

SAMPLE REPORT

# Cloudshipped Cost Audit for AWS

Findings and implementation roadmap for Globex Corporation

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Prepared for      | Hank Scorpio, VP Engineering · Globex Corporation |
| Prepared by       | Seth Gustafson · Cloudshipped Tech LLC            |
| Accounts reviewed | 3456-7890-1234 (prod), 4567-8901-2345 (dev)       |
| Period analyzed   | July 1 – September 30, 2026 (92 days)             |
| Delivered         | October 14, 2026                                  |

## Executive summary

Five changes would cut Globex's AWS bill by about 10% without changing how the product works.

|                       |                         |                         |                           |
|-----------------------|-------------------------|-------------------------|---------------------------|
| <b>\$30,000</b>       | <b>\$3,087</b>          | <b>\$37,044</b>         | <b>10.3%</b>              |
| Current monthly spend | Savings identified / mo | Est. annualized savings | Reduction in monthly bill |

| Top three actions                                                                       | Ranked by savings per unit of effort |
|-----------------------------------------------------------------------------------------|--------------------------------------|
| <b>NAT Gateway traffic to S3</b><br>Finding 1 · Effort: Low · Risk: Low · No downtime   | \$675/mo                             |
| <b>Oversized database</b><br>Finding 3 · Effort: Medium · Risk: Medium · No downtime    | \$511/mo                             |
| <b>Savings Plan coverage gap</b><br>Finding 5 · Effort: Medium · Risk: Medium · Do last | \$900/mo                             |

| Savings guarantee result | Threshold met               |
|--------------------------|-----------------------------|
| Refund if under          | \$36,000 (10% of \$360,000) |
| Identified               | <b>\$37,044</b> annualized  |
| Result                   | Met. No refund due.         |

### What this needs from you

- Approve the Phase 1 changes (page 10)
- One reviewer for Terraform PRs

## Current Spend Summary

Average monthly spend over the 92-day period, by service. Services with findings in this report are highlighted.

| Monthly spend by service |                        | 92-day average |
|--------------------------|------------------------|----------------|
| EC2                      | <div><div></div></div> | \$14,000       |
| RDS                      | <div><div></div></div> | \$6,000        |
| NAT Gateway              | <div><div></div></div> | \$3,000        |
| S3                       | <div><div></div></div> | \$2,500        |
| CloudWatch               | <div><div></div></div> | \$1,500        |
| Other (11 services)      | <div><div></div></div> | \$3,000        |
| Total                    |                        | \$30,000/mo    |

| Current commitment coverage |                         |
|-----------------------------|-------------------------|
| Savings Plans               | 10% of eligible compute |
| Reserved Instances          | None active             |
| Expiring in 90 days         | None                    |

| 3-month trend |  | Average \$29,800         |
|---------------|--|--------------------------|
| July          |  | \$29,000                 |
| August        |  | \$29,800                 |
| September     |  | \$30,600 (+5.5% vs July) |

## Prioritized Findings (Quick Wins)

Quick wins first, then rightsizing. The Savings Plan comes last on purpose: we wait to buy a commitment until the waste is gone, so you never lock it in.

| All findings                   |                                                                                          | Est. monthly savings |
|--------------------------------|------------------------------------------------------------------------------------------|----------------------|
| 1                              | <b>NAT Gateway traffic to S3</b><br>Effort: Low · Risk: Low · VPC · Page 5               | \$675/mo             |
| 2                              | <b>Log groups with no retention</b><br>Effort: Low · Risk: Low · CloudWatch · Page 6     | \$240/mo             |
| 3                              | <b>Oversized database</b><br>Effort: Medium · Risk: Medium · RDS · Page 7                | \$511/mo             |
| 4                              | <b>Under-packed EKS nodes</b><br>Effort: Medium · Risk: Medium · EC2 / EKS · Page 8      | \$761/mo             |
| 5                              | <b>Savings Plan coverage gap</b><br>Effort: Medium · Risk: Medium · Commitments · Page 9 | \$900/mo             |
| <b>Est. annualized savings</b> |                                                                                          | <b>\$37,044</b>      |

**FINDING 1 OF 5**

## NAT Gateway traffic to S3

Most NAT traffic is going to S3, which a free gateway endpoint can carry instead.

