Oak & Mesa / FinOps

Azure FinOps Audit

Prepared for **Lumen Trail Software LLC (EXAMPLE DATA)**
Prepared by **Zachery Kuykendall**
12:54 PM CT, November 13, 2026
Period Aug 1, 2026 – Oct 31, 2026
EXAMPLE DATA — fictional company

EXAMPLE DATA. This report was generated from a synthetic Azure Cost Management export for a fictional company (Lumen Trail Software LLC (EXAMPLE DATA)). It is a demonstration, not a real client engagement, and the dollars are invented.

A read-only review of the Azure Cost Management export for **Aug 1, 2026 – Oct 31, 2026** (92 days). Total spend in the period is **$13,083.04**. Rule-based findings below identify likely waste and rate-optimization opportunities. **Every savings figure is an ESTIMATE** with its assumption stated. Nothing in this report changes the client's Azure environment.

PERIOD SPEND
$13,083.04
Aug 1, 2026 – Oct 31, 2026 · 92 days

LAST COMPLETE MONTH
$5,467.47
October 2026 · prior $3,791.10

AVG DAILY
$142.21
5 anomalies flagged

EST. MONTHLY SAVINGS
$705.91
ESTIMATE conservative, non-overlapping stack

Executive summary

10 findings were generated from the export. The conservative, non-overlapping monthly savings total is **$705.91** ESTIMATE. That total includes Savings Plan estimates at a conservative 20% (inside Microsoft's published 11%–65% compute Savings Plan range), dev/test shutdown estimates, and the current run-rate of resources that look idle — each of which is a *maximum* until attachment, association, or backup need is confirmed. A Reservation alternative on the same steady VMs is shown in the finding and is **not** added on top of the Savings Plan figure. Spike and tagging findings have no dollar claim.

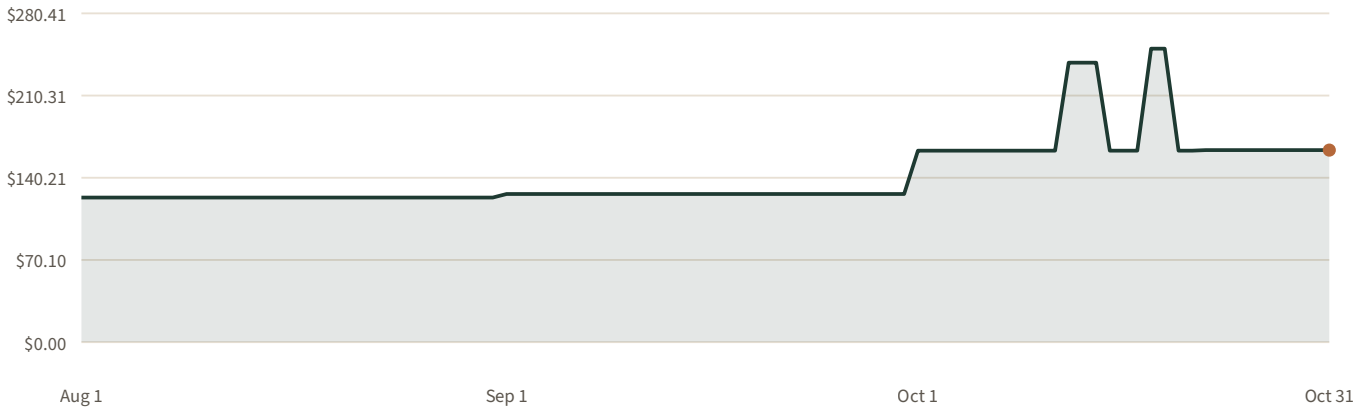
ID	FINDING	SEVERITY	MONTHLY SAVINGS
F-COMMIT-SP	4 pay-as-you-go compute resource(s) look like Savings Plan / Reservation candidates	HIGH	$322.40 ESTIMATE
F-DEVTEST-247	2 dev/test compute resource(s) appear to run 24×7	HIGH	$199.28 ESTIMATE
F-ANOMALY	5 anomalous spend day(s) in the period	HIGH	—
F-EGRESS-SPIKE	Egress / bandwidth spikes detected	HIGH	—
F-LOG-SPIKE	Log Analytics / Azure Monitor spikes detected	HIGH	—
F-DISK-IDLE	2 managed disk(s) look idle (capacity cost, essentially no transactions)	MEDIUM	$68.20 ESTIMATE
F-PREMIUM-SKU	1 Premium storage resource(s) may be candidates for a lower SKU	MEDIUM	$61.47 ESTIMATE
F-SNAP-OLD	2 snapshot(s) appear at least 30 days old (lower bound from the export)	MEDIUM	$43.40 ESTIMATE

