1: Conformance_Test

conformance test is a software testing technique used to certify that the software system complies with the standards and regulations as defined by specification.

conformance test is used to determine how a system under test confirms to meet the specification standard.

2: Comformance Test Includes:

1. Performance test

2. functions test

3. Robustness test

4. Interoperability test

5. Behavior of system test

3: Why do we need Conformance Testing?

1. To check for the system's requirements fulfillment.

2. To check the development, design and evaluation as per specification.

4: What do we need to test?

the standards/scope of specifications

5: when to perform Conformance Testing?

when the specification require the consistency, completeness and correction with the code.

6: How to perform Conformance Testing?

1. Analyzing requirements specification

2. Preparing test plan, selecting test tools and test suite

3. Preparing test cases and its purpose, design testing procedures

4. Create documentation for prepared test designs

5. Check necessary validations

6. Adapting relevant testing policies and certifications

7: What the purpose of The Conformance Testing?

1. ensure efficiency

2. ensure performance

3. avoid future risks for a software application

8: Advantages of Conformance Testing

1. Assure the proper implementation of specifications

2. Assures portability and interoperability

3. Provides appropriate utilization of standards

4. Make sure that interfaces and funcitons are working as expected.

9: Disadvantages of Conformance Testing

1. tested with suitable methodology

2. Categorizing specifications

3. predefining values

10: Conformance Testing Summary

1. Conformance testing used to check whether the system meet the specification requirement

2. Test tools and Test Methodology and Test program are critical for Conformance testing

3. Assuance of Standard utilization and interoperability

11: Vulkan Conformance Testing

1. Vulkan Conformance Testing ensure whether the code APIs are meet the standards

2. Vulkan Conformance Testing ensure whether the code APIs will function correctly even in the

3. Comprehensive conformance testing is required when release new features

12: Task sub-group(TSG)