

Package ‘aws.ec2metadata’

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Type Package

Title Get EC2 Instance Metadata

Version 0.1.5

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Description Retrieve Amazon EC2 instance metadata from within the running instance.

License GPL (>= 2)

URL <https://github.com/cloudyr/aws.ec2metadata>

BugReports <https://github.com/cloudyr/aws.ec2metadata/issues>

Imports curl, jsonlite

RoxygenNote 6.0.1

NeedsCompilation no

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R topics documented:

aws.ec2metadata-package 2

Index 4

aws.ec2metadata-package

Get EC2 Instance Metadata

Description

Retrieve EC2 instance metadata from the instance

Usage

`is_ec2()`

`instance_document()`

`metadata`

`is_ecs()`

`ecs_metadata()`

Format

An object of class `list` of length 25.

Details

`is_ec2` returns a logical for whether the current R session appears to be running in an EC2 instance.

`instance_document` returns a list containing values from the **Instance Identity Document**, including the instance ID, AMI ID, region, availability zone, etc.

`metadata` is a list of functions to return various metadata values for the currently running EC2 instance. These are only meant to be called from an EC2 instance; no guarantees are made about behavior on other platforms. Two functions: `versions()` and `meta_data_items()` return the versions of the metadata, and the set of top-level metadata items, respectively.

The function `item()` retrieves a particular metadata item specified by its full path.

The remaining functions in the list are aliases for potentially commonly needed metadata items.

Value

`is_ec2` returns a logical. Generally, all other functions will return a character string containing the requested information, otherwise a NULL if the response is empty. The `iam_role()` function returns a list. An error will occur if, for some reason, the request otherwise fails.

Author(s)

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References

[Metadata Documentation](#)

Examples

```
names(metadata)

## Not run:
if (is_ec2()) {
  metadata$versions()
  metadata$items()

  # get instance id
  metadata$instance_id()
  # get ami id
  metadata$ami_id()

  # get IAM role (NULL if none specified)
  metadata$iam_info()
  metadata$iam_role("myrole")

  # get an arbitrary metadata item
  metadata$item("meta-data/placement/availability-zone")

  # get region from instance identity document
  instance_document()$region
}

# Can also get ECS container metadata
if (is_ecs()) {
  # Get ECS role credentials
  ecs_metadata()
}

## End(Not run)
```

Index

*Topic **datasets**

aws.ec2metadata-package, [2](#)

*Topic **package**

aws.ec2metadata-package, [2](#)

aws.ec2metadata

(aws.ec2metadata-package), [2](#)

aws.ec2metadata-package, [2](#)

ecs_metadata (aws.ec2metadata-package),

[2](#)

instance_document

(aws.ec2metadata-package), [2](#)

is_ec2 (aws.ec2metadata-package), [2](#)

is_ecs (aws.ec2metadata-package), [2](#)

metadata (aws.ec2metadata-package), [2](#)