

[HV-10] Central application freezes when using an invalid vDrive Created: 15/Mar/16 Updated: 04/Apr/16

Status:	Resolved
Project:	Hart Verity 2.0
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Functional	Priority:	Medium
Reporter:	Marjorie Schirmer	Assignee:	Marjorie Schirmer
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Attachments: Batch Central_0680.JPG Central Batch Audit Log Report-3-9-2016 16-03-10 PM.pdf Central Batch System Log Report-3-9-2016 16-03-10 PM.pdf Response from Jim Canter (Hart).docx

Application or Device: Central

Description

Requirements: VVSG Vol 1: 2.1.5.1.b.i - The system shall generate, store and report to the user all error messages as they occur.

VVSG Vol 1: 5.4.3.a.ii - The in-process audit records shall contain all messages generated by exception handlers.

Environment: Central Server Workstation D1410000712

Central Scan Canon Image Formula DR-G1100 (Hart 001928)

While testing the Central application for error messages, created a task, scanned 5 ballots (from the Smoke Test election) on the Central Scan, saved the batch, inserted a vDrive that contained a different election (Accuracy election) into the USB port of the Central Server Workstation.

The expected result was:

Write Ballots to vDrive pop-up message displays with "The vDrive does not match the current election".

The actual result was:

The batch number did not display on the screen, the Write Ballots option remained disabled. The scan dialog froze, not able to perform any actions other than to remove and/or re-insert the vDrive. A Fatal System Exception generated in the system log (logged in to a client to access the logs).

See attached screen shot, logs and response from Jim Canter (Hart)

Comments

Comment by Marjorie Schirmer [04/Apr/16]



Unable to reproduce - however, code was reviewed and modified to prevent the anomaly from reoccurring.

[HV-11] Data import failed with precinct split errors Created: 15/Mar/16 Updated: 04/Apr/16

Status:	Resolved
Project:	Hart Verity 2.0
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Functional	Priority:	Medium
Reporter:	Marjorie Schirmer	Assignee:	Marjorie Schirmer
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		

Original Estimate: Not Specified

Attachments:  Audit Log Report-3-15-2016 14-21-08 PM.pdf  PrecinctSplitErrors.JPG

Application or Device: Data

Description

Requirements: VVSG Vol 1: 2.1.6.a An EMS shall generate and maintain a database, or one or more interactive databases, that enables election officials or their designees to perform the following:

Define political subdivision boundaries and multiple election districts as indicated in the system documentation.

VVSG Vol 1: 2.2.1.2.a The voting system shall provide for the capability to create newly defined elections.

Environment: Data Build Count Server Workstation D1410000312

Created a general election in the Data application, exported the Full Election Dataset, closed the Data application, opened the Manage application, added a new election, closed the Manage application. Opened the Data application, opened the newly added election, selected the Import option, selected Full Election Dataset, pressed the Import button.

Selected the Full Data Export folder that was exported from the created general election.

The progress wheel displayed briefly, then an Import Results pop-up displayed with "Import Failed with Errors - with 18 errors related to Precinct Splits.

See photo for the beginning of the pop-up error message.

[HV-12] Error message generates when saving added write-in candidates in Central Created: 22/Mar/16 Updated: 04/Apr/16

Status: Resolved

Project: Hart Verity 2.0

Component/s: None

Affects Version/s: None

Fix Version/s: None

Type: Functional

Priority: Medium

Reporter: Marjorie Schirmer

Assignee: Marjorie Schirmer

Resolution: Unresolved

Votes: 0

Labels: None

Remaining Estimate: Not Specified

Time Spent: Not Specified

Original Estimate: Not Specified

Attachments:  013.JPG  Central write-in errors Audit Log Report-3-22-2016 09-42-07 AM.pdf

EAC Priority: Informational

Application or Device: Central

Description

Requirement: VVSG Vol 1: 2.1.5.1.b.ii - All error messages requiring intervention by an operator or precinct official shall be displayed or printed unambiguously in easily understood language text, or by means of other suitable visual indicators.

Environment:

Central Server 1 Workstation D1410000712

Smoke Test general election

While testing the add write-in candidate option in the Central application, instead of pressing the Save button, pressed the Add button in error. Attempted to press the Save button at this point, and nothing happened. Attempted to leave the current screen by selecting the Select Election Chevron, and received the following message:

"! Data needs to be saved. Would you like to save it?"

Pressed the Yes option and received the following error message:

"There was an unexpected error while saving the write-in candidates". See attached file named "Central WI error.jpg

Pressed the OK option, checked for the addition of the write-in candidates that were just added, the candidates are included in the list.

