Tabular Presentation of the Application Software Extended Package for Web **Browsers**



Version: 2.0

2015-06-16

National Information Assurance Partnership

Revision History

Version	Date	Comment
v 2.0	2015-06-16	Application Software Extended Package for Web Browsers
v 1.0	2014-03-31	Initial release - Protection Profile for Web Browsers

Introduction

This document presents the Security Functional Requirements and Security Assurance Requirements from the Application Software Extended Package for Web Browsers. This tabular representation is provided for those audiences whose interest primarily lies in those portions of that document. The Protection Profile itself remains the only complete and authoritative representation, and includes discussion of assumptions, threats, and objectives.

Security Functional Requirements

ID	Requirement	Assurance Activity
FCS_STS_EXT.1.1	The browser shall implement HTTP Strict-Transport-Security according to RFC 6797.	
	This is currently an objective requirement.	
FCS_STS_EXT.1.2	The browser shall retain persistent data signaling HSTS enablement for the time span declared by the website in a max-age directive.	
	This is currently an objective requirement.	
FCS_STS_EXT.1.3	The browser shall cache the "freshest" Strict Security policy information.	The evaluator shall examine the TSS to ensure that it documents how the browser supports HSTS. The evaluator shall examine the operational guidance to ensure it contains instructions on how to use HSTS. The evaluator shall
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This is currently an objective requirement.

Application Note: Freshness refers to the length of time between generation by the origin server and the expiration time when the origin server specifies that a stored response can no longer be used by a cache without further validation (RFCs 6797 and 7234). If a browser receives the HSTS header from a website, all future HTTP sessions between the browser and the domain or superdomain of that website must occur over TLS 1.2 (RFC 5246) or greater by utilizing HTTPS (RFC 2818) negotiating the strongest cipher possible.

perform the following tests:

- Test 1: The evaluator shall connect to a HSTS-compliant website while running a network protocol analyzer to monitor the traffic. The evaluator shall examine the captured network traffic and verify that a Strict Transport Security header is received and that there is a directive for the max-age of the HSTS relationship.
- Test 2: The evaluator shall reconnect to the HSTS website again over HTTP and shall verify that the session is redirected to HTTPS
- Test 3: The evaluator shall reconnect to the HSTS website after the max-age has expired, and verify that the website and browser reestablish an HSTS relationship.
- Test 4: The evaluator shall update the website HSTS information, and verify that when the browser reconnects to the website, that information

