



Unison Sanity Test Case Checklist

Document Change History

Version Number	Date	Contributor	Description
V0.1	6/20/2019	Harrison Markarian	Initial version.
V0.2	2/12/2020	Harrison Markarian	Added SMC+ check details

Introduction:

The purpose of this document is to define and describe the SQA sanity test cases in SQARD, both for SQA to refer to as far as a set of instructions on how to run the test cases, and for others outside the group to have access to what is specifically being tested. Where a test case created in SQARD will be named "Check OpTool" for example, this document will explain what it is that SQA needs to do to fully validate the test case and prevent any variation on what is done each time it appears in a sanity test pass. This document should be used in sync with the "Unison Sanity Check Instructions" that SQA uses as instructions on how to install the software, as some aspects of these test cases will refer to that document, which is also on the SQA wiki.

Below is a list of SQA's sanity test cases in SQARD, and links that lead to their corresponding instructions for testing in this document.

Test Case Directory:

[Package Installation Check](#)

[Package Update Check](#)

[Non-Component Install Check](#)

Package Installation Check:

Before any other test case can effectively be run, the packages for the corresponding release must be installed, the process of which is detailed in the “Unison Sanity Check Instructions” document. This checklist will provide more details about what SQA needs to do during the install process and immediately after:

- ☐ This test case assumes you are doing a fresh install of the selected release. Erase all previous versions of the software release to be installed from the tester. If you did not do this or any errors appear during the erase, this test does not pass.
- ☐ Manually remove remaining plugins/drivers that the workstation has already on it before installing them from the packages to be used (per the sanity check instructions). If you did not remove the previous ltx/unison drivers and plugins from the tester, this test does not pass.
- ☐ Check for errors or failures that may appear during the installation of the packages. If you see any error messages this test does not pass.
- ☐ Check for any dialogue or verbiage that you are unsure of or seems out of place. If you see text appear that is ostensibly out of place from the usual install, this test does not pass.
- ☐ Check for any error messages or out of place dialogue that appears during the postinstall script. If any errors or issues arise and the script does not complete, this test does not pass.

Package Update Check:

While it is important to do a fresh install each time SQA tests a new release, it is also critical to ensure the update functionality works as well, with some slight deviations from the complete fresh install:

- ☐ Make sure that you currently have a previously installed version of Unison (preferably the one prior to the newest release) on the tester. If you are already updating the latest version of Unison, this test does not pass.
- ☐ If you have NO versions of Unison installed on the tester, install the most recent packages from the production repository.
 - ☐ Manually remove remaining plugins/drivers that the workstation has already on it before installing them from the packages to be used (per the sanity check instructions). If you did not remove the previous ltx/unison drivers and plugins from the tester, this test does not pass.
 - ☐ Check for errors or failures that may appear during the installation of the packages. If you see any error messages this test does not pass.
 - ☐ Check for any dialogue or verbiage that you are unsure of or seems out of place. If you see text appear that is ostensibly out of place from the usual install, this test does not pass.
 - ☐ Check for any error messages or out of place dialogue that appears during the postinstall script. If any errors or issues arise and the script does not complete, this test does not pass.
- ☐ Make sure that once you have guaranteed that you have a prior version of Unison installed to be in the testing repository to run the update. If you are still pointing to the production repository when the update occurs, this test does not pass.

- ☐ Check for errors or failures that may appear during the updating of the packages. If you see any error messages this test does not pass.
- ☐ Check for any dialogue or verbiage that you are unsure of or seems out of place from running the update. If you see text appear that is ostensibly out of place from the usual update, this test does not pass.

Non-Component Install Check:

This test originates per SPR176574, regarding non-component packages needing to be installed manually after the initial packages were installed.

- ☐ Follow either of the test cases above per the sanity check documentation to reach a point where Unison has just been installed on the tester. It is RECOMMENDED that this is done prior to installing the full packages to avoid confusion.