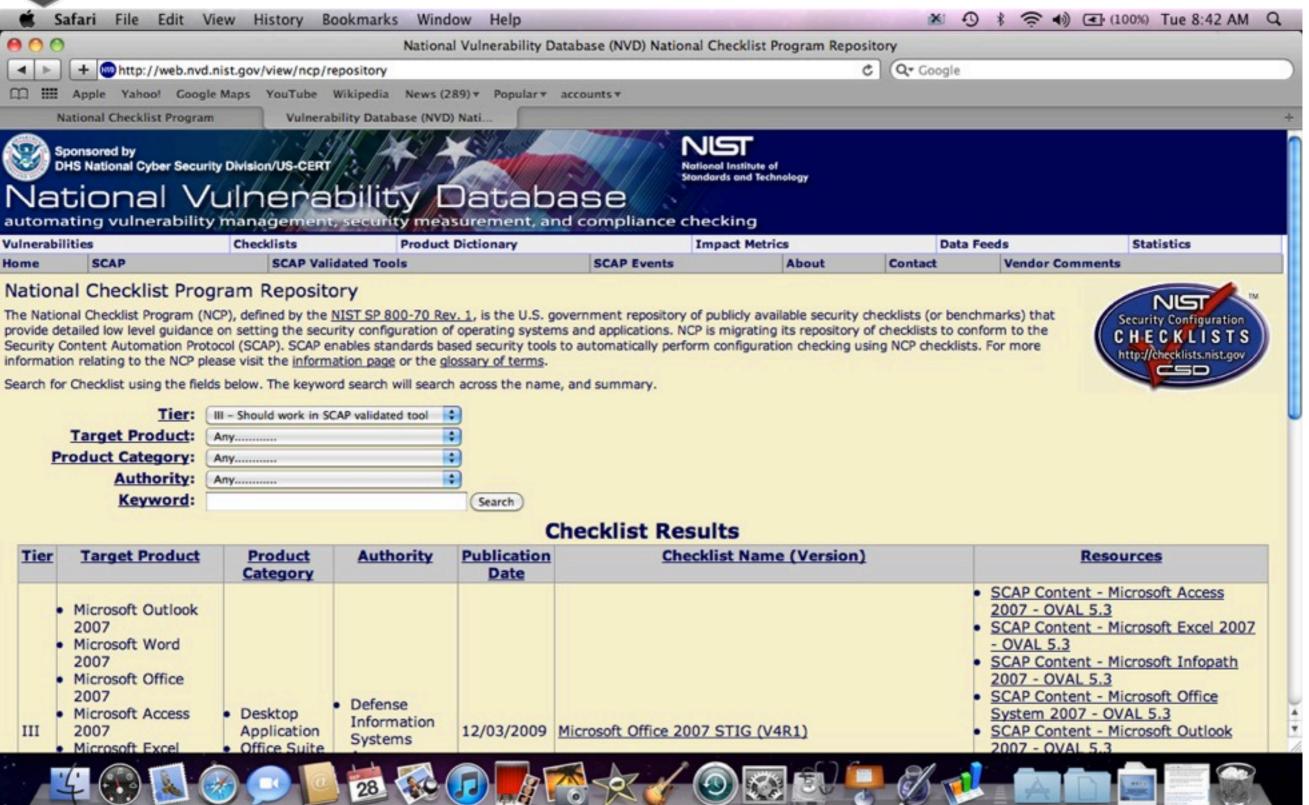




•Tier IV -- include all properties of Tier III checklists, AND are considered production-ready and validated by NIST or a NIST-recognized authoritative entity to ensure, to the maximum extent possible, interoperability with SCAP-validated products. Tier IV checklists also demonstrate the ability to map low-level security settings (for example, standardized identifiers for individual security configuration issues) to high-level security requirements as represented in various security frameworks (e.g., SP 800-53 controls for FISMA), and the mappings have been vetted with the appropriate authority.