Assurarise palatically the browser. ID Requirement FDP_ACF_EXT.1.1 The browser shall separate local (permanent) and session The evaluator shall examine the TSS to ensure it describes how the browser (ephemeral) storage based on domain, protocol and port: separates local and session storage. The evaluator shall examine the operational guidance to verify that it documents the location on the file system that will be used for local storage and the location used for session storage · Session storage shall be accessible only from the The evaluator shall obtain or create JavaScript-based scripts that store and originating window/tab: retrieve information from local and session storage and shall set up a web Local storage shall only be accessible from windows/tabs server with two or more web pages from different domains using different protocols and/or ports. The evaluator shall incorporate the scripts into the web running the same web application. pages and shall perform the following tests: • Test 1: The evaluator shall open two or more browser windows/tabs Application Note: The separation of local and session storage is and navigate to the same web page. The evaluator shall verify that the described in World Wide Web Consortium (W3C) Proposed script for accessing session storage that is running in one window/tab Recommendation: "Web Storage". cannot access session storage associated with a different window/tab. **Test 2:** The evaluator shall open windows/tabs and navigate to different web pages. The evaluator shall verify that a script running in the context of one domain/protocol/port in a browser window/tab cannot access information associated with a different domain/protocol/port in a different window/tab. FDP_COO_EXT.1.1 The browser shall provide the capability to block the storage of third The evaluator shall examine the TSS to ensure it describes how the browser party cookies by websites. blocks third party cookies and when the blocking occurs (e.g., automatically, when blocking is enabled). The evaluator shall examine the operational guidance to verify that it provides a description of the configuration option for blocking of third party cookies. The evaluator shall perform the following tests which may require the developer to provide access to a test platform that provides the evaluator with tools that are typically not found on factory products: • Test 1: The evaluator shall clear all cookies and then configure the browser so that storage of third party cookies is allowed. The evaluator shall load a web page that stores a third party cookie. The evaluator shall navigate to the location where cookies are stored and shall verify that the cookie is present. Test 2: The evaluator shall clear all cookies and then configure the browser so that storage of third party cookies is blocked (i.e. not allowed). The evaluator shall load a web page that attempts to store a third party cookie and shall verify that the cookie was not stored. FDP_PST_EXT.1.1 The browser shall provide the capability to operate without storing The evaluator shall examine the TSS to verify it describes how the browser persistent data to the file system with the following exceptions operates without storing persistent user data to the file systems. N/A The [selection: credential information, administrator provided evaluator shall perform the following test which may require the developer to provide access to a test platform that provides the evaluator with tools that are typically not found on factory products: configuration information, certificate revocation information, no exceptions] Test 1: The evaluator shall operate the browser for a period of time, This is an optional requirement. It may be required by ensuring that a wide variety of browser functionality has been Extended Packages of this Protection Profile. exercised. The evaluator shall then examine the browser and the Application Note: Any data that persists after the browser closes. underlying platform to ensure that no files have been written to the file including temporary files, is considered to be persistent data. system other than the exceptions identified in FDP_PST_EXT.1.1. FDP_SBX_EXT.1.1 The browser shall ensure that web page rendering is performed in a The evaluator shall examine the TSS to ensure it describes how the rendering process that is restricted in the following manner of HTML and interpretation of JavaScript is performed by the browser in terms of the platform processes that are involved (with "process" being an active entity that executes code). For the processes that render HTML or interpret The rendering process can only directly access the area of the file system dedicated to the browser JavaScript, the evaluator shall examine the TSS to check that it describes how The rendering process can only directly invoke interthese processes are prevented from accessing the platform file system. The process communication mechanisms with its own browser evaluator shall check the TSS to ensure it describes each platform-provided IPC mechanism, and details for each mechanism how the rendering process is unable to use it to communicate with non-browser processes. The evaluator

- processes.
- The rendering process has reduced privilege with respect to other browser processes [selection: [assignment: other methods by which the principle of least privilege is implemented for rendering processes] , in no other ways]

Application Note: Web browsers implement a variety of methods to ensure that the process that renders HTML and interprets JavaScript operates in a constrained environment in order to reduce the risk that the rendering process can be corrupted by the HTML or JavaScript it is processing. This component requires the browser to lower the privileges of rendering processes by ensuring that it cannot directly access the file system of the host, and that it cannot use IPC mechanisms provided by the host to communicate with non-browser processes on the host. Typically, if a rendering process needs to access a file or communicate with a non-browser process, it must request such access through the TSF (which is allowed by the requirement).

In addition to the two required measures, other measures can be implemented depending on the browser and the host platform. These may involve such actions as changing the owner of the rendering process to a low-privileged account or dropping platformdefined privileges in the rendering process. The ST author fills in the additional measures implemented by the browser.

For each additional mechanism listed in the third bullet of this component by the ST author, the evaluator shall examine the TSS to ensure 1) the mechanisms are described; 2) the description of the mechanisms are sufficiently detailed to determine that it contributes to the principle of least privilege being implemented in the rendering process; and 3) appropriate supporting information is provided in the TSS (or pointers to such information are provided) that provides context for understanding the claimed least privilege mechanisms. The evaluator shall examine the operational guidance to determine that it provides a description of the restrictions available on rendering processes. Additionally, if such mechanisms are configurable (for instance, if a user can choose which mechanisms to "turn on"), the evaluator shall examine the operational guidance to ensure that the method for enabling and disabling the mechanisms are provided, and the consequences of such actions are described. The evaluator shall perform the following test on each platform claimed in the ST:

shall also confirm that the TSS describes how IPC and file system access is

privileged browser process that does not perform web page rendering. The evaluator shall ensure that these descriptions are present for all platforms

enabled (if this capability is implemented); for instance, through a more

claimed in the ST.

Test 1: The evaluator shall execute a form of mobile code within an HTML page that contains instructions to modify or delete a file from the file system and verify that the file is not modified for deleted.

FDP_SOP_EXT.1.1

The browser shall only permit scripts contained in one web page to access data in a second web page if both pages are from the same

FDP_SOP_EXT.1.2

The browser shall enforce the same origin policy for all domains.