ID	FINDING	SEVERITY	MONTHLY SAVINGS
F-PIP-REVIEW	3 public IP address(es) are incurring charges — association CAN'T VERIFY	MEDIUM	$11.16 ESTIMATE
F-UNTAGGED	Untagged spend is 5% of the period ($663.28 USD)	LOW	—

This is a findings report from a billing export, not a commitment to save a specific amount and not a Microsoft quote. Discounts vary by SKU, region, and term. Idle-resource savings require a portal or Resource Graph check before anything is deleted. The only input used was the client's Cost Management CSV — no Azure credentials were required or used.

Spend summary and trend

Daily spend over the export window. Month-over-month figures use complete calendar months when the file covers them; otherwise a note is shown.



MONTH	SPEND	CHANGE
Aug 2026	$3,824.47	—
Sep 2026	$3,791.10	$-33.37 (-1%)
Oct 2026	$5,467.47	$+1,676.37 (+44%)

Pricing model mix

MODEL	SPEND	SHARE
OnDemand	$12,531.04	96%
Reservation	$552.00	4%

Untagged spend

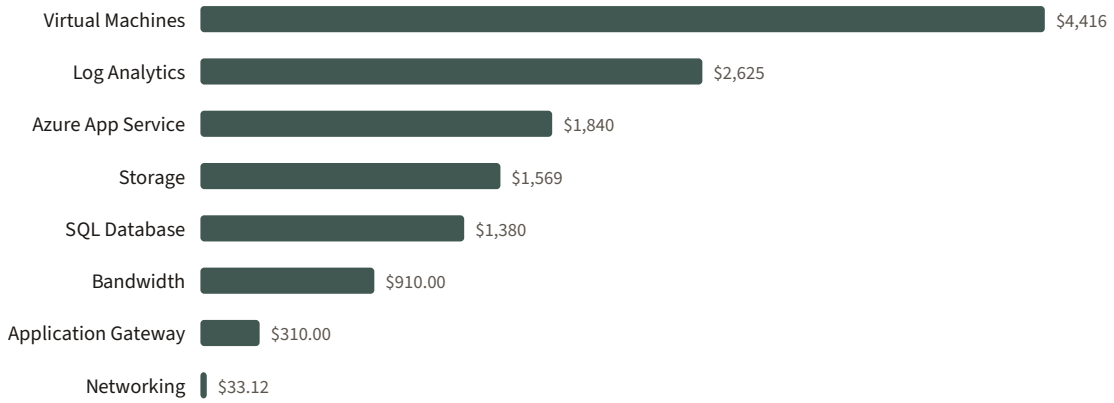
5% of period spend ($663.28) has no resource tags. This is a governance finding, not a direct savings claim.

Charge type

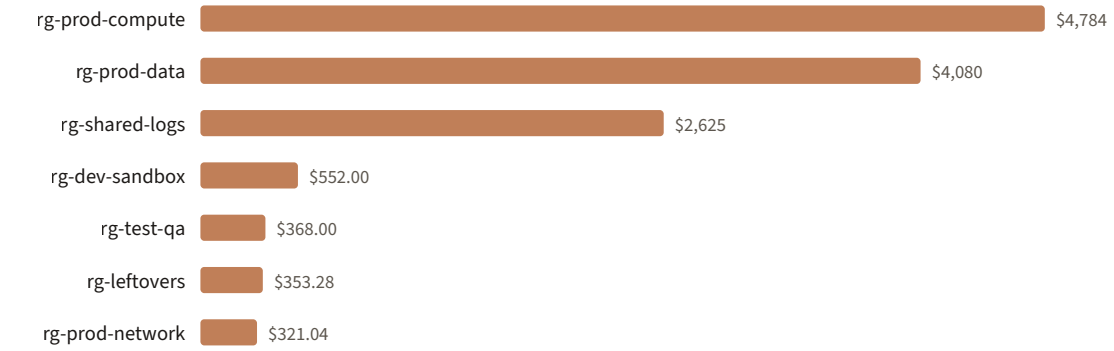
TYPE	SPEND
Usage	$13,083.04

Top services, resource groups, and resources

Top services (MeterCategory)



