800-190-003 Storage Center Update Utility (SCUU) 1.1.1 Test Report

1. Contents

2. Disclaimers

3. Document Revision History

Date	Revision	Description	Originator
04 Apr 2017	v.1	Initial Report	Vanciu, Chris
17 Apr 2017	v.5	Add doc number	Studeny, Maureen
01 May 2017	v.8	Add updates for fixes	Vanciu, Chris

4. Reference Documents

Document Number	Document Scope	Title	Hyperlink
	Internal	Feature Test Plan	No test plan generated

TestTrack	Internal	Feature Test Cases	ttstudio://ttrack01.beer.town:443//Dell-Compellent/fold?recordID=2864&mode=0 http://10.156.103.126/ttweb/#Default/1/folders/contents/list?folder=2864&type=testCases,testRuns,requirements,requi
TestTrack	Internal	Feature Requirements	ttstudio://ttrack01.beer.town:443//Dell-Compellent/rdmt?recordID=336 http://10.156.103.126/ttweb/#Default/1/requirementDocuments/336/specification?filterID=0&page=0&version=0

5. Introduction

This test report addresses minor functional changes in Storage Center Update Utility (SCUU) which initially created version 01.01.01.005. The changes focused on endpoint selection, use of zipped distros and host service automated startup.

After the initial release of this test report, two issues were located outside the scope of the specific features tested. Stakeholders decided the best course of action was to correct the newly located issues, thus generating SCUU version 01.01.01.008. The two modifications address a problem with the log and distro unzip directory locations and display of a source distro compatibility issue on the main screen rather than keeping it only in the logs.

6. Overview

SCUU was updated with three distinct enhancements; Selection of endpoints without gateway specified, Automated startup after distro selection, and ability to select a zipped distro file.

Some customers, particularly dark sites, operate equipment within a single management subnet and therefore do not specify a gateway for NICs. SCUU no longer filters out NICs that do not specify a gateway.

SCUU can now be configured to start hosting once a distro is selected rather than when the user "presses" the start button.

SCUU no longer requires the user to unzip a distro into a file folder. The user can simply locate the desired zipped distro file, and SCUU will handle the unzip processing.

7. Summary of Findings

Each of the features was tested based on the engineering requirements and found to work as expected with no failures.

8. Test Cycle Description

Testing required multiple test iterations, with the first test iteration checking each of the enhancements, reporting issues and locating a usability issue with distro selection. Once the usability issue was resolved, a last pass on the enhancements and validation of issues was performed.

9. Testbed Configuration

9.1. Software

9.2. Operating Systems

OS	Platform	Comment
Windows 8.1	VMWare	Official test
Windows 7	Dell Precision 5810	Used for test case development

10. Test Results

10.1. Methodology

Testing was focused against only the enhancements with some limited negative testing within each test case.

10.2. Tools

No specific tools were used.

10.3. Features Tested

Testing focused on the validation of three (3) changes: Endpoint selection of endpoint without specified gateway, automated service start, and selection/upload of zipped distros.

Item Type	Run	Case	Summary	Status
Test Run	494095	37379	Endpoint Selection List	Passed
Test Run	494096	37380	Direct Use of zipped file	Passed
Test Run	494097	37381	Auto Hosting Start enables and disables automated start of Hosting on distro selection	Passed

Pass/Fail Summary Table example

Result	Count	Percentage
Pass	3	100%
Fail	0	0%
Skipped	0	0%
Broken	0	0%
Total Test Runs	**3**	

Link to Test Run Folder

Storage Center Update Utility (SCUU) test run details can be found in the following folder in TestTrack.

Using the address bar in the TestTrack standalone client:

ttstudio://ttrack01.beer.town:443//Dell-Compellent/fold?recordID=7330&mode=0

Using the TestTrack web client:

http://10.156.103.126/ttweb/#Default/1/folders/contents/list?folder=7330&type=testCases,testRuns,requirements,requirementDocuments&filterID=0&page=0&recursive=false

10.4. Features Not Tested

This was a focused feature test execution against only the specific feature modifications. Consequently, full functionality of SCUU was not tested.

11. Issues

All issues opened during testing were validated.

11.1. Issues Raised

All issues opened during testing were validated.

11.2. Issues Validated

All issues opened during testing were validated.

Change Item	Summary	Status
PH-2830	main:SCUU: In the preferences window, neither directory selection button functions	Validated
PH-2828	main:SCUU: Upgrades denied by distro compatibility issues need to be displayed on the main screen	Validated
PH-1967	main:SCUU: Adjust network code to show networks without gateways	Validated
PH-1965	main:SCUU: Browse for distro automated start improperly displays STOP button	Validated
PH-1963	main:SCUU: Able to "import" zip file prior to stopping services	Validated
PH-1961	main:SCUU: Distro selection should be performed in one location, not multiple locations	Validated
PH-1959	main:SCUU: Opening a corrupt zip file generates unhandled exception	Validated
PH-1957	main:SCUU: automatically unzip the upgrade package	Validated
PH-1950	main:SCUU: Goes unexpectedly "non-responsive" after selection of zip file	Validated
PH-1933	main:SCUU: Automatically start the service	Validated

11.3. Issues Remaining Open
No issues for this or previous versions of SCUU are currently open.

12. Recommendations

SCUU should be released after the Acceptance Test team has performed several upgrades.

13. Glossary

Term	Definition
SC	Storage Center
SCUU	Storage Center Update Utility