Application Note: The Same Origin Policy concept is described in RFC 6454, "The Web Origin Concept"

Origin is defined as the combination of domain, protocol and port. Two URIs sharing the same domain, protocol and port are considered to have the same origin.

The evaluator shall examine the TSS to ensure it describes its implementation of a same origin policy and explains how it complies with RFC 6454. If the browser allows the relaxation of the same origin policy for subdomains in different windows/tabs, the TSS shall describe how these exceptions are implemented. N/A The evaluator shall obtain or create scripts that can retrieve content from designated locations and shall set up a web server with two or more web pages representing different domains. The evaluator shall incorporate the scripts into the web pages. The evaluator shall associate each

- Test 1: The evaluator shall open two or more browser windows/tabs and navigate to a different page on the website in each window/tab. The evaluator shall run the scripts and shall verify that the script that is running in one window/tab cannot access content that was retrieved in a different window/tab.
- Test 2: The evaluator shall verify that the scripts can retrieve content from another window/tab at a different subdomain.

FDP_STR_EXT.1.1

The browser shall ensure that cookies containing the *secure* attribute in the set-cookie header are sent over HTTPS.

Application Note: The set-cookie header functionality is described in RFC 6265, "HTTP State Management Mechanism".

The evaluator shall examine the TSS to verify it describes the browser's support for the "secure" attribute of the set-cookie header in accordance with RFC 6265, including the required sending of cookies containing this attribute over HTTPS. N/A The evaluator shall perform the following tests which may require the developer to provide access to a test platform that provides the evaluator with tools that are typically not found on factory products:

- Test 1: The evaluator shall connect the browser to a cookie-enabled test website implementing HTTPS and have the website present the browser with a "secure" cookie. The evaluator shall examine the browser's cookie cache and verify that that it contains the secure cookie.
- Test 2: The evaluator shall reconnect to the cookie-enabled website
 over an insecure channel and verify that no "secure" cookie is sent.

FDP_TRK_EXT.1.1

The browser shall provide notification to the user when tracking information for [selection:

geolocation,

browser history,

browser preferences,

browser statistics

] is requested by a website.

The evaluator shall examine the TSS to ensure it describes the browser's support for tracking information and specifies the tracking information that the browser allows websites to collect about the browser user. The evaluator shall examine the operational guidance to ensure it describes any notifications that the user will receive when tracking information is requested by a website and the options that the user has upon receiving the notification. The evaluator shall perform the following tests for each type of tracking information listed in the TSS:

- Test 1: The evaluator shall configure a website that requests the tracking information about the user and shall navigate to that website.
 The evaluator shall verify that the user is notified about the request for tracking information and that, upon consent, the web browser retrieves the tracking information.
- Test 2: The evaluator shall verify that the user is notified about the request for tracking information and that, when rejected, the browser does not provide the tracking information.

FMT_MOF_EXT.1.1

The browser shall be capable of performing the following management functions, controlled by the administrator or user as shown:

Administrator

User

0

- X = Mandatory
- O = Optional

 Management Function

Enable/disable automatic

Management Function	rammotrator	USCI
Enable/disable storage of third party cookies	0	Х
Enable/disable use of OCSP for obtaining the revocation status of X.509 certificates	0	0
Configure inclusion of user-agent information in HTTP headers	0	0
Enable/disable ability for websites to collect tracking information about the user through [selection: zombie cookies, add-on based tracking (e.g. Flash cookies), browsing history, [assignment: other tracking mechanisms]	0	0
Enable/disable deletion of stored browsing data (cache, web form information)	0	Х
Enable/disable storage of sensitive information (e.g., auto-fill, auto-complete) in persistent storage	0	0
Configure size of cookie cache	0	0
Configure size of cache	0	0
Enable/disable interaction with Graphic Processing Units (GPUs)	0	0
Configure the ability to advance to a web site with an invalid or unvalidated X.509 certificate	0	0
Enable/disable establishment of a trusted channel if the browser cannot establish a connection to determine the validity of a certificate	0	0
Configure the use of an application reputation service to detect malicious applications prior to download	0	0
Configure the use of a URL reputation service to detect sites that contain malware or phishing content	0	0

The evaluator shall verify that the TSS describes those management functions which may only be configured by the browser platform administrator and cannot be over-ridden by the user when set according to policy. The evaluator shall examine the operational guidance to verify that it includes instructions for a browser platform administrator to configure the functions listed in FMT_MOF.1.1. The evaluator shall perform the following tests:

- Test 1: The evaluator shall verify that functions perform as intended by enabling, disabling, and configuring the functions.
- Test 2: The evaluator shall create policies that collectively include all
 management functions controlled by the browser platform
 administrator and cannot be over-ridden by the user as defined in
 FMT_MOF.1.1. The evaluator shall apply these policies to the browser,
 attempt to override each setting as the user, and verify that the browser
 does not permit it.