Top resource groups



Top resources by period spend

RESOURCE	RESOURCE GROUP	SERVICE	SPEND	SHARE
law-shared-01	rg-shared-logs	Log Analytics	$2,625.00	20.1%
app-prod-web-01	rg-prod-compute	Azure App Service	$1,840.00	14.1%
sqldb-prod-01	rg-prod-data	SQL Database	$1,380.00	10.5%
vm-prod-api-01	rg-prod-compute	Virtual Machines	$1,104.00	8.4%
vm-prod-api-02	rg-prod-compute	Virtual Machines	$1,104.00	8.4%
stprodassets	rg-prod-data	Bandwidth, Storage	$1,048.00	8.0%
vm-prod-app-01	rg-prod-compute	Virtual Machines	$736.00	5.6%
disk-overprovisioned-p40	rg-prod-data	Storage	$608.12	4.6%
vm-dev-box-01	rg-dev-sandbox	Virtual Machines	$552.00	4.2%
vm-prod-sql-01	rg-prod-data	Virtual Machines	$552.00	4.2%

RESOURCE	RESOURCE GROUP	SERVICE	SPEND	SHARE
disk-prod-data-p30	rg-prod-data	Storage	$487.60	3.7%
vm-qa-worker-01	rg-test-qa	Virtual Machines	$368.00	2.8%
agw-prod-01	rg-prod-network	Application Gateway	$310.00	2.4%
disk-orphaned-std-01	rg-leftovers	Storage	$124.20	0.9%
snap-old-data-jan	rg-leftovers	Storage	$82.80	0.6%

Month-over-month movers

Comparing **Sep 2026** ($3,791.10) to **Oct 2026** ($5,467.47). Basis: complete_months.

Services — largest increases

SERVICE	PRIOR	CURRENT	Δ
Log Analytics	$540.00	$1,620.00	$+1,080.00 (+200%)
Application Gateway	$0.00	$310.00	$+310.00
Bandwidth	$240.00	$422.00	$+182.00 (+76%)
Virtual Machines	$1,440.00	$1,488.00	$+48.00 (+3%)
Storage	$510.30	$531.31	$+21.01 (+4%)
Azure App Service	$600.00	$620.00	$+20.00 (+3%)
SQL Database	$450.00	$465.00	$+15.00 (+3%)
Networking	$10.80	$11.16	$+0.36 (+3%)

Services — largest decreases

No material decreases.

Resource groups — largest increases

RESOURCE GROUP	PRIOR	CURRENT	Δ
rg-shared-logs	$540.00	$1,620.00	$+1,080.00
rg-prod-network	$3.60	$313.72	$+310.12
rg-prod-data	$1,272.30	$1,492.71	$+220.41
rg-prod-compute	$1,560.00	$1,612.00	$+52.00
rg-dev-sandbox	$180.00	$186.00	$+6.00
rg-test-qa	$120.00	$124.00	$+4.00
rg-leftovers	$115.20	$119.04	$+3.84

Findings

Each dollar figure is labeled **ESTIMATE**. The assumption that produced it is written under the finding. Figures included in the executive total are a non-overlapping stack (dev/test shutdown is not also counted as a Savings Plan; Reservation is an alternative, not an add-on).

F-COMMIT-SP · Rate optimization · **HIGH**

4 pay-as-you-go compute resource(s) look like Savings Plan / Reservation candidates

$322.40
ESTIMATE / month

Recommendation. Start with a 1-year Azure savings plan for compute on this steady OnDemand spend (flexibility across SKUs and regions). The conservative ESTIMATE in the total is 322.40 USD/month at 20%. A Reservation on a stable SKU could save more — ESTIMATE 580.32 USD/month at the 36% published low end — but only if the exact size, family, and region will not change. Confirm with Azure Advisor recommendations before buying. Sources: https://azure.microsoft.com/en-us/pricing/offers/savings-plans and https://azure.microsoft.com/en-us/pricing/offers/reservations.

