

1. AWS 기본 트래픽 요금 정책

- AWS에서 인터넷으로 데이터 전달은 월 100GB 무료(EC2, S3, ELB 등)
- 인터넷에서 AWS로 들어오는 트래픽은 언제나 무료

2. AWS 프리티어

3가지 오퍼 유형

현재 AWS 프리 티어에서 사용할 수 있는 AWS 제품은 100개가 넘습니다. 사용하는 제품에 따라 세 가지 유형의 무료 오퍼가 제공됩니다. 아래 아이콘을 클릭하여 오퍼를 살펴보세요.

무료 평가판



[클릭하여 자세히 알아보기](#)

12개월 무료



[클릭하여 자세히 알아보기](#)

언제나 무료



[클릭하여 자세히 알아보기](#)

2-1. 항상 무료

언제나 월별 일정 사용량은 무료

- 예: AWS Lambda 월 100만 요청 무료
- 예: Amazon CloudFront 월 1TB 트래픽 무료, HTTP/HTTPS 천만건, CloudFront 함수 200만건 무료
- 예: Amazon DynamoDB(NoSQL DB 서비스) 월 25GB 저장공간, 월별 2억개 처리 용량 무료

2-2. 12개월 무료

AWS 계정 생성 후 12개월동안만 적용되는 혜택

- 예: Amazon EC2 t3/t2.micro 월 750시간 무료
- 예: Amazon RDS t2/t3/t4g.micro 월 750시간 무료

2-3. 무료평가

사용을 시작한 후 일정 기간 혹은 일정 사용량 사용 이후부터 요금을 청구하는 방식

- Amazon QuickSight(AWS BI 시각화 툴): 처음 30일 무료
- Amazon Lightsail(AWS의 컴퓨팅 파워를 쉽고 빠르게 프로비전): 처음 3개월, 월 750시간 무료
- Amazon Chime(AWS의 커뮤니케이션 툴): 30일 동안 PRO 티어 무료

2-4. 프리티어 현재 사용량 확인 방법

The screenshot shows the AWS IAM console interface. The left sidebar contains the 'Billing and Cost Management' menu, with 'Free Tier' highlighted. The main content area displays 'AWS Free Tier (1) Information'. The right-hand navigation pane shows 'Payment and Billing Management' highlighted. A table lists the usage limits for Amazon Elastic Compute Cloud.

서비스	AWS 프리 티어 사용량 제한	현재 사용량	예상 사용량
Amazon Elastic Compute Cloud	1.0 GB-mo for free for 12 months as part of AWS Free Usage Tier (Global-EBS:SnapshotUsage)	1 GB-mo	6 GB-mo

3. AWS 비용

- AWS 요금은 수도세나 전기세와 같은 공과금을 납부하는 방식과 비슷합니다.
- 사용한 서비스에 대한 요금만 지불하고 사용을 중단하더라도 추가 비용이나 종료 비용이 없습니다.
- AWS 기본 트래픽 요금 정책
 - AWS에서 인터넷으로 데이터 전달은 월 100GB 무료(EC2, S3, ELB 등)
 - 인터넷에서 AWS로 들어오는 트래픽은 언제나 무료

AWS 비용 확인 방법

The screenshot displays the AWS Billing and Cost Management console. The left sidebar shows the navigation menu with 'Billing and Payments' selected, and 'Bills' highlighted. The main content area shows the 'AWS bill summary' for the billing period of December 1 - December 31, 2023. The bill status is 'Issued' on 01/03/2024. The service provider is 'Amazon Web Services Korea LLC' and the total in USD is 'USD 9.19'. The grand total is also 'USD 9.19'. Red boxes and arrows highlight the 'Bills' link in the sidebar, the 'Bills' link in the top navigation bar, the 'AWS bill summary' section, and the 'Sign out' button.