ID	installation of software updates and patches			Assurance Activity	
	Enable/disable ability for websites to register protocol handlers	0	0		
	Enable/disable display notification when unsigned, untrusted or unverified mobile code is encountered	0	0		
	Enable/disable user's ability to select default actions upon download of a file (e.g., always open, or always save, a downloaded file)	0	0		
	Enable/disable launching of downloaded files outside the browser	0	0		
	Enable/disable JavaScript	0	0		
	Enable/disable [selection: ActiveX, Flash, Java, [assignment: other mobile code types supported by the browser]] mobile code	0	0		
	Enable/disable support for addons	0	0		
	Enable/disable individual add-ons	0	0		
	Enable/disable HSTS mode	0	0		
	"Administrator" refers to the administrator the device owner of a mobile device is to allow the user and administrator browser with configuration policies. If a policy for a particular function, the unfunction. Enforcement of the policy is the browser and its platform in coordi Disabling OCSP shall only be permitt FIA_X509_EXT.1.1 ().	The intent of this re of the platform to c the administrator h iser may still perfor done by the brows nation with each of	equirement onfigure the as not set m that er itself, or her.		
FPT_DNL_EXT.1.1	The browser shall prevent downloade automatically.	ed content from laur	nching		
FPT_DNL_EXT.1.2	The browser shall present the user w discard downloaded files. Application Note: This requirement intentionally (via clicking on a link) or download of a file, the browser will intopening a dialog box that presents the save the file to the file system or not of the line of the file system or not of the line of the file system or not of the line of the	ensures that if the unintentionally initiatervene by, for exare user with the optidownload the file. containing code for and outside the code for an analysis and outside the code for an analysis and code for an analysis a	ates the mple, on to either a software context of	The evaluator shall examine the TSS to ensure that it describes the behavior of the browser when a user initiates the download of a file. The evaluator shall examine the operational guidance to ensure it describes the dialog box that appears when a download is initiated and the implications of the options presented by the dialog box. The evaluator shall perform the following test: • Test 1: The evaluator shall navigate to a website that hosts files for download including executables and shall attempt to download and open several of these files. The evaluator shall verify that the browser always presents a dialog box with the option to either download the file to the file system or to discard the file.	
FPT_INT_EXT.1.1	The browser shall utilize an application prevent downloading of malicious application. This is currently an objective requision Note: An application represervice that identifies malicious applications prior to downloadin service would require configuration of	olications. irement. outation service is a cations; it is used to g them. Using a rep	n online o detect outation	The evaluator shall examine the TSS to ensure it describes the browser's use of application reputation services in detecting malicious applications. The evaluator shall examine the operational guidance to ensure it describes the browser's support for use of an application reputation service, including which services the browser supports by default (if any) and whether additional services can be configured. The operational guidance shall include steps for how to configure the application reputation service. The evaluator shall perform the following test:	

service would require configuration of the trusted service to be used. The quality of the reputation service may fall outside of the scope of the evaluation.

• Test 1: The evaluator shall configure the browser to enable the use of one or more application reputation services per the operational guidance. The evaluator shall initiate a connection with a website that attempts to download an application to the browser while sniffing the network traffic using a network protocol analyzer. The evaluator shall inspect the captured network traffic and shall verify that the browser initiates a connection to the configured application reputation service(s) before initiating the download.

FPT_INT_EXT.2.1

The browser shall utilize a URL reputation service to prevent connections with malicious websites.

This is currently an objective requirement.

Application Note: A URL reputation service is an online service that identifies websites with malicious or phishing content applications; it is used to detect such websites prior to allowing users to access them. The goal of this requirement is to ensure that the browser is prevented from establishing connections with knownbad sources of malware on the Internet. The specifics of the sequence of actions taken before a block decision is made may depend upon the specific implementation of the browser. For example, some browsers might implement the check for malicious content by checking against the list of bad URLs provided by the URL reputation service in real time; others may download updated lists of bad URLs at browser startup, updating the list periodically from the URL reputation service(s) until the browser is terminated. Ultimately, the result should be that the browser blocks the connection to the bad URL.