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| Evidence           | 22 TB per month through NAT, 15 TB of it to S3 (VPC Flow Logs, 90 days) |
| Why it costs money | NAT gateways charge \$0.045 per GB processed.                           |
| Effort · Risk      | Low · Low. Additive change, no downtime.                                |

### Savings calculation

|                                               |       |
|-----------------------------------------------|-------|
| NAT processing avoided<br>15,000 GB × \$0.045 | \$675 |
|-----------------------------------------------|-------|

|                            |              |
|----------------------------|--------------|
| <b>Net monthly savings</b> | <b>\$675</b> |
|----------------------------|--------------|

### How we'll implement it

1. Give your private network a direct, free path to S3
2. Confirm the NAT charges drop within a day

Rollback: Remove the endpoint; traffic falls back to NAT.

**FINDING 2 OF 5**

## Log groups with no retention

Log groups keep every event forever. A 30-day retention removes storage nobody reads.

|               |                                            |
|---------------|--------------------------------------------|
| Evidence      | 9 TB stored, most of it older than 30 days |
| Effort · Risk | Low · Low. Reversible.                     |

| Savings calculation        |              | How we'll implement it                                                                                                                                                                                   |  |
|----------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Old log storage removed    | \$240        | <ol style="list-style-type: none"> <li>1. Archive any logs you want to keep long-term</li> <li>2. Set a 30-day retention on your log groups</li> </ol> <p>Rollback: Raise the retention value again.</p> |  |
| 8,000 GB × \$0.03          |              |                                                                                                                                                                                                          |  |
| <b>Net monthly savings</b> | <b>\$240</b> |                                                                                                                                                                                                          |  |

**FINDING 3 OF 5**

## Oversized database

The primary database runs at low utilization all month; one size down keeps headroom.

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Evidence      | CPU peaked at 28% over 90 days                                 |
| Effort · Risk | Medium · Medium. A minute of failover in a maintenance window. |

| Savings calculation        |              | How we'll implement it                                        |  |
|----------------------------|--------------|---------------------------------------------------------------|--|
| Instance-hours saved       | \$511        | 1. Take a backup of the database                              |  |
| 730 hrs × \$0.70           |              | 2. Move to the smaller size in a scheduled maintenance window |  |
| <b>Net monthly savings</b> | <b>\$511</b> | Rollback: Resize back in the next window.                     |  |

**FINDING 4 OF 5**

## Under-packed EKS nodes

Pod requests are far above real usage, so the cluster runs more nodes than it needs.

|               |                                                     |
|---------------|-----------------------------------------------------|
| Evidence      | Median node CPU 21%, memory 36%                     |
| Effort · Risk | Medium · Medium. Pods reschedule during the change. |

| Savings calculation        |              | How we'll implement it                                                                                                                                                                                      |  |
|----------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Node-hours removed         | \$841        | <ol style="list-style-type: none"> <li>1. Right-size what each application asks the cluster for</li> <li>2. Let the cluster run on fewer servers</li> </ol> <p>Rollback: Restore the previous requests.</p> |  |
| 2,190 hrs × \$0.384        |              |                                                                                                                                                                                                             |  |
| Headroom kept              | -\$80        |                                                                                                                                                                                                             |  |
| <b>Net monthly savings</b> | <b>\$761</b> |                                                                                                                                                                                                             |  |

**FINDING 5 OF 5**

## Savings Plan coverage gap

Only a small share of steady compute is covered by a commitment. We recommend waiting to purchase until Findings 1-4 are complete, so you do not lock in waste that is about to be removed.

