



AWS COST · SAMPLE DELIVERABLE

Roadmap, Deferred Changes, and Handover

Week 6 of 6: Hand over · prepared for Tidepost, Inc.

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SAMPLE DELIVERABLE

This is a sample deliverable. Tidepost, Inc. is a fictional company: its people, products, users, accounts, investors, and figures are invented for this sample, and any resemblance to a real company, person, product, or publication is coincidental. AWS prices are list prices from the AWS Price List API retrieved on October 13, 2026, and from the public AWS Price List bulk API on October 18, 2026.

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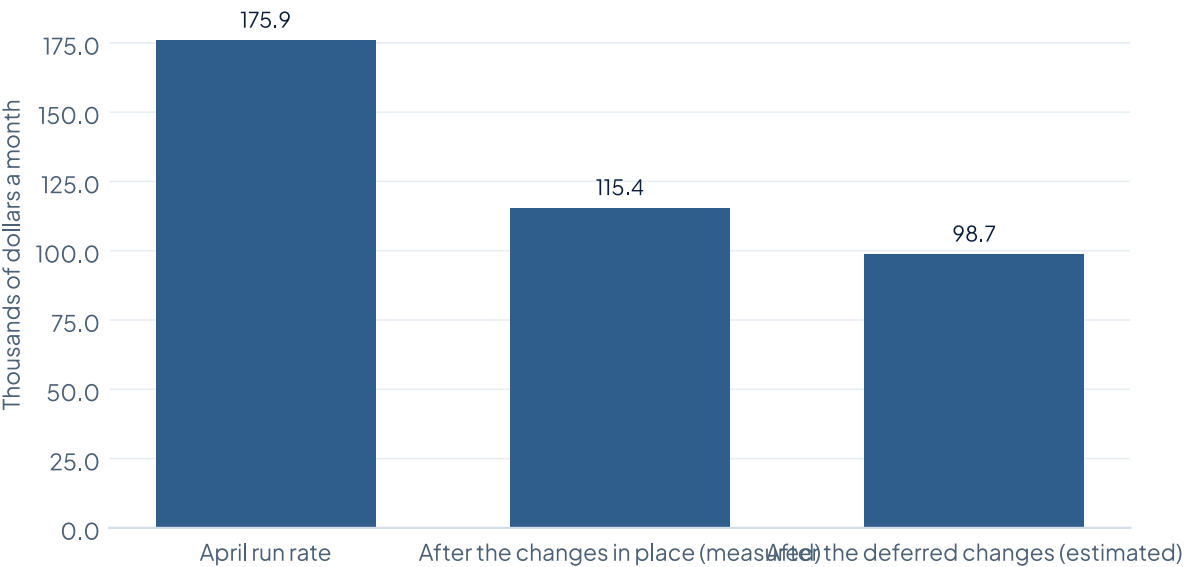
Summary

The cost work is yours to run. Dev Raman and Gwen Tallis: this report hands over what is left of the roadmap, the five deferred changes with an owner and a date each, the monthly cost review that keeps the bill where it is now, and the guardrails that keep the waste from coming back as Tidepost grows. The 31 changes in place measured \$725,391 a year on Tidepost’s Cost and Usage Report; the result and the gate are in the measurement report, issued today with the closing readout.

At April’s usage, the bill falls from \$175,897 a month to about \$115,448 on the measured basis, 34.4% lower. When the deferred changes land, at their estimates, it falls to about \$98,735, 43.9% below April. The engagement used 106 of its 110 consultant hours.

The handover in one table. Every figure is a year at list prices unless it says otherwise.

Handover at a glance	Result
Changes in place, measured	31, \$725,391 a year
Deferred, with owners and dates	5, \$200,550 a year at the estimates
Declined at the readout	3, \$61,959 a year
Approved, then declined	SP-2, \$11,192 a year
First monthly cost review	June 9, 2026
Guardrails	7, GR-1 to GR-7: 5 built in week five, GR-5 and GR-7 inherited
Well-Architected HRIs left by this engagement	0 at Tidepost's May 14 milestone
Vantalect's access	vantalect-cost-analysis deleted by Tidepost on May 15



The run rate at April usage: as found, after the changes in place (measured), and after the deferred changes (estimated). Usage growth comes on top of all three.

