

Please implement a tool which prints potential savings for the running on-demand EC2 instances. This tool has to find all running on-demand EC2 instances in Ohio (us-east-2) AWS region, discover average spot price for the corresponding instance type for the last 7 days and print the report.

On-demand prices can be hardcoded. For simplicity we'll use only:

- Instance types: t2.nano, t2.micro, t3.nano, t3.micro
- Platforms: Linux, SUSE, Windows

Access credentials:

AWS_ACCESS_KEY_ID: AKIA3JEPUCUCPFLEE324

AWS_SECRET_ACCESS_KEY: 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

The code can be written in:

- Python
- Ruby
- Golang

Output:

Print table with the information for each running EC2 instance:

- EC2 instance name
- EC2 instance type
- EC2 instance AZ
- Platform details
- on-demand price
- average spot price for the last 7 days
- price difference

Here's an example of the expected report:

Name	InstanceType	AZ	PlatformDet	PriceOD	PriceSpot	PriceDiff
mt7394b5hk-1	t3.nano	us-east-2b	Windows	0.0098	0.0062	0.0036
mt7394b5hk-2	t3.nano	us-east-2b	Linux/UNIX	0.0052	0.0017	0.0035
mt7394b5hk-3	t3.micro	us-east-2c	SUSE Linux	0.0104	0.0031	0.0073