Test Results Summary for Cisco Catalyst Switches Web Authentication Test for Japan (15.0 (2) SE2)

First Published: March 26, 2013

Last Modified: March 26, 2013

C O N T E N T S

CHAPTER 1

Cisco Catalyst Switches Web Authentication Test

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Cisco Catalyst Switches Web Authentication Test

Cisco Catalyst Switches Web Authentication Test is a program that validates and tests web authentication scenarios.

Cisco Catalyst Switches Web Authentication Test for Japanese, in turn is an add-on testing at the product level, where the requirements gathered are specific to Japanese usage and market. The requirements are derived based on the following:

- High Priority Scenarios

- Inputs from Cisco SE's

The test execution is carried out on selected Cisco Switching products, which affect the Japanese segment that are prioritized by Cisco Japan team.

The following products are covered in the test execution,

- Catalyst3750X switch,

- Catalyst2960S switch

- ISE Virtual Appliance

Acronyms

Acronym	Description
AAA	Authentication Authorization and Accounting
ISE	Identity Service Engine

CHAPTER **2**

Test Topology and Environment Matrix

Test Topology

Figure 1: Topology in Use
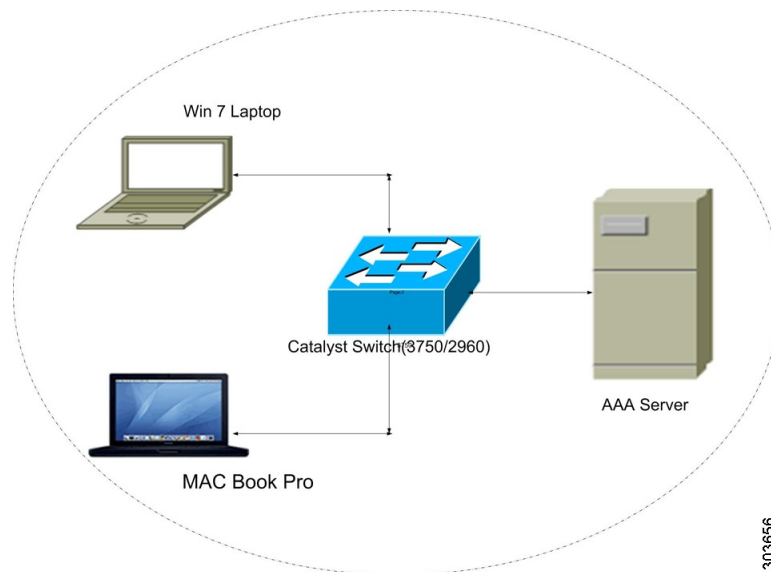
Environment Matrix

Category	Component	Version
Switch	Catalyst3750 Switch	15.0(2)SE2
	Catalyst2960 Switch	15.0(2)SE2
Clients	Operating System (JOS)	Windows 7 Enterprise
	Apple Mac Book Pro(JP Locale)	Mac OS 10.8 .3
Browsers	Internet Explorer	10 .0.9200.16521
	Mozilla Firefox	19 .0.2
	Chrome	25 .0.1364.172
	Safari	6.0.3
Servers	ISE	1.1.2.145

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Test Summary

Launching login page for HTTP connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-01	Launching login page for HTTP connection with Win7 client	To verify whether login page appears when a HTTP session is established.	Passed	
Switch-Web-Auth-02	Launching login page for HTTP connection with Mac OS client	To verify whether login page appears when a HTTP session is established.	Passed	

Appearance of login success page for HTTP Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-03	Appearance of login success page for HTTP Connection on Win7 client	To verify whether login success page appears when a HTTP session is established.	Passed	

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-04	Appearance of login success page for HTTP Connection on Mac OS client	To verify whether login success page appears when a HTTP session is established.	Passed	

Login fail page Appears for HTTP Connection with wrong credentials

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-05	Login fail page Appears for HTTP Connection with wrong credentials on Win7 client	To verify whether login fail page appears when a HTTP session is established and wrong password is provided.	Passed	
Switch-Web-Auth-06	Login fail page Appears for HTTP Connection with wrong credentials on Mac OS client	To verify whether login fail page appears when a HTTP session is established and wrong password is provided.	Passed	