Assumption / basis. These VMs (or compute-hour resources) show steady ≥20 hours/day on at least 85% of the days in their span, for at least 21 days, billed OnDemand (pay-as-you-go). Savings Plan ESTIMATE uses a conservative 20% discount, inside Microsoft's published compute Savings Plan range of 11%–65%. Microsoft publishes a compute Savings Plan range of 11%–65% vs pay-as-you-go (65% is a 3-year term on one M64dsv2 Ubuntu VM in East US; Azure pricing as of January 2026). Source: azure.microsoft.com/en-us/pricing/offers/savings-plans Reservation ESTIMATE uses 36%, the low end of Microsoft's published Reserved VM Instance range of 36%–72%. Microsoft publishes a Reserved VM Instance range of 36%–72% vs pay-as-you-go (72% is a 3-year term on one M64ls SUSE Linux VM in East US; Azure pricing as of January 2026). Source: azure.microsoft.com/en-us/pricing/offers/reservations Actual discounts vary by SKU, region, and 1- vs 3-year term. Dev/test-named resources are excluded here and handled under a shutdown finding. Monthly figures use the October 2026 run-rate (a complete calendar month in the export).

Confidence. ESTIMATE. Usage pattern is observed from the export; the discount % is a conservative assumption inside Microsoft's published ranges, not a quote. Alternative Reservation ESTIMATE (not added on top): 580.32 USD/month.

RESOURCE	RESOURCE GROUP	SUBSCRIPTION	MEDIAN DAILY HOURS	STEADY DAYS	SPAN DAYS	MONTHLY ONDEMAND COST	SP ESTIMATE	RI ESTIMATE
app-prod-web-01	rg-prod-compute	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	24.00	92	92	$620.00	$124.00	$223.20
vm-prod-api-01	rg-prod-compute	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	24.00	92	92	$372.00	$74.40	$133.92
vm-prod-api-02	rg-prod-compute	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	24.00	92	92	$372.00	$74.40	$133.92
vm-prod-app-01	rg-prod-compute	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	24.00	92	92	$248.00	$49.60	$89.28

F-DEVTEST-247 · Scheduling · HIGH

2 dev/test compute resource(s) appear to run 24×7

$199.28
ESTIMATE / month

Recommendation. Put auto-shutdown or a start/stop schedule on these dev/test VMs (Azure DevTest Labs, Automation, or Native auto-shutdown). Confirm with the owners before changing hours. If a box truly must run 24×7, consider a Savings Plan instead.

Assumption / basis. Resources were classified as non-production because the resource group, resource name, subscription, or an env/environment tag matched dev, test, qa, uat, sandbox, staging, or similar. They also meet the 24×7 usage test (≥20 hours/day on ≥85% of days). Savings ESTIMATE assumes a weekday 12-hour schedule (60 hours on / 168 hours in a week), i.e. a 64.3% reduction in compute hours, and that nights and weekends do not need coverage. This is an assumption, not a Microsoft-published figure. Monthly figures use the October 2026 run-rate (a complete calendar month in the export). These resources are excluded from the Savings Plan total so the two findings are not double-counted.

Confidence. ESTIMATE, subject to whether a 12-hour weekday schedule is acceptable.

RESOURCE	RESOURCE GROUP	SUBSCRIPTION	MEDIAN DAILY HOURS	MONTHLY COMPUTE COST	SHUTDOWN ESTIMATE
vm-dev-box-01	rg-dev-sandbox	EXAMPLE DATA - Lumen Trail Development (FICTIONAL)	24.00	$186.00	$119.57
vm-qa-worker-01	rg-test-qa	EXAMPLE DATA - Lumen Trail Development (FICTIONAL)	24.00	$124.00	$79.71

F-ANOMALY · Anomaly · HIGH

No dollar claim

5 anomalous spend day(s) in the period

Recommendation. Inspect the driving meter and resource on each day (listed below). If a spike is a reservation purchase, it may be expected on an ActualCost export. If it is usage, look for a deployment, a data job, or a runaway diagnostic setting.

Assumption / basis. A day is flagged when total spend is ≥ 2.5 standard deviations above the period mean, or at least 1.5× the trailing 7-day median, and above the mean. No recurring monthly savings are claimed; some spikes are one-time purchases or incidents.

Confidence. Observed from daily totals in the export.

