









- >  T1037.001
- >  T1037.002
- >  T1037.004
- >  T1037.005
- >  T1039
- >  T1040

## Atomic Test #1 - Linux - Load Kernel Module via insmod

This test uses the insmod command to load a kernel module for Linux.

**Supported Platforms:** Linux

**auto\_generated\_guid:** 687dcb93-9656-4853-9c36-9977315e9d23

**Inputs:**

Name	Description	Type	Default Value
module_name	Name of the kernel module name.	String	T1547006
module_path	Folder used to store the module.	Path	/tmp/T1547.006/T1547006.ko
temp_folder	Temp folder used to compile the code.	Path	/tmp/T1547.006
module_source_path	Path to download Gsecdump binary file	Url	PathToAtomicsFolder/T1547.006/src

**Attack Commands:** Run with **bash** ! Elevation Required (e.g. root or admin)

```
sudo insmod #{module_path}
```



**Cleanup Commands:**

```
sudo rmmod #{module_name}
[ -f #{temp_folder}/safe_to_delete ] && rm -rf #{temp_folder}
```



**Dependencies:** Run with **bash** !

**Description:** The kernel module must exist on disk at specified location

**Check Prereq Commands:**

```
if [ -f #{module_path} ]; then exit 0; else exit 1; fi;
```



**Get Prereq Commands:**

```
if [ ! -d #{temp_folder} ]; then mkdir #{temp_folder}; touch #{temp_fold
cp #{module_source_path}/* #{temp_folder}/
cd #{temp_folder}; make
if [ ! -f #{module_path} ]; then mv #{temp_folder}/#{module_name}.ko #{m
```