Login expire page Appears for HTTP Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-07	Login expire page Appears for HTTP Connection on Win7 client	To verify whether login expire page appears when a HTTP session is established and wrong password provided for max attempts.	Passed	
Switch-Web-Auth-08	Login expire page Appears for HTTP Connection on Mac OS client	To verify whether login expire page appears when a HTTP session is established and wrong password provided for max attempts.	Passed	

Launching login page for HTTPS connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-09	Launching login page for HTTPS connection on Win7 client	To check whether login page appears when a HTTPS session is established.	Passed	
Switch-Web-Auth-10	Launching login page for HTTPS connection on Mac OS client	To check whether login page appears when a HTTPS session is established.	Passed	

Appearance of login success page for HTTPS Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-11	Appearance of login success page for HTTPS Connection on Win7 client	To check whether login success page appears when a HTTPS session is established.	Passed	
Switch-Web-Auth-12	Appearance of login success page for HTTPS Connection on Mac OS client	To check whether login success page appears when a HTTPS session is established.	Passed	

Login fail page Appears for HTTPS Connection with wrong credentials

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-13	Login fail page Appears for HTTPS Connection with wrong credentials on Win7 client	To check whether login fail page appears when a HTTPS session is established and wrong password is provided.	Passed	
Switch-Web-Auth-14	Login fail page Appears for HTTPS Connection with wrong credentials on Mac OS client	To check whether login fail page appears when a HTTPS session is established and wrong password is provided.	Passed	

Login expire page Appears for HTTPS Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-15	Login expire page Appears for HTTPS Connection on Win7 client	To check whether login expire page appears when a HTTPS session is established and wrong password provided for max attempts.	Passed	
Switch-Web-Auth-16	Login expire page Appears for HTTPS Connection on Mac OS client	To check whether login expire page appears when a HTTPS session is established and wrong password provided for max attempts.	Passed	

Appearance of Login success page for HTTP Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-17	Appearance of Login success page for HTTP Connection on Win 7 client	To Test by configuring the customized login page for Win 7 using HTTP	Passed	
Switch-Web-Auth-18	Appearance of Login success page for HTTP Connection on Mac OS client	To Test by configuring the customized login page for MAC OS using HTTP	Passed	

Appearance of Login success page for HTTPS Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-19	Appearance of Login success page for HTTPS Connection on Win 7 client	To Test by configuring the customized login page for Win 7 using HTTPS	Passed	
Switch-Web-Auth-20	Appearance of Login success page for HTTPS Connection on Mac OS client	To Test by configuring the customized login page for MAC OS using HTTPS	Passed	

Re-direction URL appears after authentication for clients both in HTTP/HTTPS Connections

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-21	Re-direction URL Appears after successful authentication	To Test the configured re-direction URL after successful authentication	Passed	
Switch-Web-Auth-22	Re-direction URL Appears after successful authentication on Win 7 Client using HTTP	To Test the specified re-direct URL for Win 7 using HTTP	Passed	
Switch-Web-Auth-23	Re-direction URL Appears after successful authentication on Mac OS Client using HTTP	To Test the specified re-direct URL for MAC OS using HTTP	Passed	
Switch-Web-Auth-24	Re-direction URL Appears after successful authentication on Win 7 Client using HTTPS	To Test the specified re-direct URL for Win 7 using HTTPS	Passed	

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-25	Re-direction URL Appears after successful authentication on Mac OS Client using HTTPS	To Test the specified re-direct URL for MAC OS using HTTPS	Passed	

Appearance of Customized login success page for HTTP Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-26	Appearance of Customized login success page for HTTP Connection on Win 7 Client	To Test by configuring the customized success page for Win 7 using HTTP	Passed	
Switch-Web-Auth-27	Appearance of Customized login success page for HTTP Connection on Mac OS Client	To Test by configuring the customized success page for MAC OS using HTTP	Passed	