DATE	COST	ZSCORE	VS TRAILING MEDIAN	TOP DRIVER
2026-10-18	$250.37	3.63	1.53	stprodassets (Bandwidth, $95.00)
2026-10-19	$250.37	3.63	1.05	stprodassets (Bandwidth, $95.00)
2026-10-12	$238.37	3.23	1.46	law-shared-01 (Log Analytics, $120.00)
2026-10-13	$238.37	3.23	1.46	law-shared-01 (Log Analytics, $120.00)
2026-10-14	$238.37	3.23	1.46	law-shared-01 (Log Analytics, $120.00)

F-EGRESS-SPIKE · Anomaly / networking · HIGH

No dollar claim

Egress / bandwidth spikes detected

Recommendation. Identify what sent traffic on the spike days (storage egress, a public app, a cross-region backup, or a data-transfer job). Consider Private Link, region alignment, and caching if this is becoming a baseline. Recent monthly run-rate is $422.00 USD.

Assumption / basis. No recurring monthly savings are claimed — a spike may be a one-time event or a new baseline. Days are flagged with the same anomaly rule as the all-spend anomaly section (z-score or 1.5× the trailing 7-day median). Savings from lowering Log Analytics retention or reducing egress CAN'T VERIFY without the workspace retention setting and traffic owners. October 2026 spend was $422.00 vs $240.00 in September (+$182.00, 76%).

Confidence. Observed from the export. Dollar savings CAN'T VERIFY without configuration context. October 2026 spend was $422.00 vs $240.00 in September (+$182.00, 76%).

DATE	COST	ZSCORE
2026-10-18	$95.00	6.71
2026-10-19	$95.00	6.71

F-LOG-SPIKE · Anomaly / telemetry · HIGH

No dollar claim

Log Analytics / Azure Monitor spikes detected

Recommendation. Review workspace data sources, diagnostic settings, and retention (90 days is a common default; dropping interactive retention often cuts cost). Investigate the spike days for a noisy resource or a new diagnostic setting. Recent monthly run-rate is $1,620.00 USD.

Assumption / basis. No recurring monthly savings are claimed — a spike may be a one-time event or a new baseline. Days are flagged with the same anomaly rule as the all-spend anomaly section (z-score or 1.5× the trailing 7-day median). Savings from lowering Log Analytics retention or reducing egress CAN'T VERIFY without the workspace retention setting and traffic owners. October 2026 spend was $1,620.00 vs $540.00 in September (+$1,080.00, 200%).

Confidence. Observed from the export. Dollar savings CAN'T VERIFY without configuration context. October 2026 spend was $1,620.00 vs $540.00 in September (+$1,080.00, 200%).

DATE	COST	ZSCORE
2026-10-12	$120.00	4.30
2026-10-13	$120.00	4.30
2026-10-14	$120.00	4.30
2026-10-01	$45.00	0.77
2026-10-02	$45.00	0.77
2026-10-03	$45.00	0.77
2026-10-04	$45.00	0.77

F-DISK-IDLE · Idle / orphaned resources · MEDIUM

2 managed disk(s) look idle (capacity cost, essentially no transactions)

$68.20 ESTIMATE / month

Recommendation. In the Azure portal or Resource Graph, confirm each disk is Unattached (or attached to a stopped-deallocated VM you no longer need). Snapshot if required, then delete. Do not delete a disk that is actually in use.

Assumption / basis. ESTIMATE equals the current monthly run-rate, which is the *maximum* savings if the disk is unattached (or otherwise unneeded) and is deleted after a snapshot is kept only if required. Attachment status CAN'T VERIFY from a Cost Management export — managed disks have their own ResourceId and incur capacity charges whether or not they are attached. The heuristic is: disk-like meters with capacity cost over the window and ~zero Operations/Transactions/IOPS meters. Confirm in the portal or with Azure Resource Graph (`disk.diskState == Unattached`) before deleting. Monthly figures use the October 2026 run-rate (a complete calendar month in the export).

Confidence. CAN'T VERIFY attachment from the CSV. The dollar figure is an ESTIMATE of maximum monthly savings if deletion is appropriate.

RESOURCE	RESOURCE GROUP	SUBSCRIPTION	MONTHLY COST	TRANSACTION QUANTITY	DAYS PRESENT
disk-orphaned-std-01	rg-leftovers	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	$41.85	0.00	92
disk-orphaned-std-02	rg-leftovers	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	$26.35	0.00	92

F-PREMIUM-SKU · SKU right-size · MEDIUM

1 Premium storage resource(s) may be candidates for a lower SKU

$61.47 ESTIMATE / month

Recommendation. For each flagged disk, check Metrics (IOPS, throughput, latency) and the attached VM's requirements. If they fit Standard SSD or a smaller Premium size, price the change in the Azure Pricing Calculator before converting.