The evaluator shall examine the TSS to ensure it describes the browser's use of a URL reputation service in detecting malicious websites. The evaluator shall examine the operational guidance to ensure it describes the browser's support for use of URL reputation services, including which services the browser supports by default (if any) and whether additional services can be configured. The operational guidance shall include steps for how to configure the URL reputation service. The evaluator shall perform the following tests:

- Test 1: The evaluator shall configure the browser to enable the use of one or more URL reputation services per the operational guidance. The evaluator shall initiate a connection with a known good website while sniffing the network traffic using a network protocol analyzer. The evaluator shall inspect the captured network traffic and shall verify that the browser initiates a connection to the configured URL reputation service(s).
- Test 2: The evaluator shall configure the browser to enable the use of one or more URL reputation services per the operational guidance. The evaluator shall initiate a connection with a known malicious website that is identified by one or more of the URL reputation services while sniffing the network traffic using a network protocol analyzer. The evaluator shall verify that a warning appears alerting that the website is known to be malicious and the browser is not allowed to connect. The evaluator shall inspect the captured network traffic and shall verify that

Application Note: FPT_AON_EXT.2 depends upon the selection made here. If the browser does not include support for installing only trusted add-ons, this requirement can be met by demonstrating the ability to disable all support for add-ons as specified in FMT_MOF_EXT.1. Cryptographic verification (i.e., trust) of add-ons is tested in FPT_AON_EXT.2.1 The browser shall [selection: provide the ability, leverage the platform] to provide a means to cryptographically verify add-ons	ow the rusted source, xamine the s for each of	
Selection: ActiveX, Flash, Java, ActionScript, [assignment: other mobile code types supported by the browser]. no] mobile code. The browser shall provide the user with the option to discard unsigned, unfusted or unverified [selection: ActiveX, Flash, Java, ActionScript, [assignment other mobile code types supported by the browser landles unsigned mobile code most not the supported mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it. Application Note: The ST author must specify all mobile code without executing it, but does exhall add-ons, in the requirement can be met by demonstrating the ability is requirement can be met by demonstrating the ability is requirement can be met by demonstrating the ability is disable all support for add-ons as specified in [FMT MOF EXTL.] Cryptographic verification (i.e., trust) of add-ons is tested in [FT AON EXT.2.1] The browser shall [selection: provide the ability, verage the platform] to provide a means to cryptographically verify add-ons	ow the rusted source, xamine the s for each of	
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trust) of add-ons is tested in FPT_AON_EXT.2.1 • Test 2: The evaluator shall create or obtain a trusted add attempt to load it. The evaluator shall verify that the trust loads. FPT_AON_EXT.2.1 The browser shall [selection: provide the ability, leverage the platform] to provide a means to cryptographically verify add-ons		
FPT_AON_EXT.2.1 The browser shall [selection: provide the ability, leverage the platform] to provide a means to cryptographically verify add-ons		
platform] to provide a means to cryptographically verify add-ons	ed add-on	
platform] to provide a means to cryptographically verify add-ons		
using a digital signature mechanism and [selection : published hash, no other functions] prior to installation and update.		
This is a selection-based requirement. Its inclusion depends upon selection in FPT_AON_EXT.1.1.		
FPT_AON_EXT.2.2 The browser shall [selection: provide the ability, leverage the platform] to query the current version of the add-on.		
This is a selection-based requirement. Its inclusion depends upon selection in FPT_AON_EXT.1.1.		
FPT_AON_EXT.2.3 The browser shall prevent the automatic installation of add-ons. The evaluator shall examine the TSS to verify that it states that the reject add-ons from untrusted sources. The evaluator shall exam		
This is a selection-based requirement. Its inclusion depends upon selection in FPT_AON_EXT.1.1. This is a selection-based requirement. Its inclusion depends operational guidance to verify that it includes instructions on how the browser with trusted add-on sources. The evaluator shall perfollowing tests:		
Test 1: The evaluator shall create or obtain an add-on si	ine the to configure	
trusted source and attempt to install it. The evaluator sha the signature on the add-on is valid and that the add-on o installed.	ine the to configure form the	
 Test 2: The evaluator shall create or obtain an add-on si 	ine the to configure form the gned by a all verify that	
invalid certificate and attempt to install it. The evaluator s the signed add-on is rejected and cannot be installed.	ine the to configure form the gned by a Il verify that can be gned with an	
 Test 3: The evaluator shall create or obtain an add-on si trusted source, modify the add-on without re-signing it, an 	ine the to configure form the gned by a Il verify that can be gned with an	
install it. The evaluator shall verify that the signed add-or and cannot be installed.	ine the to configure form the gned by a all verify that can be gned with an hall verify that gned by a	
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Security Assurance Requirements

