# TTP Detail – T1053.001

## TTP Information

Name: At (Linux)

Description: Adversaries may abuse the [at](https://attack.mitre.org/software/S0110) utility to perform task scheduling for initial, recurring, or future execution of malicious code. The [at](https://attack.mitre.org/software/S0110) command within Linux operating systems enables administrators to schedule tasks.(Citation: Kifarunix - Task Scheduling in Linux)  
  
An adversary may use [at](https://attack.mitre.org/software/S0110) in Linux environments to execute programs at system startup or on a scheduled basis for persistence. [at](https://attack.mitre.org/software/S0110) can also be abused to conduct remote Execution as part of Lateral Movement and or to run a process under the context of a specified account.  
  
Adversaries may also abuse [at](https://attack.mitre.org/software/S0110) to break out of restricted environments by using a task to spawn an interactive system shell or to run system commands. Similarly, [at](https://attack.mitre.org/software/S0110) may also be used for [Privilege Escalation](https://attack.mitre.org/tactics/TA0004) if the binary is allowed to run as superuser via <code>sudo</code>.(Citation: GTFObins at)

## Threat-Mapped Scoring

Score: 1.8

Priority: P4 - Informational (Low)

## Kill Chain Phases

**•** mitre-attack: execution

**•** mitre-attack: persistence

**•** mitre-attack: privilege-escalation