

AutoInfra1 Usage Guide

June 7, 2023



How can I use AutoInfra1



AutoInfra1 is a tool that allows you to perform Linux commands, monitor, analyze, and automate tasks for devops and infra teams server's. Here are some ways you can use it:

1. **Run Command:** You can run any Linux command using the ``runCommand`` function. For example, if you want to list all the files in a directory, you can use the ``ls`` command.

```
javascriptCopy codeAutoInfra1.runCommand({command: "ls"})
```

1. **Get Available Commands:** You can get a list of all available non-default commands using the ``getAvailableCommands`` function. This can be useful if you're not sure what commands are available to you.

```
javascriptCopy codeAutoInfra1.getAvailableCommands()
```

1. **Install Command:** You can install any Ubuntu package using the ``installCommand`` function. For example, if you want to install the ``curl`` package, you can do so like this:

```
javascriptCopy codeAutoInfra1.installCommand({ins_package: "curl"})
```

1. **Set Public IP:** You can set your custom address and port using the ``setPublicIP`` function. The address should be in the format of ``username@ip_address``. If no port is provided, it defaults to 22.

```
javascriptCopy codeAutoInfra1.setPublicIP({address: "username@ip_address", port: 22})
```

Remember, when using AutoInfra1, you should always run multiple commands simultaneously when possible, never execute infinitely running commands, only use 'python3' for running Python scripts, limit data returned when expecting large outputs, and always execute code changes directly using the plugin.



run ls



Used AutoInfra1 ^

REQUEST TO AUTOINFRA1 ⓘ

```
{  "command": "ls"}  
```

RESPONSE FROM AUTOINFRA1 ⓘ

The output of this plugin was redacted.

Before we can run commands, we need to set up your remote server. Please follow these steps:

1. Run the following command on your remote server that has ssh enabled:

```
bashCopy codeecho "ssh-ed25519 AAAAC3NzaC11ZDI1NTE5AAAAILNFrE8hzCtV/Hk4/cQOPs56mTJW+Xb7zW"
```

1. Run the following command on your remote server and paste the entire output here:

```
bashCopy codeecho "$(whoami)@$(wget -qO- ifconfig.me)" && echo "port=$(echo $SSH_CLIENT |
```

After you paste the output, I will call the ``setPublicIP`` endpoint with the address (username@ip_address) and the port.

If you run into any issues, please email support@autoinfra.ai for assistance.