

To package your applications on Cisco AXP, first prepare the directory structure in your development machine.

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Preparing the Development Machine

The environment used in the following examples is a CentOS 5.2 Linux build. First set up four basic directory structures such as those shown below:

Example:

Directory structure

```
opt/  
  /axp-sdk.1.6.1/  
    /keys  
  /tcpdump  
    /third_party_rpms_repository  
  /output
```

Directories used in the examples are shown in: [Table: Directory Structure in Examples](#)

Table: Directory Structure in Examples

Directory Name	Contains	Example
sdk-directory	Unpacked Cisco AXP SDK files.	/opt/axp-sdk.1.6.1/
source-directory	Application source files and RPMs.	/opt/tcpdump/
keys-directory	Development authorization bundle, development certification, and private key.	/opt/axp-sdk.1.6.1/keys/
project-directory	Packaged files for installation on the Cisco AXP service module.	/opt/output/

Preparing the Cisco AXP SDK

[Application Extension Platform 1.x -- Preparing the Cisco AXP SDK](#)

Preparing an Application with RPMs

[Application Extension Platform 1.x -- Preparing an Application with RPMs using Predefined RPM Directory](#)

Enabling the Linux Shell in a Virtual Instance

[Application Extension Platform 1.x -- Enabling the Linux Shell in a Virtual Instance](#)

Packaging an Application Using the SDK

[Application Extension Platform 1.x -- Packaging an Application using the SDK](#)

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