Appearance of Customized login success page for HTTPS Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-28	Appearance of Customized login success page for HTTPS Connection on Win 7 Client	To Test by configuring the customized success page for Win 7 using HTTPS	Passed	
Switch-Web-Auth-29	Appearance of Customized login success page for HTTPS Connection on Mac OS Client	To Test by configuring the customized success page for MAC OS using HTTPS	Passed	

Appearance of Customized login failure page for HTTP Connection with Wrong credentials

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-30	Appearance of Customized login failure page for HTTP Connection with Wrong credentials on Win7 client	To verify whether customized fail page appears when a HTTP session is established and wrong password is provided for Win 7 using HTTP	Passed	

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-31	Appearance of Customized login failure page for HTTP Connection with Wrong credentials on Mac OS client	To verify whether customized fail page appears when a HTTP session is established and wrong password is provided for MAC OS using HTTPS	Passed	

Appearance of Customized login failure page for HTTPS Connection with Wrong credentials

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-32	Appearance of Customized login failure page for HTTPS Connection with Wrong credentials on Win7 client	To verify whether customized fail page appears when a HTTPS session is established and wrong password is provided for Win 7 using HTTPS	Passed	
Switch-Web-Auth-33	Appearance of Customized login failure page for HTTPS Connection with Wrong credentials on Mac OS client	To verify whether customized fail page appears when a HTTPS session is established and wrong password is provided for MAC OS using HTTPS	Passed	

Customized Login expire page Appears for HTTP Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-34	Customized Login expire page Appears for HTTP Connection on Win7 client	To verify whether customized expire page appears when a HTTP session is established and wrong password provided for max attempts for Win 7 using HTTP	Passed	
Switch-Web-Auth-35	Customized Login expire page Appears for HTTP Connection on Mac OS client	To verify whether customized expire page appears when a HTTP session is established and wrong password provided for max attempts for MAC OS using HTTP	Passed	

Customized Login expire page Appears for HTTPS Connection

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-36	Customized Login expire page Appears for HTTPS Connection on Win7 client	To verify whether customized expire page appears when a HTTPS session is established and wrong password provided for max attempts for Win 7 using HTTP	Passed	
Switch-Web-Auth-37	Customized Login expire page Appears for HTTPS Connection on MAC OS client	To verify whether customized expire page appears when a HTTPS session is established and wrong password provided for max attempts for MAC OS using HTTPS	Passed	

Supported configuration for Switch 3750/2960

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-38	Disable IEEE 802.1x supplicant in Win7 client	To verify if the disable IEEE 802.1x supplicant in Windows 7 client works fine	Passed	
Switch-Web-Auth-39	Enable IP device tracking in switch for web authentication	To verify whether enable IP device tracking in switch for web authentication	Passed	
Switch-Web-Auth-40	Configure an authentication rule for web-based authorization	To verify the authentication rule for web-based authorization .	Passed	
Switch-Web-Auth-41	Configure web-based authentication on the specified interface	To check if configuring the web-based authentication on the specified interface works fine	Passed	
Switch-Web-Auth-42	Configure radius server in switch for authentication	To verify the Radius Server Configuration for authentication	Passed	
Switch-Web-Auth-43	Configure HTTP server in the switch for web-authentication	To verify the HTTP server configuration for web-authentication	Passed	
Switch-Web-Auth-44	Configure HTTPS server in the switch for web-authentication	To verify the HTTPS server configuration for web-authentication	Passed	
Switch-Web-Auth-45	configure max number of failed authentication attempts	To verify maximum number of failed authentication attempts	Passed	

Logical ID	Title	Description	Status	Defects
Switch-Web-Auth-46	Remove Web-Based Authentication Cache Entries	To check if the Web-Based Authentication Cache Entries are removed .	Passed	
Switch-Web-Auth-47	Web-Authentication configuration	To verify the web-authentication configuration.	Passed	
Switch-Web-Auth-48	Web Authentication Local Banner	To verify the Web Authentication Local Banner	Passed	

Related Documentation

Switch Configuration

http://www.cisco.com/en/US/docs/switches/lan/catalyst3750/software/release/12.2_52_se/configuration/guide/swwebauth.html#wp1103789