Assumption / basis. Illustrative ESTIMATE of a 30% reduction if a Premium SSD (or similar premium tier) with low observed transaction/IOPS meters is moved to Standard SSD (or a smaller Premium size). 30% is NOT a Microsoft-published average — exact SKU prices vary by size, tier, and region. The exact savings CAN'T VERIFY from the export alone; confirm IOPS/throughput needs and price the change in the Azure Pricing Calculator. Monthly figures use the October 2026 run-rate (a complete calendar month in the export).

Confidence. ESTIMATE with a stated illustrative percentage; exact SKU delta CAN'T VERIFY without retail prices and performance requirements.

RESOURCE	RESOURCE GROUP	MONTHLY COST	RIGHTSIZING ESTIMATE	METERS
disk-overprovisioned-p40	rg-prod-data	$204.91	$61.47	P40 LRS Disk, P40 LRS Disk Operations

F-SNAP-OLD · Idle / orphaned resources · MEDIUM

2 snapshot(s) appear at least 30 days old (lower bound from the export)

$43.40
ESTIMATE / month

Recommendation. Compare these snapshots to your backup policy. Delete ones past retention, and move long-term copies to a cheaper vault/tier if they still need to be kept.

Assumption / basis. A snapshot is flagged when its charges appear from the first day of the export through a span of at least 30 days (this export covers 92 day(s)). That span is a *lower bound* on age — the actual creation time CAN'T VERIFY from a cost export and may be older. ESTIMATE equals the current monthly run-rate, i.e. the maximum savings if the snapshot is deleted after confirming it is not required for backup or restore. Monthly figures use the October 2026 run-rate (a complete calendar month in the export).

Confidence. Age is a lower bound from the export window (CAN'T VERIFY exact creation time). The dollar figure is an ESTIMATE of maximum monthly savings if deletion is appropriate.

RESOURCE	RESOURCE GROUP	SUBSCRIPTION	MONTHLY COST	OBSERVED SPAN DAYS	DAYS PRESENT	FIRST SEEN	LAST SEEN
snap-old-data-jan	rg-leftovers	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	$27.90	92	92	2026-08-01	2026-10-31
snap-old-os-2024	rg-leftovers	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	$15.50	92	92	2026-08-01	2026-10-31

F-PIP-REVIEW · Idle / orphaned resources · MEDIUM

3 public IP address(es) are incurring charges — association CAN'T VERIFY

$11.16
ESTIMATE / month

Recommendation. Review each public IP. Release any that are unassociated and not reserved for a planned failover. Keep IPs that are on a load balancer, VM, NAT gateway, or VPN gateway you still need, and any that must retain a stable address.

Assumption / basis. ESTIMATE equals the current monthly run-rate, which is the *maximum* savings if a public IP is unassociated (or otherwise unneeded) and is released. Association status CAN'T VERIFY from a Cost Management export — Standard public IPs are billed for the hours they exist, attached or not. Confirm in the portal (or Resource Graph) before deleting. Monthly figures use the October 2026 run-rate (a complete calendar month in the export).

Confidence. CAN'T VERIFY association from the CSV. The dollar figure is an ESTIMATE of maximum monthly savings if release is appropriate.

RESOURCE	RESOURCE GROUP	SUBSCRIPTION	MONTHLY COST	DAYS PRESENT
pip-orphaned-01	rg-leftovers	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	$3.72	92
pip-orphaned-02	rg-leftovers	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	$3.72	92
pip-prod-lb-01	rg-prod-network	EXAMPLE DATA - Lumen Trail Production (FICTIONAL)	$3.72	92

F-UNTAGGED · Governance · LOW No dollar claim

Untagged spend is 5% of the period ($663.28 USD)

Recommendation. Apply a required tag policy (at least env, owner, and application) and backfill tags on the highest-spend untagged resources listed below.

Assumption / basis. No direct dollar savings are claimed. Untagged resources block chargeback, environment-based shutdown, and ownership of other findings. A resource is untagged when the Tags column is empty, null, or '{}'.

Confidence. Observed from the Tags column in the export.