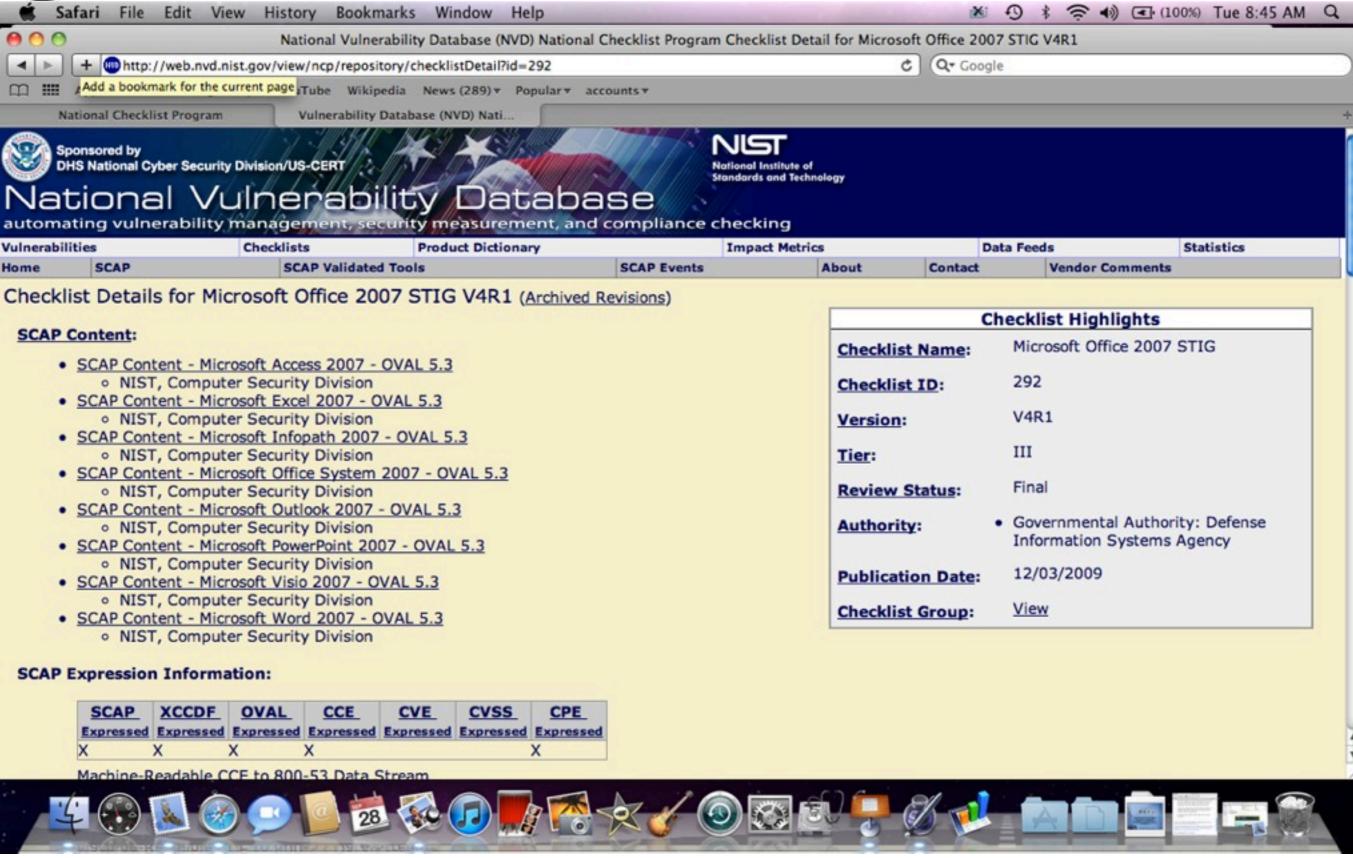




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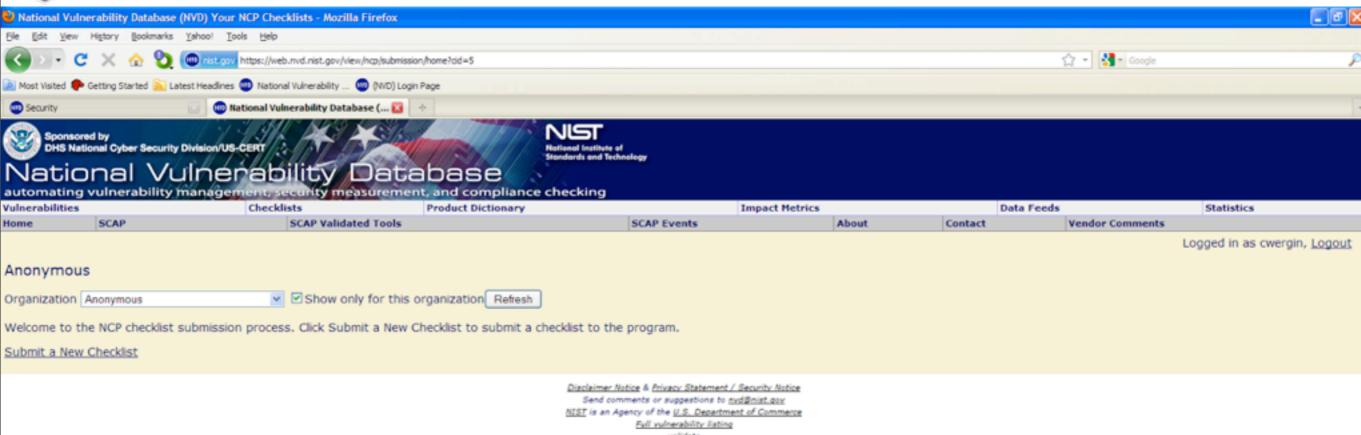


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- New Checklist
- Revise Checklist
- Deprecate Checklist







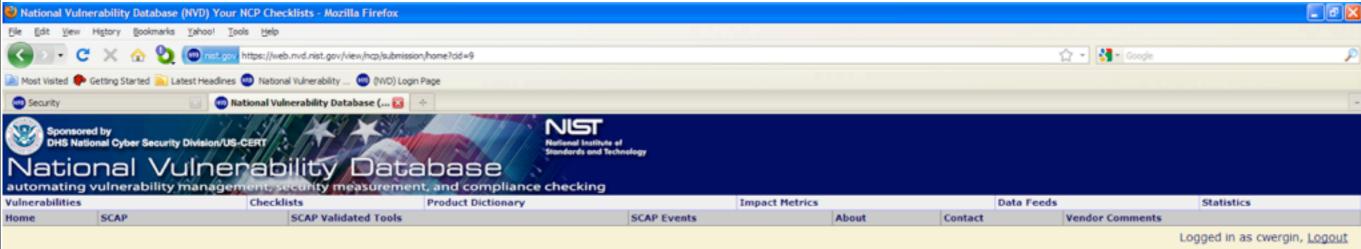
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OMB

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Welcome to the NCP checklist submission process. Click Submit a New Checklist to submit a checklist to the program.