|                |                                                        |
|----------------|--------------------------------------------------------|
| Recommendation | 1-year, no-upfront Compute Savings Plan                |
| Effort · Risk  | Medium · Medium. A commitment; buy only after Phase 2. |

| Savings calculation        |              | How we'll implement it                                                                                                                                                                                                                                |  |
|----------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| On-demand spend covered    | \$3,200      | <ol style="list-style-type: none"> <li>Wait until the earlier fixes are live and the new baseline is clear</li> <li>Purchase a commitment sized to that lower baseline</li> </ol> <p>Rollback: Commitments cannot be undone; size conservatively.</p> |  |
| Commitment                 | -\$2,300     |                                                                                                                                                                                                                                                       |  |
| <b>Net monthly savings</b> | <b>\$900</b> |                                                                                                                                                                                                                                                       |  |

| Why wait                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A Savings Plan is a commitment you pay for whether or not you use it. Buying now would lock in compute that the earlier fixes remove. Buying after sizes it to the lower, cleaned-up baseline. |

## Implementation roadmap

Three phases, sequenced so each one de-risks the next. Each change ships as its own reviewable, reversible PR.

|                             |                                                                                                                                                            |                   |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>Phase 1</b><br>Weeks 1–2 | <b>Quick wins.</b> No downtime, no application changes. <ul style="list-style-type: none"> <li>1 · NAT → S3 endpoint</li> <li>2 · Log retention</li> </ul> | <b>\$915/mo</b>   |
| <b>Phase 2</b><br>Weeks 3–6 | <b>Rightsizing.</b> Scheduled windows, load-tested first. <ul style="list-style-type: none"> <li>3 · RDS class</li> <li>4 · EKS nodes</li> </ul>           | <b>\$1,272/mo</b> |
| <b>Phase 3</b><br>Week 7+   | <b>Commitments.</b> Sized to the new, lower baseline. <ul style="list-style-type: none"> <li>5 · Savings Plan</li> </ul>                                   | <b>\$900/mo</b>   |
| <b>All phases</b>           |                                                                                                                                                            | <b>\$3,087/mo</b> |

## Methodology and access

How the numbers in this report were produced, and what was touched.

|                  |                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Access           | Read-only IAM role built on ViewOnlyAccess, plus billing and cost data. No write access and no access to application data at any point. Role removed October 14, 2026. |
| Data sources     | Cost and Usage Report, Cost Explorer, CloudWatch metrics, VPC Flow Logs, Compute Optimizer                                                                             |
| Period           | 92 days: July 1 – September 30, 2026                                                                                                                                   |
| Pricing          | us-east-1 public on-demand rates as of October 1, 2026                                                                                                                 |
| Your team's time | 45-minute kickoff call                                                                                                                                                 |

### Assumptions

- Usage stays within  $\pm 10\%$  of the period average
- Savings are estimates at current AWS pricing; realized savings depend on implementation
- Annualized figures are monthly savings  $\times 12$

## Cloudshipped Implementation Quote

Cloudshipped will implement the 5 changes in this report for you at a **fixed price**, in 3 phases. Target savings are **\$3,087/mo**, or **\$37,044** annualized, a **10.3%** reduction in your monthly AWS bill.

| Implementation plan         |                                                           | Fixed price       |
|-----------------------------|-----------------------------------------------------------|-------------------|
| <b>Phase 1</b><br>Weeks 1–2 | <b>Quick wins.</b> No downtime, no application changes.   | <b>\$915/mo</b>   |
| <b>Phase 2</b><br>Weeks 3–6 | <b>Rightsizing.</b> Scheduled windows, load-tested first. | <b>\$1,272/mo</b> |
| <b>Phase 3</b><br>Week 7+   | <b>Commitments.</b> Sized to the new, lower baseline.     | <b>\$900/mo</b>   |
| <b>Total target savings</b> |                                                           | <b>\$3,087/mo</b> |

### What you get

- Hands-on-keyboard implementation by Cloudshipped
- Incremental phases to lock in savings as fast as possible
- Best-efforts savings: figures are estimates, not a guarantee of realized savings
- Your audit fee is credited toward the implementation price

### Get started

Book a call to confirm scope and schedule Phase 1. Or email [support@cloudshipped.co](mailto:support@cloudshipped.co).

[Book a call](#)