**TEST ENVIRONMENT MANAGEMENT**

Setting up test environments introduces many new struggles, like how to manage all these environments.

It’s often difficult to create an exact replica of your production environment. Besides that, manually creating those environments requires a lot of time and effort from the testing engineer.

**TEST ENVIRONMENT**

A test environment is a server that allows you to run the test cases you have defined.

The test environment includes more than just setting up a server to run tests on. It also involves hardware and network configuration.

**there are four types of software development environments:**

1. Development
2. Testing
3. Staging
4. Production

**TEST BED**

A test execution environment configured for testing is known as test bed. It consists of specific hardware, operating system, network configuration, etc.

It helps to verify [test cases](https://www.softwaretestingmaterial.com/test-case-template-with-explanation/), which require a certain amount of data setup.

**TEST ENVIRONMENT MANAGEMENT TOOL’S**

**1.Apwide Golive**

### 2.Omnium Lite

### 3.ServiceNow Test Management

**Apwide Golive**

Apwide Golive is a test environment management hub that works in Jira.

This tool is an add-on that allows organizations to increase the visibility of their test environments and perform scheduling and orchestration of environments.

**Omnium Lite**

Omnium Lite describes itself as a test environment management DevSecOps toolset.

With the help of this tool, organizations can automate booking, scheduling, and requesting IT environments for development, production, and testing needs.

**ServiceNow Test Management**

ServiceNow Test Management is an application by ServiceNow that allows users to manage [manual testing](https://www.testim.io/blog/exploratory-testing-guide/) sessions.

It offers the possibility of requesting and booking test environments with the help of Orchestration, another application by ServiceNow.