What the identified figure became

In place at the estimates, deferred, declined, and approved-then-declined add up to the identified figure. The measured figure replaces the in-place estimate once the changes are in.

Of the \$1,054,404 identified	A year	Changes
In place, at the estimates	\$780,703	31
In place, measured on the Cost and Usage Report	\$725,391	31
Deferred, with an owner and a date	\$200,550	5
Declined at the readout	\$61,959	3
Approved, then declined	\$11,192	1

The remaining roadmap

Each deferred change was approved and waits on one named thing. None needs Vantalect: the owner runs it in a change window, through a pull request and the pipeline like every change in this engagement, and measures it with the query in the measurement report once its seven days after have finalized.

The deferred changes in the order they land. "Measurable from" is the day the seventh day after the change has finalized on the Cost and Usage Report.

Id	Change	Owner	Account	Lands	Estimate aMeasurable yearfrom
CACHE-2	Redis OSS to Valkey on the same nodes	Kofi Brandvold	tp-prod	May 19	\$5,754May 28
S3-2	Originals older than 90 days to S3 Glacier Instant Retrieval (takedown and legal requests stay fast)	Amara Delacroix	tp-prod	May 20	\$120,787May 29
EC2-1a	Staging rebuilt at 30% of its size in tp-staging; the old staging, its PostgreSQL 13 database, and its EKS cluster retired	Kofi Brandvold	tp-staging	Jun 1	\$55,468Jun 10
EC2-1b	Staging on weekdays only, 7 AM to 7 PM Central	Kofi Brandvold	tp-staging	Jun 8	\$11,218Jun 17
SM-3	Moderation classifier to Inferentia2 (ml.inf2.xlarge)	Yuki Sorensen	tp-prod	Jul 13	\$7,323Jul 22
Total					\$200,550

- **CACHE-2: Redis OSS to Valkey on the same nodes.** Deferred to May 19: the client library is tested against Valkey first. Pricing: 4 nodes x (\$0.821 – \$0.6568) x 730 hours. Evidence: Valkey 8 keeps the Redis OSS 7 API.
- **S3-2: Originals older than 90 days to S3 Glacier Instant Retrieval (takedown and legal requests stay fast).** Deferred to May 20: approved, and the rule waits for counsel to sign the retention schedule. Pricing: 563 TB from Standard (the first 262 TB at \$0.021, the last 301 at \$0.022, after the in-place changes) to \$0.004, plus 1.5 TB a month read back at \$0.03. Evidence: S3 Storage Lens: originals older than 90 days are read 0.3% a month. Its one-time charge, \$192 of transition requests, lands with it.
- **EC2-1a: Staging rebuilt at 30% of its size in tp-staging; the old staging, its PostgreSQL 13 database, and its EKS cluster retired.** Deferred to June 1: two platform engineers, and the rebuild uses the Remediation's CDK. Pricing: The old staging (3 c6i.4xlarge, 5 m5.4xlarge, an EKS control plane in extended support, a db.r6g.2xlarge with PostgreSQL 13 Extended Support on 8 vCPUs) against 30% of its compute, a standard-support control plane, and a db.r6g.large. Evidence: Staging's load tests use 22% of its capacity at peak.
- **EC2-1b: Staging on weekdays only, 7 AM to 7 PM Central.** Deferred to June 8: it follows EC2-1a. Pricing: The rebuilt staging's compute and database, from 730 hours to 260. Evidence: Deploy logs: no staging deploys at night or on weekends since October.

- **SM-3: Moderation classifier to Inferentia2 (ml.inf2.xlarge).** Deferred to July 13: it needs a Neuron compile and a precision check against the labeled March set. Pricing: 2 instances × (\$1.408 – \$0.990) × 730 hours. Evidence: The classifier is a ViT-B/16 that compiles for Neuron.