Requirement Assurance Activity

Glossary

Common Criteria	a (CC)	Common Criteria for Information Technology Security Evaluation.			
Extended Packa	ige (EP)	An implementation-independent set of security requirements for a category of products, which extends those in a Protection Profile.			
Protection Profile	e (PP)	An implementation-independent set of security requirements for a category of products.			
Security Target	(ST)	A set of implementation-dependent security requirements for a specific product.			
Target of Evalua	ation (TOE)	The product under evaluation. In this case, a web browser and its supporting documentation.			
ΓΟΕ Security Fι	unctionality (TSF)	The security functionality of the product under evaluation.			
ΓΟΕ Summary S	Specification (TSS)	A description of how a TOE satisfies the SFRs in a ST.			
Security Functio	nal Requirement (SFR)	A requirement for security enforcement by the TOE.			
Security Assura	nce Requirement (SAR)	A requirement to assure the security of the TOE.			
Add-on	Capabilities or functionali	ity added to an application. This term includes plug-ins, extensions, and other controls.			
Administrator		consible for management activities, including setting the policy that is applied by the enterprise on the browser. This administrator is ely. If the platform is unmanaged by an enterprise, the user can act as the administrator.			
CSRF	Cross Site Request Forg	ery - Vulnerability where an attacker gets a target user to execute a script with that user's privileges.			
Domain	A realm of administrative	autonomy, authority or control on the Internet (e.g., cnn.com).			
Extension	Bundle of code added to	the browser to add specific functionality that the browser does not provide by default.			
HTML	HyperText Markup Language - Language used by web servers to present content to browsers.				
HTML5	HyperText Markup Language version 5, a new version of HTML that incorporates many new features that enrich the browsing experience.				
ITTP	HyperText Transfer Protocol - Protocol for communicating on the web.				
ITTPS	HyperText Transfer Protocol Secure; secure version of HTTP that runs over an encrypted channel (SSL/TLS).				
JavaScript	Scripting language comm	nguage commonly integrated into web pages to generate dynamic, interactive content.			
Mobile Code		n a remote system for execution within a limited execution environment on the local system. Typically, there is no persistent n begins without the user's consent or even notification. Examples of mobile code technologies include Java applets, Adobe oft Silverlight.			
	Note: JavaScript is not in	ncluded in references to mobile code in this browser EP.			
Plug-in	Browser add-on to handle	e specific types of web content.			
op-up	Piece of web code that ca	auses a browser to open a window outside the window that is currently in focus.			
Port	An application-specific construct that functions as a communications endpoint in a computer's host OS; in a web environment, port 80 is the default port for HTTP communications, although other ports can be used. In a web address, the port follows the domain or sub-domain name (e.g., http://www.cnn.com:80).				
Protocol	A system of digital rules for data exchange within or between computers; in a web environment, the typical protocols are HTTP and HTTPS.				
Sandbox	Security mechanism for separating running processes, most often used to run untrusted or vulnerable processes by reducing their privileges to such an extent that they should not be able to harm the host system.				
Sensitive Data	Sensitive data may include all user or enterprise data or may be specific application data such as data transferred to submit a form or complete a transaction Sensitive data must minimally include personally identifiable information (PII), credentials, and keys. Sensitive data shall be identified in the application's TSS by the ST author.				
Sub-domain	An Internet domain which	n is part of a primary domain, denoted by a prefix before the primary domain (e.g., news.cnn.com).			
abs	Allow the browsers to dis	play content from multiple web sites in the same window.			
Web	Application that retrieves	and renders content provided by a web server. The terms web browser, browser, and TOE are interchangeable in this document.			
Browser	, ipplication that realiered				