Submit a New Checklist

The following checklists are presently in the NCP program. Click Revise to modify the checklist, or Deprecate to replace it with a new checklist.

Your Organization's NCP Checklists											
Checklist Name	Target Product	Publication Date	Last Modified	Review Status	Revise?	Deprecate?					
FDCC IE7, 1.2	Microsoft Internet Explorer 7	06/19/2008	08/20/2010	Final	Revise	Deprecate					
FDCC Windows Vista, 1.2	Microsoft Windows Vista	06/19/2008	08/20/2010	Final	Revise	Deprecate					
FDCC Windows Vista Firewall, 1.2	Microsoft Windows Vista	06/19/2008	10/01/2009	Final	Revise	Deprecate					
FDCC Windows XP, 1.2	Microsoft Windows XP Pro SP2 Microsoft Windows XP Pro SP3	06/19/2008	08/20/2010	Final	Revise	Deprecate					
FDCC Windows XP Firewall, 1.2	Microsoft Windows XP Pro SP2 Microsoft Windows XP Pro SP3	06/19/2008	10/01/2009	Final	Revise	Deprecate					

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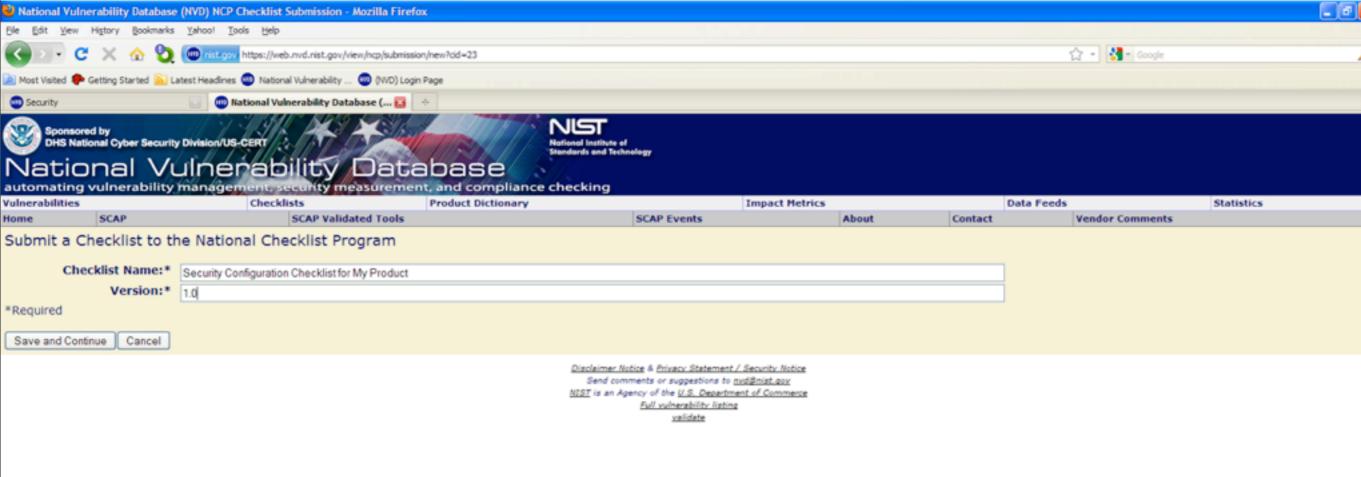
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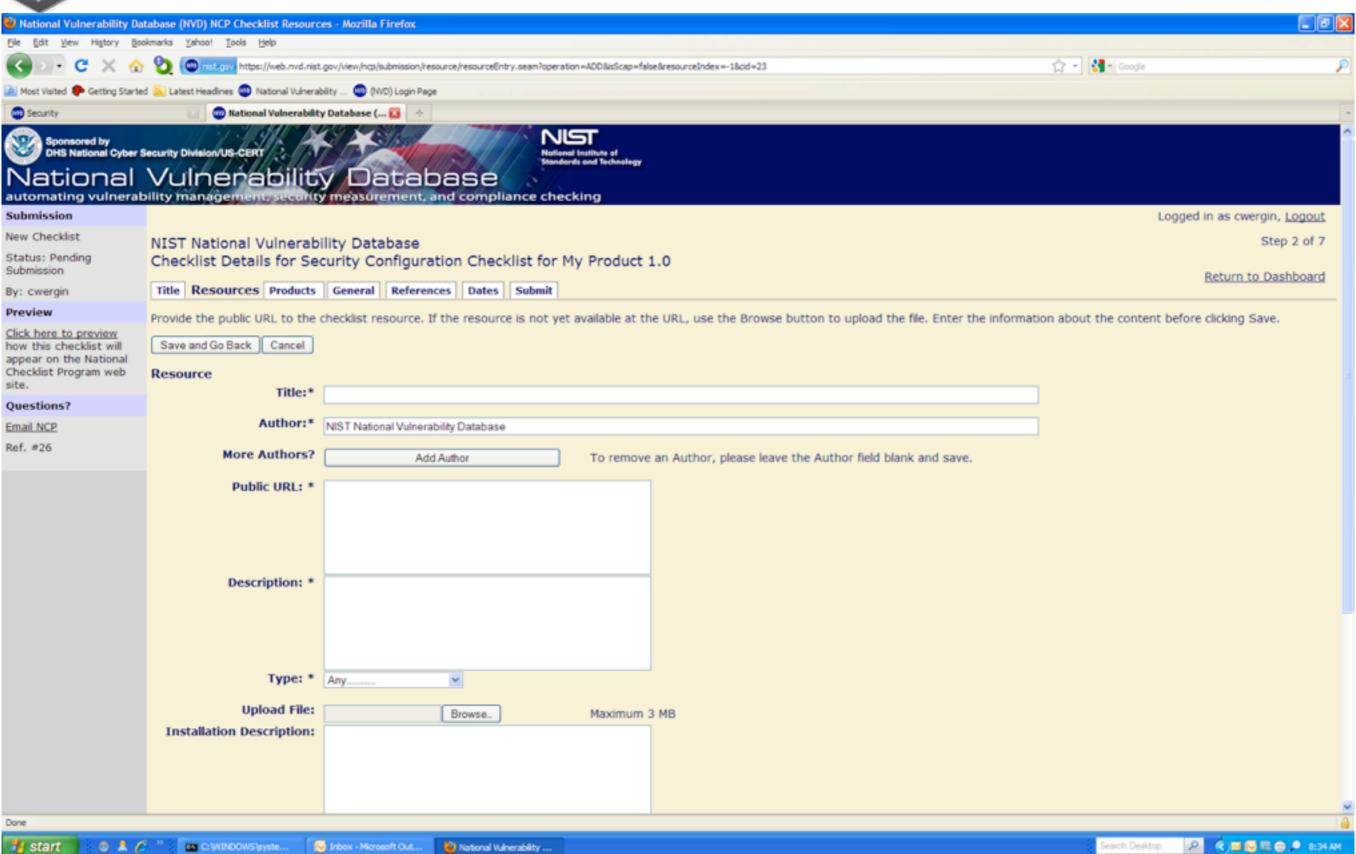