Billing and Cost Management

Home [New](#)

Getting Started [New](#)

Billing and Payments

Bills

Payments

Credits

Purchase Orders

Cost Analysis

Cost Explorer [New](#)

Cost Explorer Saved Reports

Cost Anomaly Detection

Free Tier

[Billing and Cost Management](#) > Bills

Bills [Info](#)

[Download all to CSV](#) [Print](#) [Billing period](#)

Page refresh time: Saturday, January 6, 2024 at 2:58:40 PM GMT+9

AWS bill summary [Info](#)

Total charges and payment information

Account ID	Billing period Info	Bill status Info
[REDACTED]	December 1 - December 31, 2023	✓ Issued 01/03/2024
Service provider		Total in USD
Amazon Web Services Korea LLC		USD 9.19
Grand total:		USD 9.19

[Sign out](#)

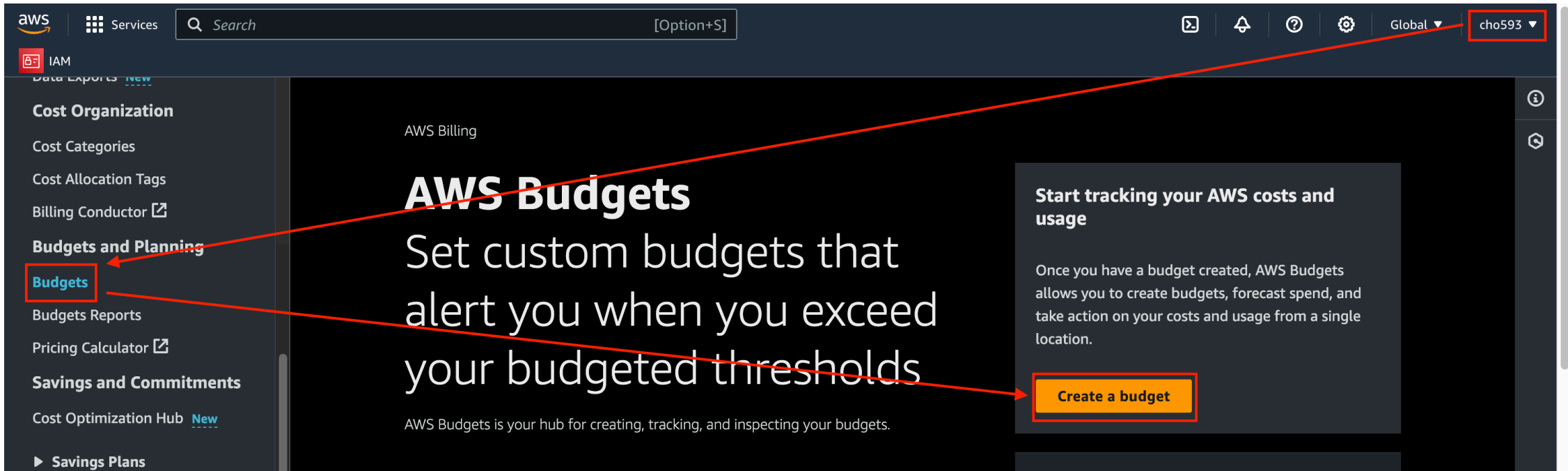
4. AWS Budgets

- AWS에서 발생한 비용과 사용량을 추적하고 대응하는 서비스
- 사용자가 지정한 비용 이상으로 비용이 발생시 대응 가능
 - SNS수신 가능 = Lambda를 활용해 다양한 대응 가능
- 태그별 보고서 작성 가능

AWS Budgets 설정하기

- AWS 계정을 바로 생성한 경우에는 사용이 불가(다음날 시도!!)

단계 1: Root 계정 접속 > Create budget



단계 2: Templates > Monthly cost budget

Templates - *new*

Choose a template that best matches your use case.

☐ **Zero spend budget**

Create a budget that notifies you once your spending exceeds \$0.01 which is above the AWS Free Tier limits.