RESOURCE	RESOURCE GROUP	PERIOD COST
agw-prod-01	rg-prod-network	$310.00
disk-orphaned-std-01	rg-leftovers	$124.20
snap-old-data-jan	rg-leftovers	$82.80
disk-orphaned-std-02	rg-leftovers	$78.20
snap-old-os-2024	rg-leftovers	$46.00
pip-orphaned-01	rg-leftovers	$11.04
pip-orphaned-02	rg-leftovers	$11.04

Appendix: method, columns, and sources

How this file was read

Schema detected as: *Cost Details / usage details (Exports or Cost Details API, ActualCost or AmortizedCost) — https://learn.microsoft.com/en-us/azure/cost-management-billing/automate/understand-usage-details-fields*. Only a date column and a cost column are required; other findings degrade gracefully when optional columns are missing.

LOGICAL FIELD	HEADER USED IN THIS FILE	REQUIRED
`additional_info`	`AdditionalInfo`	no
`billing_currency`	`BillingCurrency`	no
`charge_type`	`ChargeType`	no
`consumed_service`	`ConsumedService`	no
`cost`	`CostInBillingCurrency`	yes
`date`	`Date`	yes
`meter_category`	`MeterCategory`	no
`meter_name`	`MeterName`	no
`meter_subcategory`	`MeterSubCategory`	no
`pricing_model`	`PricingModel`	no

LOGICAL FIELD	HEADER USED IN THIS FILE	REQUIRED
product_name	ProductName	no
quantity	Quantity	no
resource_group	ResourceGroup	no
resource_id	ResourceId	no
resource_location	ResourceLocation	no
resource_name	ResourceName	no
resource_type	ResourceType	no
subscription_id	SubscriptionId	no
subscription_name	SubscriptionName	no
tags	Tags	no
unit_of_measure	UnitOfMeasure	no

What each logical field means, and the Microsoft documentation it comes from, is in the README and in the source links below.

Discount ranges cited (Microsoft, retrieved 13 Nov 2026)

- Microsoft publishes a compute Savings Plan range of 11%–65% vs pay-as-you-go (65% is a 3-year term on one M64dsv2 Ubuntu VM in East US; Azure pricing as of January 2026). Source: azure.microsoft.com/en-us/pricing/offers/savings-plans https://azure.microsoft.com/en-us/pricing/offers/savings-plans
- Microsoft publishes a Reserved VM Instance range of 36%–72% vs pay-as-you-go (72% is a 3-year term on one M64ls SUSE Linux VM in East US; Azure pricing as of January 2026). Source: azure.microsoft.com/en-us/pricing/offers/reservations https://azure.microsoft.com/en-us/pricing/offers/reservations

Column documentation

- Usage / cost details fields: https://learn.microsoft.com/en-us/azure/cost-management-billing/automate/understand-usage-details-fields
- Pay-as-you-go file schema: https://learn.microsoft.com/en-us/azure/cost-management-billing/dataset-schema/cost-usage-details-pay-as-you-go
- Cost Details field list: https://learn.microsoft.com/en-us/azure/cost-management-billing/manage/review-subscription-billing
- Exports (ActualCost / AmortizedCost): https://learn.microsoft.com/en-us/azure/cost-management-billing/costs/ingest-azure-usage-at-scale

What a Cost Management export can and cannot show

- Disk attachment and public-IP association are **CAN'T VERIFY** from the CSV alone. Savings for those findings are the current run-rate (a maximum) pending a portal or Resource Graph check.
- Snapshot age is a lower bound based on how long the snapshot appears in the export window, not its creation timestamp.
- On an ActualCost export, reserved VM usage may show a low or zero Cost; the tool uses paygCostInBillingCurrency when that column is present.
- AmortizedCost exports spread reservation purchases across the term and are also accepted. The tool does not need Azure credentials.

Optional later enhancement: read-only API access

A later version could add optional Azure Resource Graph and Cost Management queries (Cost Management Reader + Reader only) to confirm unattached disks, unassociated public IPs, exact snapshot creation times, and Advisor reservation recommendations. That path is not required — a client's CSV export is the only input this version uses, and no secrets are stored.

Report generated by Oak & Mesa Azure FinOps Audit 1.0.0 from EXAMPLE_DATA_lumen_trail_software_cost_export.csv · 12:54 PM CT, November 13, 2026. EXAMPLE DATA — fictional company, not a real engagement.