



# AXP VM for Developer Contest

AXP Virtual Machine is a virtualized platform which can be used for getting familiarized with Application Extension Platform. This virtualized platform emulates actual hardware used in AXP. The application packaging and porting process is completely isolated from the platform being used i.e. hardware or virtualized.

## From where can I download AXP VM?

AXP VM can be downloaded using the following URL: <http://developer.cisco.com/web/axp/docs>

## What application and hardware specifications do I need to use AXP VM?

The minimum hardware requirements to use AXP VM are as follow:

- CPU of Intel Pentium 4 or above
- VmWare Player 2.0 or above
- 1Gb memory
- 5 -10 Gb of free disk space, depending upon your application.

## Which APIs does AXP VM support?

AXP VM supports the following APIs:

- IOS Information API
- AXP Information API
- AXP Trigger API
- Serial Device API
- CLI Plug-in API

## Where can I obtain information on how to configure or setup AXP VM?

AXP VM's configuration and setup is explained in AXP developer guide page 96 of 134.

## How do I obtain access to 'Linux Shell' on AXP VM?

For developer contest AXP VM is preinstalled with all applicable APIs and a sample application. The sample application only provides you with access to 'Linux shell' within your virtual instance. You can use scp utility to port applications, libraries, and other files on AXP platform to test functionality.

```
AXPVM> app-service sample_app
se-192-168-2-3(exec-sample_app)> linux shell
sh-2.05b#
```

## Do I need any certificates / authorization file to port applications on AXP VM?

Yes and no. Ideally you are required to obtain certificates from Cisco to package an application before installing it on AXP. However the AXP VM uploaded on the developer.cisco.com website already has an application installed viz. 'Sample\_app' which provides you with 'Shell' access hence you can use scp utility to port (copy the files from your development workstation) your solution on AXP and bypass packaging process.