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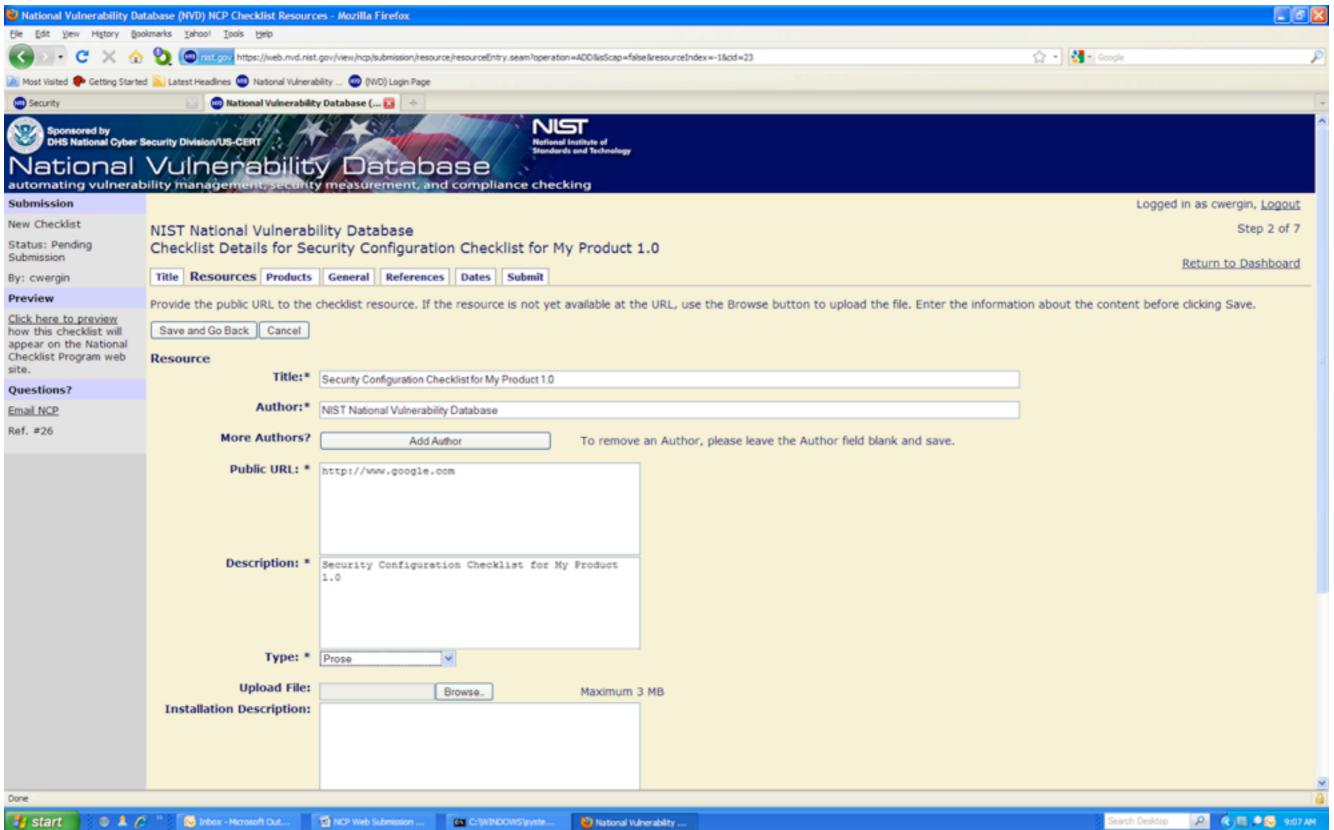