☒ **Monthly cost budget**

Create a monthly budget that notifies you if you exceed, or are forecasted to exceed, the budget amount.

☐ **Daily Savings Plans coverage budget**

Create a coverage budget for your Savings Plans that notifies you when you fall below the defined target.

☐ **Daily reservation utilization budget**

Create a utilization budget for your reservations that notifies you when you fall below the defined target.

단계 3: Monthly cost budget 설정

- Budget name: 생성할 Budget명
- Enter your budgeted amount: 월 설정 금액
- Email recipients: 알람받을 이메일 주소

Budget name
Provide a descriptive name for this budget.

My Monthly Cost Budget

Names must be between 1-100 characters.

Enter your budgeted amount (\$)
Last month's cost: \$0.12

50.00

Email recipients
Specify the email recipients you want to notify when the threshold has exceeded.

goodwon593@gmail.com

Maximum number of email recipients is 10.

Scope
All AWS services are in scope in this budget.

Information You will be notified when 1) your **actual spend** reaches 85% 2) your **actual spend** reaches 100% 3) if your **forecasted spend** is expected to reach 100%.

▼ Template settings
This template has default configurations that can be changed later. To change any of these settings, see [Custom](#). You can also download this template in [JSON](#).

Cancel **Create budget**

단계 4: 생성된 Budget 확인

Budgets and Planning

- Budgets**
- Budgets Reports
- Pricing Calculator

Savings and Commitments

- Cost Optimization Hub
- Savings Plans
- Reservations

Preferences and Settings

- Payment Preferences
- Billing Preferences
- Cost Management Preferences

Overview

Billing and Cost Management > Budgets > Overview

Budgets (1/1)

Download CSV Actions Create budget

Find a budget Type - Show all budgets

<input checked="" type="checkbox"/>	Name	Thresholds	Budget
<input checked="" type="checkbox"/>	My Monthly Cost Budget	OK	\$50.00

Budget preview

My Monthly Cost Budget

Monthly budget

Cost (\$)

