

Test Environment Checklist

While setting up the test environment, the team needs to consider certain aspects. Therefore, we are listing some of these important elements and key aspects in a checklist format.

1. Hardware Requirements

- The required hardware is available with the organization?
- If not, then procure them.
- Calculate the time & cost in their procurement.
- Hardware installation.
- Test the hardware.
- Assess the need for peripheral devices.

2. Software Requirements

- Required Software is available with the organization?
- If not, then purchase them.
- Calculate the time and in their procurement.
- Install them.
- Test them.
- If the already existing software is compatible with the testing environment.

3. Data Items

- If the standard test data is available or not?
- Does the data for the test needs to be imported from the production site or needs to be created.
- If the data is required in the initial phase or may be introduced at a later stage.

4. Tools

- A test management tool, its need, and its scope in the test environment.
 - Defect Reporting Tools.
 - Debugging Tools.
 - Other necessary Testing Tools.
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5. Process

- Defining Standards.
- If the developed plans and strategies are compatible with its execution in the test environment.
- Identifying and creating the required libraries.
- Scheduling the test process, so that all the testers can perform.

6. Miscellaneous

- Is it possible to carry out isolated testing by each tester in a similar test environment?
- Feasibility study of bringing the changes in the test environment.
- Creating backups and recovery system.
- Creating the list of all the members participating in the test environment, along with their contacts.

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