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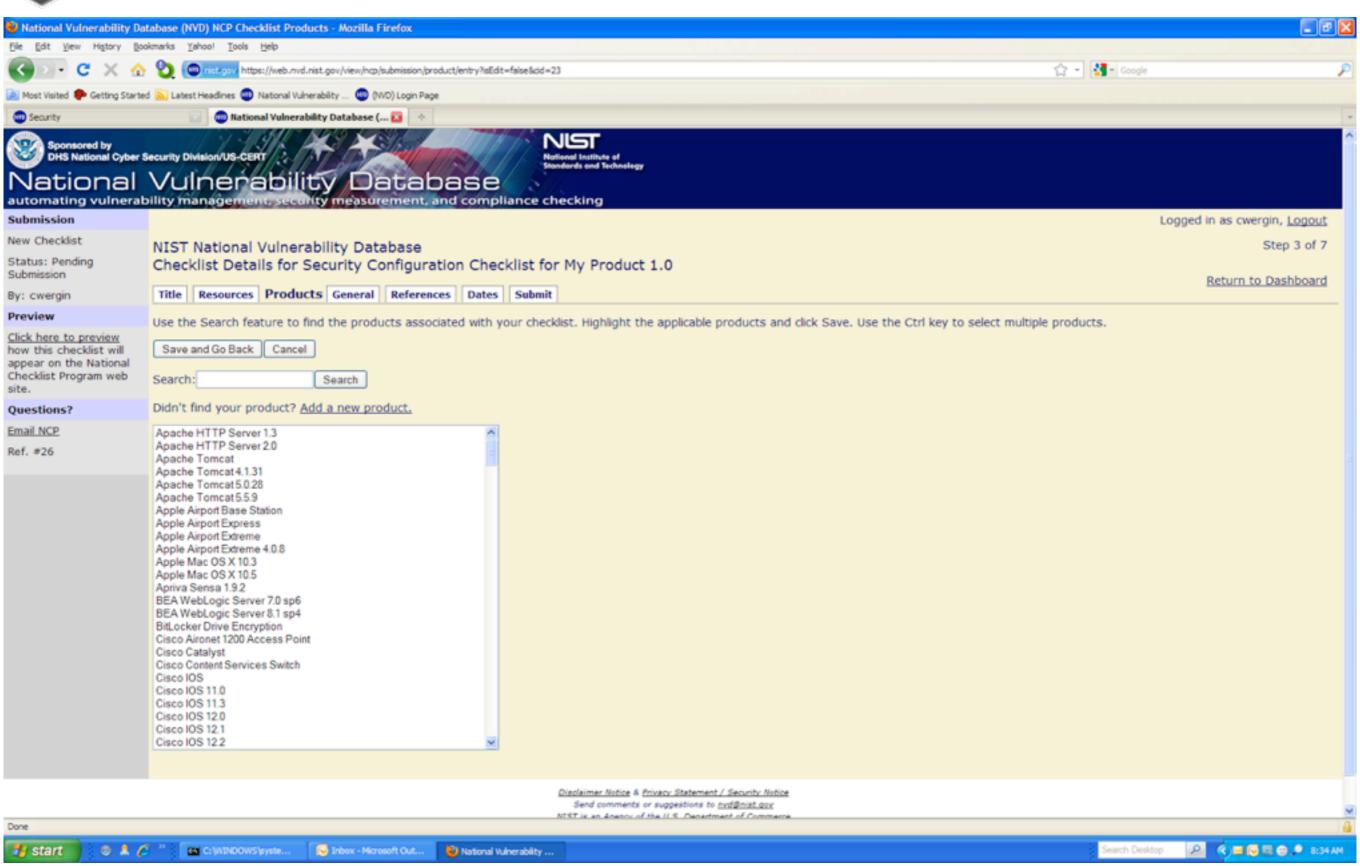




