

# How to Create a Test Environment

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## Projects inside DAPA

DAPA has a complete testing environment; it consists on a virtual server. This server has various virtual machines that work as application servers (databases, servlets – apache – web server and interpreters for languages). Each project inside DAPA that needs to have a test environment must send a requirement and detailed specifications of the development project.

## Technical Specifications

Each virtual machine has the following specifications:

Performance Measures	
<b>Processor</b>	2 CPUs - 64 bits
<b>Processor Speed</b>	2.2 GHz
<b>RAM Memory</b>	8 GB
<b>Storage</b>	80 GB
<b>Operative System</b>	Linux / Windows

There are two operative system options:

**Linux:** Linux Ubuntu release 12.04.

**Windows:** Windows Server 2012 R2 Standard.

## Creation Time Test Partition

Once you send the Project requirements, the creation and implementation time is 3 working days. The leader of the project will be given a *user/password* with their respective privileges for each request.

## Budget

Taking into account that this is a common resource for all projects inside DAPA, the monthly cost for a testing virtual machine will be zero.

## Support

At administrative level, includes support in the creation, implementation and development of the instance; operative system installation and updates; backups for the virtual machine.