S3-2 is the one with a compliance edge: the originals' retention schedule is counsel's, and the same schedule starts the disposal controls in Tidepost's SOC 2 technical map on May 20, after the observation window opened on April 1. The map holds them as two C1.2 rows, both planned to operate from May 20: the retention schedule for user content, written with counsel, owned by Amara Delacroix; and the deletion pipeline for removed posts' media, across originals, renditions, and backups, owned by Marcus Oyelaran. The auditor decides what that means for the report.

The three declined findings

The changes declined at the readout on April 17. Each reason still holds today; the monthly review is where any of them comes back.

Id	Change	Estimate aDeclined yearby	Why
MOD-2	Frame sampling from one frame a second to one every two seconds	\$37,422Amara Delacroix	After MOD-1 the frame path alone carries most videos, and halving it halves what it sees
RDS-2	Writer from db.r6g.4xlarge to db.r6g.2xlarge (Multi-AZ)	\$15,759Dev Raman	Growth after the round, and a resize is a failover inside the observation window
OS-1	OpenSearch data nodes from r6g.2xlarge.search to r6g.xlarge.search	\$8,778Lior Haddad	The search team is midway through a k-NN migration

When the reason lapses, the finding comes back at the monthly review with a fresh price: RDS-2 after the observation window closes on September 30, OS-1 when the search team finishes its k-NN migration, and MOD-2 if the trust and safety team's labeled review shows that a frame every two seconds catches what a frame a second does.

Commitments

SP-1 is a one-year, No Upfront Compute Savings Plan at \$7.27 an hour, bought in tp-management with sharing on, on April 30; its term ends on April 30, 2027. It was sized on the always-on compute floor that every change on the roadmap leaves (\$14.26 an hour of On-Demand usage), so the deferred changes cannot leave it underused. Its renewal is on the agenda of the January 12, 2027 review, sized on the floor of that winter's usage.

SP-2, the SageMaker Savings Plan: Approved at the readout, then declined on May 5 by Gwen Tallis: she wants the Inferentia2 move first. The Inferentia2 move (SM-3) lands on July 13 and is measurable from July 22, so SP-2 returns at the August 11, 2026 review, re-sized on the hosting floor after SM-3.

The monthly cost review

One hour on the second Tuesday of each month, starting June 9, 2026 (then July 14 and August 11), chaired by Gwen Tallis with Kofi Brandvold, Yuki Sorensen, and Lior Haddad. The agenda:

1. **The bill against the budget**, by account and by the team tag, from Cost Explorer and the cur2 table. Business Support+ is read as its own monthly line.
2. **Anomalies** raised since the last review, each with its cause and owner.
3. **The roadmap**: each deferred change that landed since the last review, measured with the query in the measurement report; each one still waiting, with its blocker.
4. **Commitments**: SP-1's utilization and coverage, and whether the floor has moved.
5. **The guardrails**: the tag policy's compliance report and any guardrail exception granted.
6. **The unit costs** below, against the month before.

Unit costs

Costs are not yet allocated per video or per active user, so the review starts with two unit costs that need no allocation. Both are at April's usage, before and after the changes in place on the measured basis.

Two unit costs for the monthly review. As users grow toward the plan for December, the bill should grow more slowly than either denominator.

Unit cost	Basis	April	After the Owner changes in place
AWS cost per monthly active user, a month	660,000 monthly active users in April	\$0.267	\$0.175Gwen Tallis
Moderation and language cost per uploaded image or video	1,438,708 uploads a month in April	\$0.0188	\$0.0135Amara Delacroix

The guardrails

The seven guardrails, each with one owner: 5 built in week five, and GR-5 inherited from the Well-Architected Remediation, which closed COST02 with it on March 13; GR-7 inherited from the Foundation, whose tag policy was attached on February 10 and whose cost allocation tags the Well-Architected Remediation activated on March 11 for COST03. GR-5's budgets and anomaly alerts go to Gwen Tallis and Kofi Brandvold.