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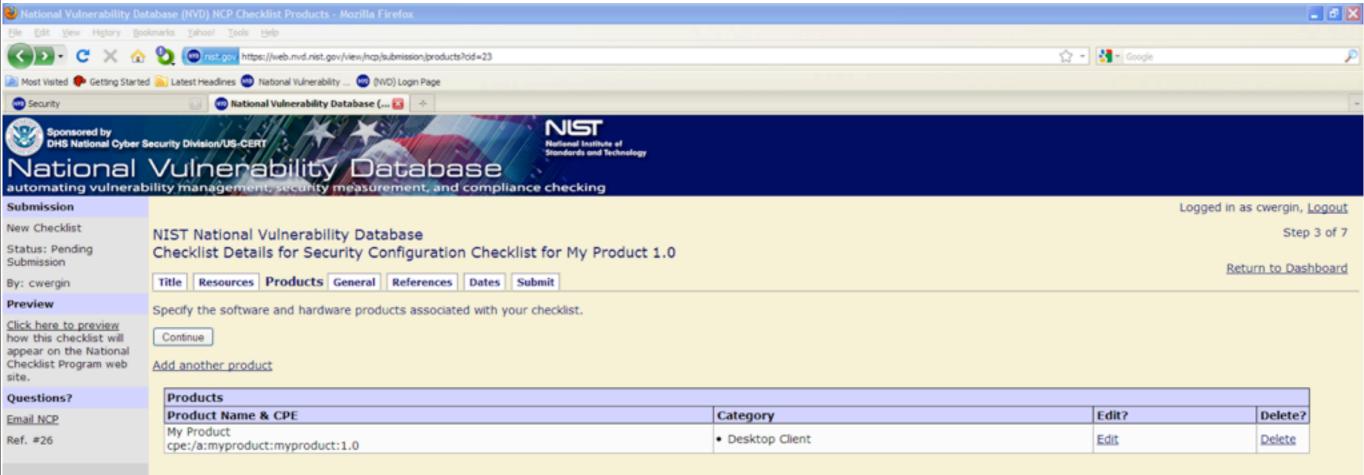




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NCP Web Submission









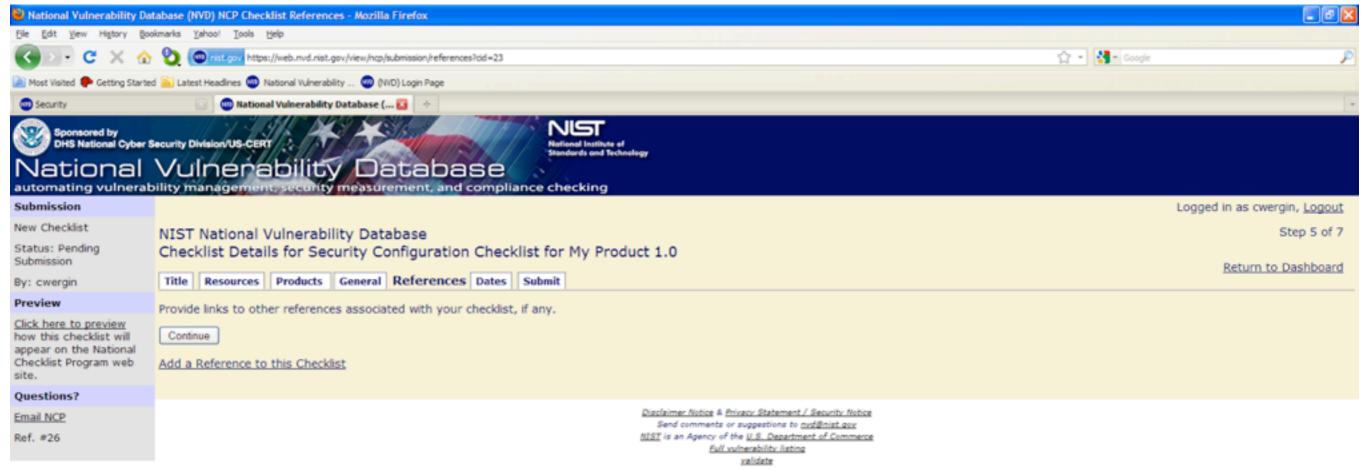
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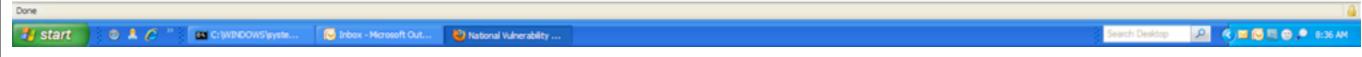
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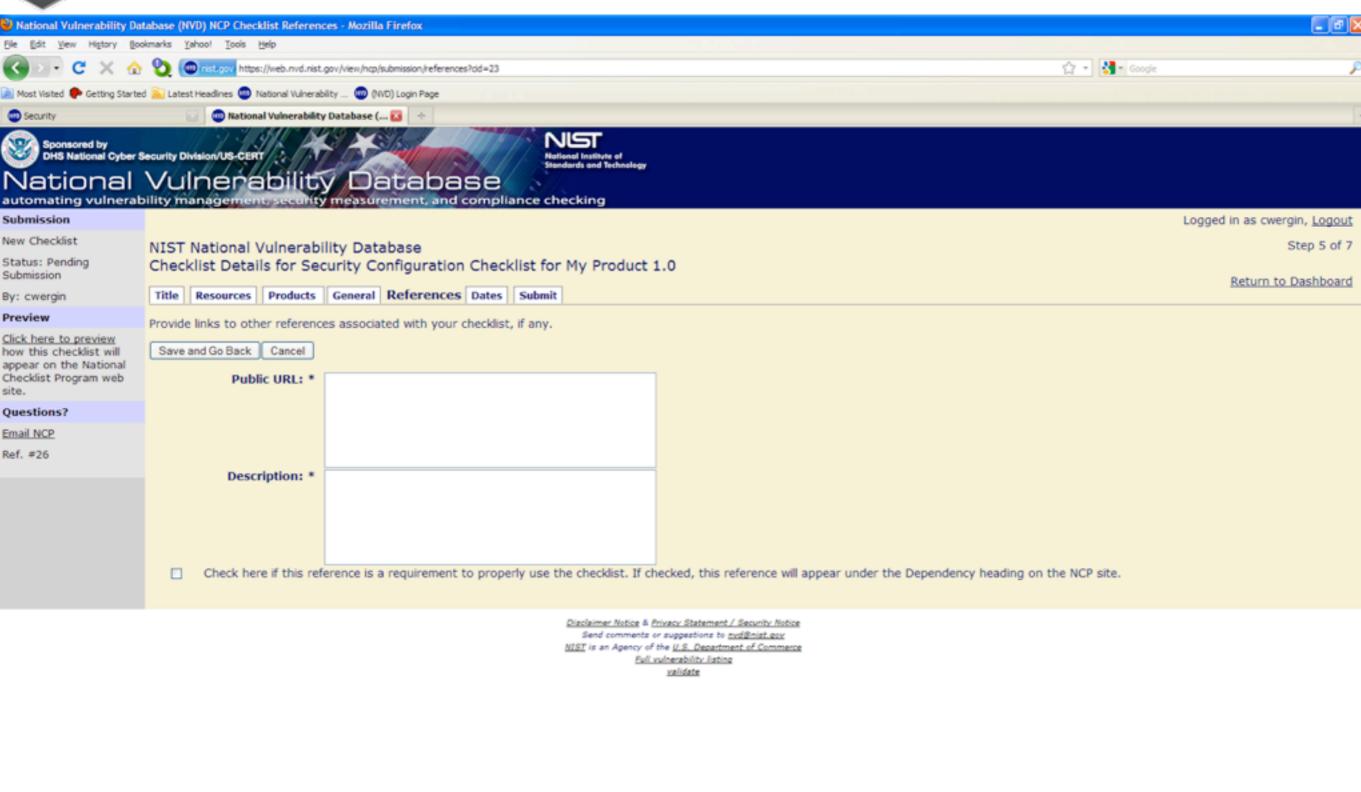












