Virtualization Solutions / Products Qualification Standards

Overview

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The TestNav technical requirements need to be followed when using qualified products:

TestNav 7.5	www.pearsononlinetesting.com/TN7requirements
TestNav 8	www.pearsononlinetesting.com/TN8requirements

A virtual client machine should provide the same experience as a client machine in a non-virtual environment. A baseline Electronic Practice Test (ePAT) will be provided by Pearson during the qualification process which will be used for comparison. The ePAT provided will be specific for the TestNav version being qualified.

Virtualization Setup Requirements

1. Testing environment must be set up using proctor caching

2. All cache must be cleared prior to testing including Java cache. For instructions on clearing java cache, please access the following link:
   http://www.java.com/en/download/help/plugin_cache.xml.

3. Once setup the testing environment should use the SystemCheck tool successfully

Virtualization Qualification Standards

Qualified Products must meet all of the following criteria:

Critical Security Standards for TestNav®

1. From selection of the test to "submit test" the desktop is secure and the system does not allow access to any application, content, or other service beyond the TestNav test assessment delivery system

2. From selection of the test to "submit test" the system does not allow any screen captures, printing, saving or other electronic replication or duplication of the display screen, source code or content of the test

3. All data is encrypted between client and server for the entirety of the usage period. The data encryption must be AES 128 or higher.

Critical Performance Standards for TestNav®

1. While logging in concurrently, no error messages are received

2. The first test item/question of the tests loads fully at the same speed as the baseline amount of less than 45 seconds

3. While interacting with all test items/questions there are no noticeable curser lags, input lags or delays in tool engagement as compared to the baseline ePAT

4. While interacting with video, audio, and Technology Enhanced Items (TEI) there are no significant lags or delays experienced as compared to baseline ePAT

5. There is no noticeable delay when navigating from test item/question to test item/question

6. All tools work correctly as demonstrated in the baseline ePAT

7. At submit, no error message is received

8. When hitting submit the system acceptance response is at the same speed as the baseline ePAT submit speed, with a maximum of 10 seconds