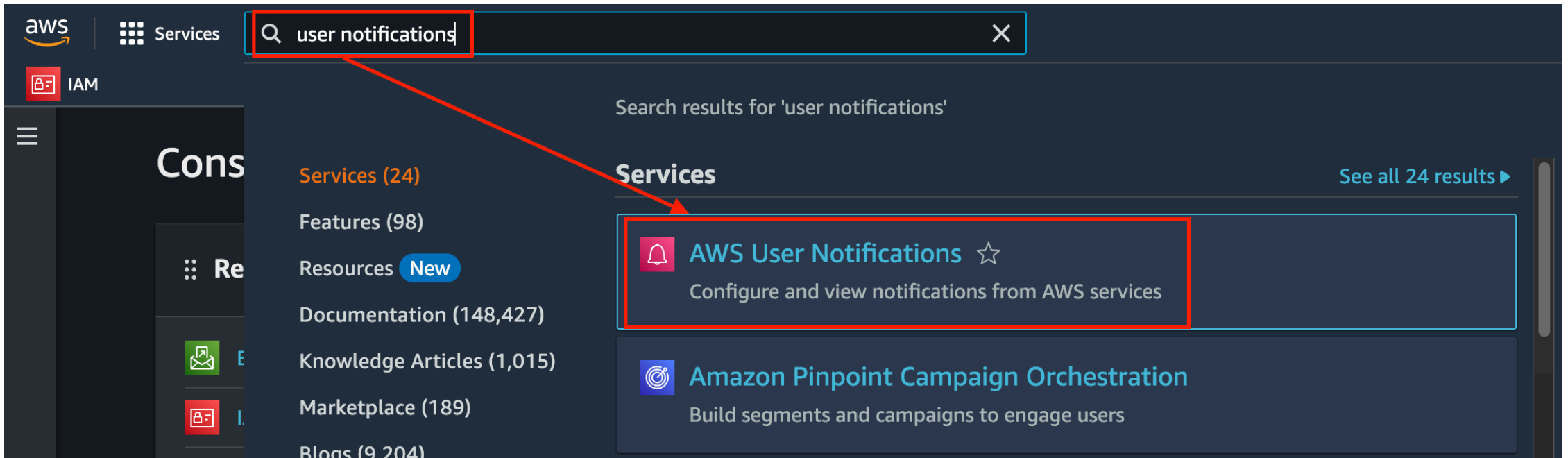
Budget month

Actual cost Budget Actual cost > 100% Actual cost > 85%

5. AWS User Notification

- AWS의 각 서비스의 다양한 이벤트의 알림을 받아볼 수 있는 서비스
 - 예: EC2 인스턴스의 상태 변경
 - 예: RDS의 파라미터 그룹 변경
- 3가지 채널로 알람 가능
 - Email, Mobile Device(AWS Console App), AWS Chatbot(Slack)

단계 1: AWS User Notifications 접속



단계 2: Delivery Channels > add emails

AWS User Notifications ×

Notification center

Notification configurations

Delivery channels

Notification hubs

AWS Health Dashboard ↗

[Notification center](#) > Delivery channels

Delivery channels

Notifications can be sent to emails, mobile devices, and chat channels. You will still be able to see notifications in the notification center if you do not add delivery channels. [Learn more](#) ↗

Emails Mobile devices Chat channels

Emails (0) Delete Resend verification **Add emails**

🔍 Search emails by name or endpoint < 1 > ⚙️

☐	Name ▲	Endpoint ▼	Verification status ▼
No email channels			
Add email channels to deliver notifications to addresses you choose.			

- 알람을 받을 이메일 주소 추가하기

Emails

You will be able to assign your email contact information as a delivery channel for your notification configurations. If you don't see a verification email, check your spam or junk folders and mark AWS as a trusted sender to ensure future delivery.

Recipient	Name
<input type="text" value="goodwon593@gmail.com"/>	<input type="text" value="Merlin Cho"/> <small>Up to 64 characters</small>

Add another recipient

You can add up to 99 more items.

► Manage tags - *optional*

A tag is a custom label that you assign to an AWS resource. You can use tags to help organize and identify your instances. We strongly recommend that you never put confidential or sensitive information in tags.

Cancel

Add emails

- 등록된 이메일 주소 확인 전

Notification configurations

Delivery channels

Notification hubs

AWS Health Dashboard

see notifications in the notification center if you do not add delivery channels. [Learn more](#)

Emails

Mobile devices

Chat channels

Emails (1)

Search emails by name or endpoint

<input type="checkbox"/>	Name	Endpoint
<input type="checkbox"/>	Merlin Cho	goodwon593@gmail.com

Email not verified

If you don't see a verification email, check your spam or junk folders and mark AWS as a trusted sender to ensure future delivery.

Pending

- 등록된 이메일 주소 확인 후

The screenshot shows the AWS User Notifications console. The left sidebar contains the following links: AWS User Notifications, Notification center, Notification configurations, Notification hubs, AWS managed notifications subscriptions (with a 'New' link), Delivery channels (highlighted), and AWS Health Dashboard. The main content area is titled 'Delivery channels' and includes a sub-header: 'Notifications can be sent to emails, mobile devices, and chat channels. You will still be able to see notifications in the notification center if you do not add delivery channels. [Learn more](#)'. Below this, there are three tabs: 'Emails' (selected), 'Mobile devices', and 'Chat channels'. The 'Emails' tab shows a table with one entry. The table has columns for 'Name', 'Endpoint', and 'Verification status'. The entry is 'Merlin Cho' with endpoint 'goodwon593@gmail.com' and status 'Active'. The 'Active' status is highlighted with a red box. Above the table, there are buttons for 'Delete', 'Resend verification', and 'Add emails'. A search bar is also present above the table.

Name	Endpoint	Verification status
Merlin Cho	goodwon593@gmail.com	Active