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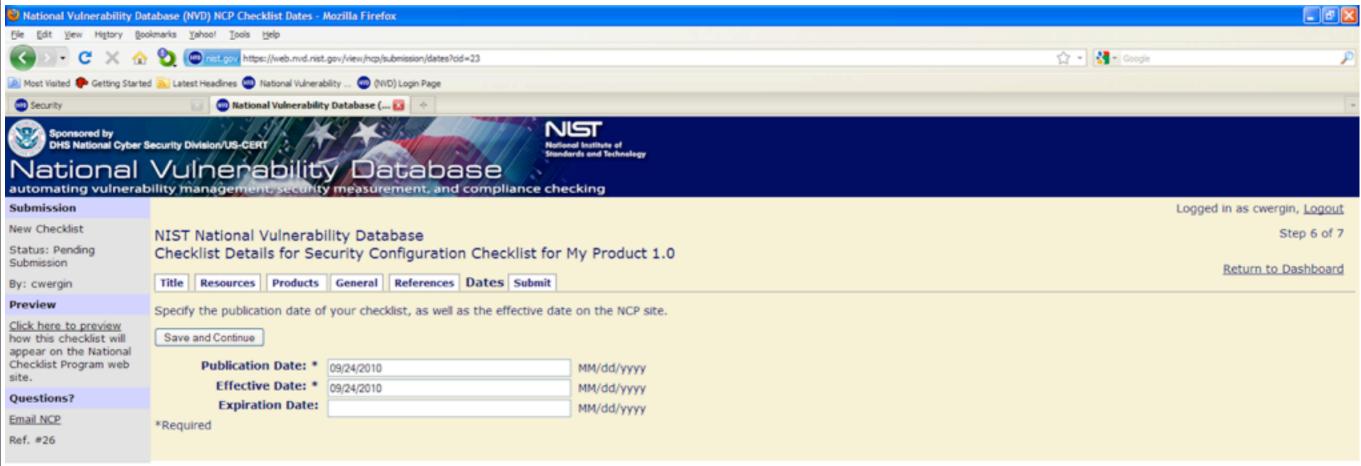