The Save function appears to work, however the error message displays. The application is still functional. Exception errors were displayed in the audit log. See attached file named "Central write-in errors Audit log.pdf

Comments

Comment by Marjorie Schirmer [04/Apr/16]

VVSG Vol 1: 2.1.5.1.b.ii - All error messages requiring intervention by an operator or precinct official shall be displayed or printed unambiguously in easily understood language text, or by means of other suitable visual indicators.

[HV-13] Error when you attempt to assign a write-in to a candidate that has already been voted Created: 29/Mar/16 Updated: 04/Apr/16

Status:	Resolved
Project:	Hart Verity 2.0
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Functional	Priority:	Medium
Reporter:	Dustin George [Administrator]	Assignee:	Marjorie Schirmer
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

Application or Device:	Count
-------------------------------	-------

Description

Requirement: VVSG Vol 1: 2.1.5.1.b.ii - All error messages requiring intervention by an operator or precinct official shall be displayed or printed unambiguously in easily understood language text, or by means of other suitable visual indicators.

If you attempt to assign a write-in to a candidate that has already been voted for on that contest on that ballot

then you get an error message. "The associated contest already has the certified candidate voted as a write-in."

This can scramble the current Assigned write-ins.

Count tile > Select election > Select task > Select Resolve > Select a contest with Unassigned write-ins > Select Unassigned write-ins tab > In the Assign to: field, assign the write-in to a candidate that was already voted for on that ballot. An error message displays, "The associated contest already has the certified candidate voted as a write-in."

[HV-14] Invalid cancel button at boot following a suspend polls Created: 04/Apr/16 Updated: 04/Apr/16

Status:	Resolved
Project:	Hart Verity 2.0
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Functional	Priority:	Medium
Reporter:	Marjorie Schirmer	Assignee:	Marjorie Schirmer
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		

Time Spent:	Not Specified
Original Estimate:	Not Specified
EAC Priority:	Significant
Application or Device:	Scan

Description

Requirement: VVSG Vol 1: 2.1.1.b - All systems shall provide system functions that are executable only in the intended manner and order, and only under the intended conditions.

On Open Polls screen, following a Suspend Polls, there is a "cancel" button that when pressed can lead to invalid workflow states. At boot, following a Suspend Polls there is no state to cancel to, the poll worker must proceed with a valid passcode. The device must be powered down while in the Polls Suspended state for the button to be present following a power cycle.

Comments

Comment by Marjorie Schirmer [04/Apr/16]

The "no cancel button" flag was not being set when system rebooted after a Suspend Polls.

- Corrected software. Set Boolean flag to not include cancel button when starting the system after a suspend polls. Tested by the Hart QA team in accordance to the Software Verification and Validation Process, document 1000560.

- 2.0.1 tested by SLI to reproduce "Invalid Cancel Button" issue.

- 2.0.3 tested by SLI to verify "Invalid Cancel Button" issue was fixed; cancel button is no longer included when starting the system after a suspend polls.

No issues found with 2.0.3 release.

[HV-15] Controller - System alert occurs if system is rebooted after closing polls and Write-in report is generated Created: 04/Apr/16 Updated: 04/Apr/16

Status:	Resolved
Project:	Hart Verity 2.0
Component/s:	None
Affects Version/s:	None
Fix Version/s:	None

Type:	Functional	Priority:	Medium
Reporter:	Marjorie Schirmer	Assignee:	Marjorie Schirmer
Resolution:	Unresolved	Votes:	0
Labels:	None		
Remaining Estimate:	Not Specified		
Time Spent:	Not Specified		
Original Estimate:	Not Specified		

EAC Priority:	Significant
----------------------	-------------

Description

Requirement: VVSG Vol 1: 2.1.1.b All systems shall provide system functions that are executable only in the intended meanner and order, and only under the intended conditions.

Controller - System alert occurs if system is rebooted after closing polls and Write-in report is generated. Internal DDOM variable was expected to be initialized by the preceding Tally Report.

Comments

Comment by Marjorie Schirmer [04/Apr/16]

In this use-case, since Tally Report was not generated following the report, the value was uninitialized.

- Corrected software. Proper initialization of DDOM. Tested by the Hart QA team in accordance to the Software Verification and Validation Process, document 1000560.

- 2.0.1 tested by SLI to reproduce "System Alert" issue.
- 2.0.3 tested by SLI to verify "System Alert" issue was fixed. No issues found with 2.0.3 release.

Generated at Mon Apr 04 11:35:06 MDT 2016 by Marjorie Schirmer using JIRA 7.2.0-OD-05-022#72002-sha1:c8ddad15ad868a9f23d9b99f45083e02b224f233.