



AWS
re:Invent

C M P 4 2 2

Leveraging native AWS Cost Management suite to optimize costs

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Agenda

AWS Cost Explorer (UI & API): Overview & demo

Resource recommendations (UI & API): Overview & demo

Savings Plans console/recommendations/reporting: Overview & demo

Next steps

Questions

Cost Explorer and resource recommendations

Cost Explorer

- Understand your costs and identify cost drivers

- Identify what you spend and where to investigate optimization opportunities

Resource recommendations

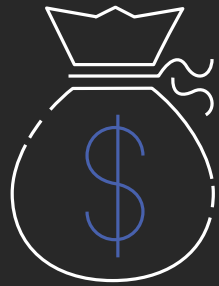
- Customized recommendations to downsize or terminate your EC2 instances

- Know what is idle or overprovisioned and what you can do about it

- Understand your savings opportunities and how your Reserved Instances and Savings Plans affect those savings

Demo

Savings Plans overview



What is it?

A new flexible pricing model which helps you save up to 72% on Amazon EC2 and AWS Fargate usage. Customers simply commit to a consistent amount of usage (e.g., \$10/hour) over 1 or 3 years, and in exchange receive a discount for that usage.



How does it work?

Every type of compute usage has an On-Demand rate and a Savings Plans rate. If a customer commits to \$10/hour of compute usage, then they will get Savings Plans rates on all usage up to \$10.

Any usage beyond the commitment will be charged at regular On-Demand rates.

Types of Savings Plans



Compute Savings Plans

Offer the greatest flexibility, up to 66% discounts (same discounts as Convertible RIs)

FLEXIBLE ACROSS

- ✓ Instance family: e.g., move from C5 to M5
- ✓ Region: e.g., change from EU (Ireland) to EU (London)
- ✓ OS: e.g., Windows to Linux
- ✓ Tenancy: e.g., switch dedicated tenancy to default tenancy
- ✓ Compute options: e.g., move from Amazon EC2 to Fargate



EC2 instance Savings Plans

Provide the deepest discounts, up to 72% (same as Standard RIs) on the selected instance family (e.g., C5 or M5), in a specific AWS Region

FLEXIBLE ACROSS

- ✓ Size: e.g., move from m5.xl to m5.4xl
- ✓ OS: e.g., change from m5.xl Windows to m5.xl Linux
- ✓ Tenancy: e.g., modify m5.xl dedicated to m5.xl default tenancy

Managing your Savings Plans

Comprehensive management through Cost Explorer

Comprehensive tools to purchase, manage, and report

Recommendations and purchasing

Customized recommendations based on your past usage

Purchase recommended plans or define your own commitment terms and purchase

Inventory and performance reporting

Leveraging utilization and coverage reports to understand your savings and opportunities

Demo

Next steps for cost management and optimization

AWS Cost and Usage report (CUR)/Amazon Athena

Use the most granular report available for details, cost and usage queries, and chargebacks

How to get started: [AWS Well-Architected Labs](#)

AWS Budgets

Set up your AWS Budgets to proactively track costs and prevent overruns

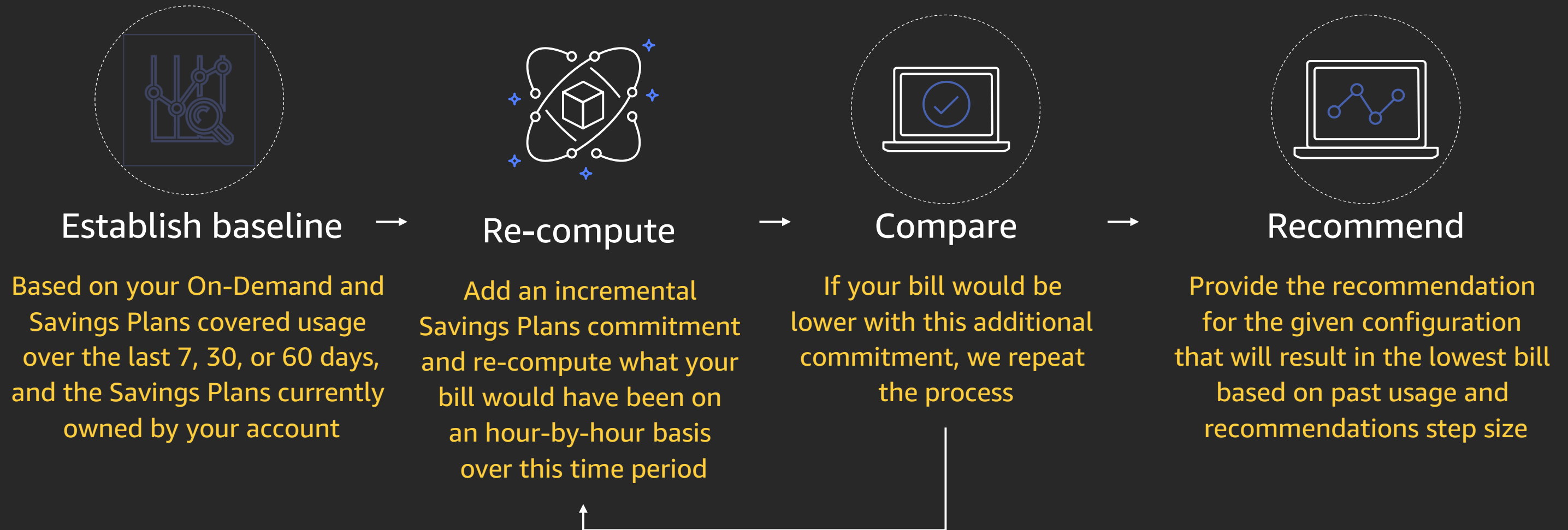
Questions?

Thank you!



Please complete the session
survey in the mobile app.

How Savings Plans recommendations work



AWS Savings Plans recommendations include account affinity and Savings Plans application order