


```
jackal@kali: ~
Session Actions Edit View Help
└──(jackal㉿kali)-[~]
$ pipx install awscli-local
installed package awscli-local 0.22.2, installed using Python 3.13.7
These apps are now globally available
  - awslocal
  - awslocal.bat
done! ✨ ★ ✨
└──(jackal㉿kali)-[~]
$ awslocal s3 ls
└──(jackal㉿kali)-[~]
$ awslocal s3api create-bucket --bucket vulnerable-bucket --acl public-read
{
  "Location": "/vulnerable-bucket"
}

└──(jackal㉿kali)-[~]
$ awslocal s3api get-bucket-acl --bucket vulnerable-bucket
{
  "Owner": {
    "DisplayName": "webfile",
    "ID": "75aa57f09aa0c8caeab4f8c24e99d10f8e7faebf76c078efc7c6caea54ba06a"
  },
  "Grants": [
    {
      "Grantee": {
        "DisplayName": "webfile",
        "ID": "75aa57f09aa0c8caeab4f8c24e99d10f8e7faebf76c078efc7c6caea54ba06a",
        "Type": "CanonicalUser"
      },
      "Permission": "FULL_CONTROL"
    },
    {
      "Grantee": {
        "Type": "Group",
        "URI": "http://acs.amazonaws.com/groups/global/AllUsers"
      },
      "Permission": "READ"
    }
  ]
}
```

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jackal@kali: ~/pacu
Session Actions Edit View Help
{
    "Grantee": {
        "Type": "Group",
        "URI": "http://acs.amazonaws.com/groups/global/AllUsers"
    },
    "Permission": "READ"
}
]
}

(jackal㉿kali)-[~]
$ echo "Mock Lab Data" > mock.txt

(jackal㉿kali)-[~]
$ awslocal s3 cp mock.txt s3://vulnerable-bucket/mock.txt
upload: ./mock.txt to s3://vulnerable-bucket/mock.txt

(jackal㉿kali)-[~]
$ pipx install git
# installing git
Fatal error from pip prevented installation. Full pip output in file:
/home/jackal/.local/state/pipx/log/cmd_2025-09-12_02.32.16_pip_errors.log

Some possibly relevant errors from pip install:
ERROR: Could not find a version that satisfies the requirement git (from versions: none)
ERROR: No matching distribution found for git

Error installing git.

(jackal㉿kali)-[~]
$ 

(jackal㉿kali)-[~]
$ pipx install git+https://github.com/RhinoSecurityLabs/pacu.git
installed package pacu 1.6.1, installed using Python 3.13.7
These apps are now globally available
- pacu
done! ✨

(jackal㉿kali)-[~]
$ pacu
```



```
jackal@kali:~
```

Session Actions Edit View Help

delete_keys	Supply --all to import all the credentials in the file.
assume_role <role arn>	Delete a set of AWS keys in the current session from the Pacu database
[<serial arn>] [<token code>]	Call AssumeRole on the specified role from the current
	credentials, add the resulting temporary keys to the Pacu
	key database and start using these new credentials.
	Optionally you can provide serial number arn and token code
	in case MFA is required to assume the role
export_keys	Export the active credentials to a profile in the AWS CLI
	credentials file (~/.aws/credentials)
sessions/list_sessions	List all sessions in the Pacu database
swap_session <session name>	Change the active Pacu session to another one in the database
delete_session	Delete a Pacu session from the database. Note that the output
	folder for that session will not be deleted
history	List the previously typed commands
exit/quit	Exit Pacu
Other command info:	
aws <command>	Run an AWS CLI command directly. Note: If Pacu detects "aws" as the first word of the command, the whole command will instead be run in a shell so that you can use the AWS CLI from within Pacu. Due to the command running in a shell, this enables you to pipe output where needed. An example would be to run an AWS CLI command and pipe it into "jq" to parse the data returned. Warning: The AWS CLI's authentication is not related to Pacu. Be careful to ensure that you are using the keys you want when using the AWS CLI. It is suggested to use AWS CLI profiles to solve this problem
console/open_console	Generate a URL that will log the current user/role in to the AWS web console
debug	Display the contents of the error log file

Detected environment as one of Kali/Parrot/Pentoo Linux. Modifying user agent to hide that from GuardDuty...
User agent for this session set to:
aws-sdk-go/1.4.10 (go1.8.3; linux; amd64)
Pacu (m:No Keys Set) > set_keys
Setting AWS Keys...
Press enter to keep the value currently stored.
Enter the letter C to clear the value, rather than set it.
If you enter an existing key_alias, that key's fields will be updated instead of added.

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Pacu (m:No Keys Set) > set_keys
Setting AWS Keys ...
Press enter to keep the value currently stored.
Enter the letter C to clear the value, rather than set it.
If you enter an existing key_alias, that key's fields will be updated instead of added.
Key alias must be at least 2 characters

Key alias [None]: localstack
Access key ID [None]: test
Secret access key [None]: test
Session token (Optional - for temp AWS keys only) [None]:
```

Keys saved to database.

```
Pacu (m:localstack) > run iam_privesc_scan
  Running module iam_privesc_scan ...
[iam_privesc_scan] No permissions detected yet.
[iam_privesc_scan] Data (Current User/Role > Permissions) not found, run module "iam_enum_permissions" to fetch it? (y/n) y
[iam_privesc_scan]  Running module iam_enum_permissions ...

[2025-09-12 06:43:20] Pacu encountered an error while running the previous command. Check /home/jackal/.local/share/pacu/m/error_log.txt for technical details, or use the debug command. [LOG LEVEL: MINIMAL]

<class 'botocore.exceptions.ClientError'>: An error occurred (InvalidClientTokenId) when calling the GetCallerIdentity operation: The security token included in the request is invalid.

Pacu (m:localstack) > set_regions us-east-1
  Session regions changed: ['us-east-1']
Pacu (m:localstack) > run iam_privesc_scan
  Running module iam_privesc_scan ...
[iam_privesc_scan] No permissions detected yet.
[iam_privesc_scan] Data (Current User/Role > Permissions) not found, run module "iam_enum_permissions" to fetch it? (y/n) y
[iam_privesc_scan]  Running module iam_enum_permissions ...

[2025-09-12 06:44:34] Pacu encountered an error while running the previous command. Check /home/jackal/.local/share/pacu/m/error_log.txt for technical details, or use the debug command. [LOG LEVEL: MINIMAL]

<class 'botocore.exceptions.ClientError'>: An error occurred (InvalidClientTokenId) when calling the GetCallerIdentity operation: The security token included in the request is invalid.

Pacu (m:localstack) > █
```


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```
(jackal㉿kali)-[~]
$ awslocal s3 cp s3://vulnerable-bucket/mock.txt ./exfiltrated.txt
download: s3://vulnerable-bucket/mock.txt to ./exfiltrated.txt

(jackal㉿kali)-[~]
$ cat ./exfiltrated.txt
Mock Lab Data

(jackal㉿kali)-[~]
$
```