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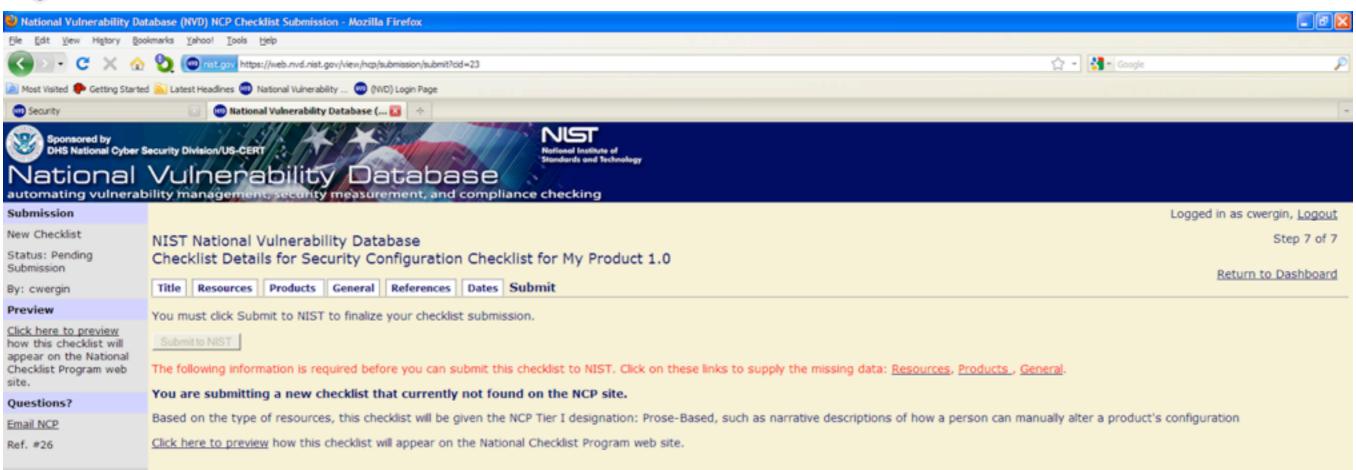
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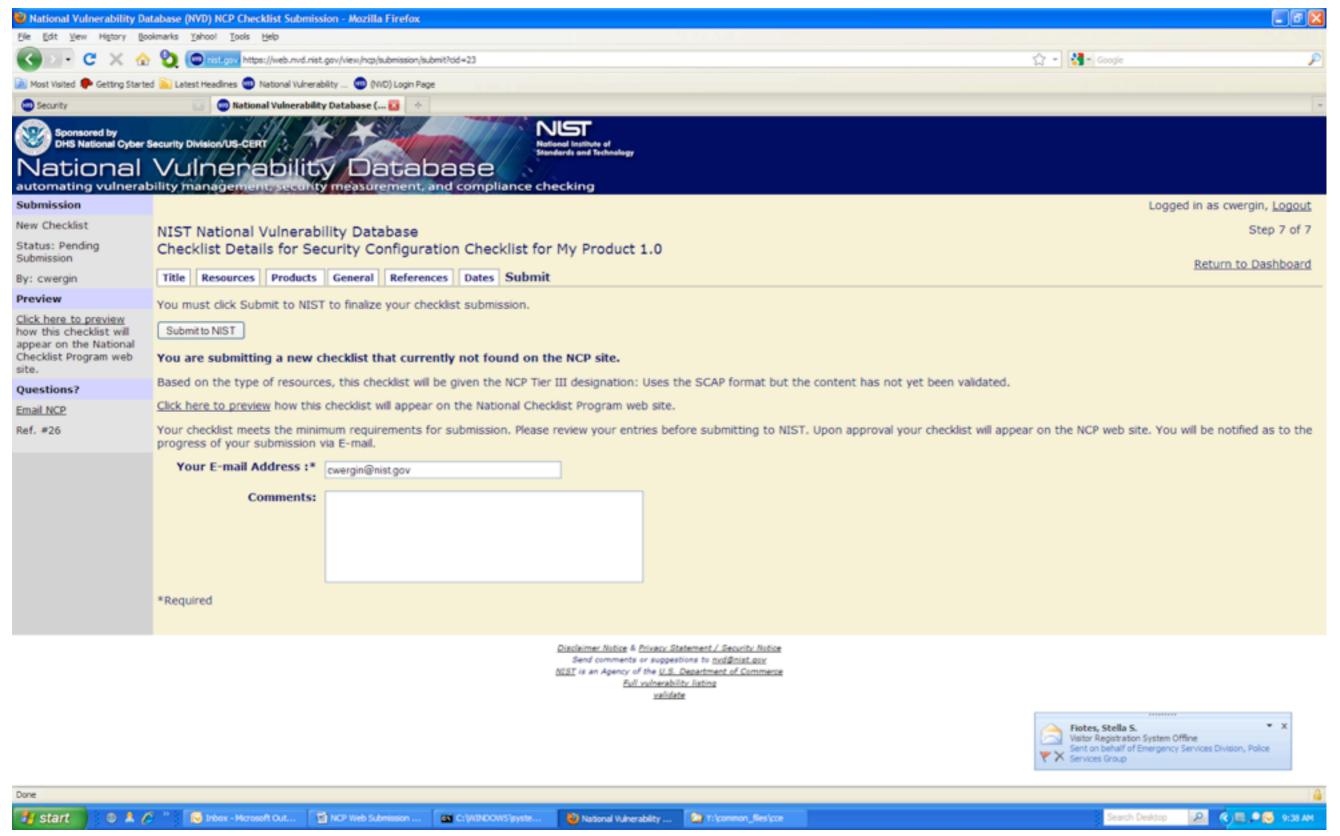




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Resources

- National Checklist Program: http://checklists.nist.gov
- NIST Computer Security Resource Center (CRSC)
 http://csrc.nist.gov/publications/PubsSPs.html





Questions & Answers / Feedback



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