Id	Guardrail	Owner	How it holds
GR-1	Log level and retention defaults on every new log group (INFO, 30 days)	Marcus Oyelaran	A CDK aspect fails the synth without them
GR-2	The lifecycle standard on every new bucket	Kofi Brandvold	An AWS Config rule flags a bucket without one within an hour
GR-3	Notebook auto-stop by default in tp-sandbox-ml	Yuki Sorensen	A lifecycle configuration attached by Account Factory
GR-4	A scaling policy required on every SageMaker endpoint	Yuki Sorensen	The deploy pipeline refuses an endpoint without one
GR-5	Budgets and anomaly alerts per account	Gwen Tallis	AWS Budgets and Cost Anomaly Detection, to Gwen Tallis and Kofi Brandvold
GR-6	A Kinesis retention cap of seven days	Lior Haddad	A CDK aspect fails the synth above 168 hours, and an EventBridge rule alerts the data team on any IncreaseStreamRetentionPeriod call
GR-7	The Foundation's tag policy, enforced on the cost allocation tags	Kofi Brandvold	The tag policy's compliance report, read in the monthly review

Together they keep the waste from growing with users, about \$140,000 to \$230,000 a year at the December run rate. That is cost avoidance, not counted: it never entered the gate, and the derivation is in the week-five report.

The Well-Architected handoff

The Well-Architected Review accepted five High-Risk Issues in writing because their fixes were cost changes, each with this engagement’s dates, so that each change would be counted by exactly one engagement. All five were acted on here:

The five accepted HRIs and the cost changes that address them. The changes are counted here and nowhere else.

Question	Accepted by	Accepted on	Cost changes	Last change in place
PERF03	Lior Haddad	Mar 9	S3-1, ATH-1	May 6
COST06	Gwen Tallis	Mar 10	EC2-2, SM-1a, SM-2	Apr 27
COST07	Gwen Tallis	Mar 10	SP-1	Apr 30
SUS02	Yuki Sorensen	Mar 11	SM-1a, SM-2	Apr 27
SUS04	Lior Haddad	Mar 9	KIN-1, LOG-2, S3-1, S3-3	May 6

Tidepost saved its own milestone in the Well-Architected Tool on May 14, 2026: 0 High-Risk Issues and 24 Medium-Risk Issues. Medium risk remains on SUS04 until S3-2’s retention rule lands. Tidepost saved that milestone itself, and it is shown, never counted.

Evidence for the auditor

Every change in this engagement went through a pull request and the pipeline, or a change record in an approved window, so each one is also evidence for the change-management criteria the auditor tests. The records are in the repositories and the pipeline history, and the before-and-after cost of each change is reproducible from the Cost and Usage Report. Nothing in the cost work changes a control in the SOC 2 technical map except the retention schedule behind S3-2, which is counsel’s and operates from its own date.

Running it without Vantalect

- **Access.** Vantalect read the accounts through vantalect-cost-analysis in tp-management and vantalect-cost-readonly, the same read-only role in each member account, deployed by a StackSet from tp-management. Tidepost deletes both on May 15, and the StackSet with them.
- **Data.** The Cost and Usage Report export tidepost-cur2, the Athena workgroup cost-analysis, and the saved queries stay in tp-management, owned by Gwen Tallis's team.
- **The roadmap.** savings-roadmap.csv holds every change with its status, date, owner, estimate, and measurement; the monthly review updates it.
- **Questions.** Anything in these reports can be reproduced from Tidepost's own data. The queries are in the measurement report.

Hours

Consultant hours by week. Charles Sieg ran the engagement himself.

Week of	Consultant hours
April 6, 2026	21
April 13, 2026	19
April 20, 2026	17
April 27, 2026	18
May 4, 2026	17
May 11, 2026	14
Total (cap 110)	106

The closing readout

The closing readout on May 15, 2026, with Dev Raman, Gwen Tallis, Kofi Brandvold, Yuki Sorensen, and Lior Haddad, walked through the measurement, this roadmap, and the first review's agenda. It was held once the last change had seven days of finalized data, as the terms require. Nothing in this report needs Vantalect from here on.

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