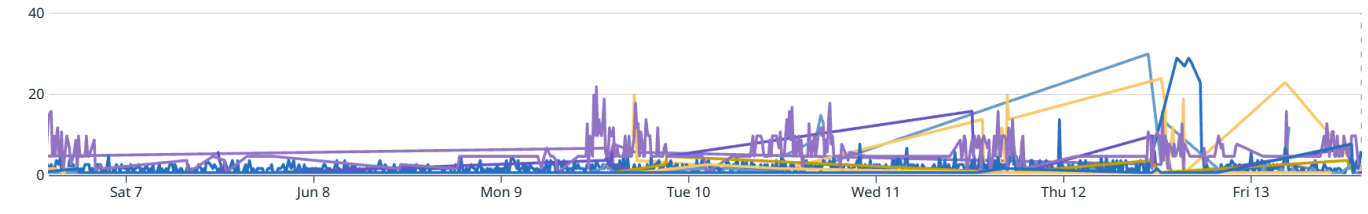
Datadog Agent Startup Investigation

Eric Swanson

Count by env over "source:datadog @evt.type:"Agent Startup""

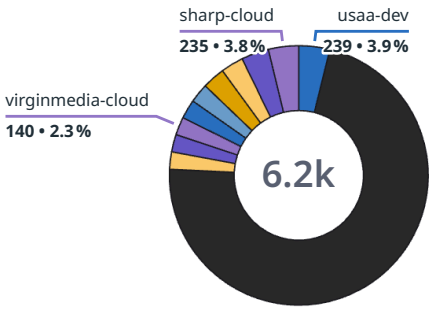
7d Past 7 Days



env in cutoff_max(exclude_null(count[source:datadog @evt.type:"Agent Startup"]), 30)	AVG	MIN	MAX	SUM	VALUE
azure/mc-mt/prod	1.23	1	3	102	—
gcp/mc-mt/dev	7.12	1	22	2,250	5.00
gcp/mc-mt/prod	1.42	1	3	27	—
gcp/mc-mt/staging	1.41	1	8	41	—

aws/st/prod env double-tagged by singletenant-* instance, most of the error logs

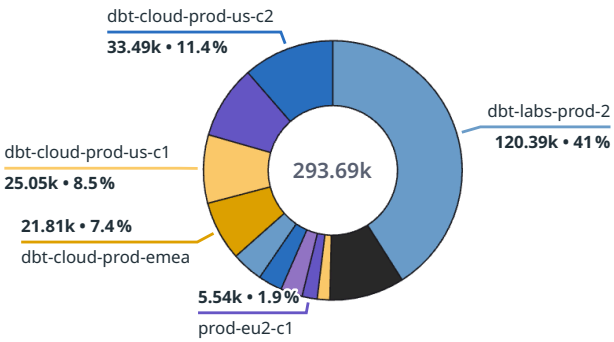
15m Past 15 Minutes



DBT_INSTANCE	COUNT	SHARE
usaa-dev	239	3.86 %
sharp-cloud	235	3.79 %
bhp-cloud	212	3.42 %
one-cloud	176	2.84 %
onsemi-cloud	175	2.82 %
usaa-prod	149	2.40 %
salesforce-cloud	147	2.37 %
virginmedia-cloud	140	2.26 %
siemens-d2go	135	2.18 %
ally-cloud	134	2.16 %

spans_malformed warning logs are mostly prod2

2d Past 2 Days

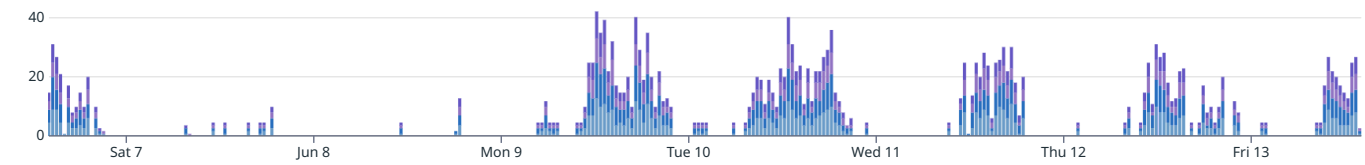


KUBE_CLUSTER_NAME	COUNT	SHARE
dbt-labs-prod-2	120.39k	40.99 %
dbt-cloud-prod-us-c2	33.49k	11.40 %
dbt-cloud-prod-us-c3	26.90k	9.16 %
dbt-cloud-prod-us-c1	25.05k	8.53 %
dbt-cloud-prod-emea	21.81k	7.43 %
aks-schneider-cloud	11.52k	3.92 %
bhp-cloud	8.83k	3.01 %
usaa-prod	8.02k	2.73 %
prod-eu2-c1	5.54k	1.89 %
usaa-dev	4.63k	1.58 %

GCP Agent Config Status

GCP Datadog Agent Starts by Host

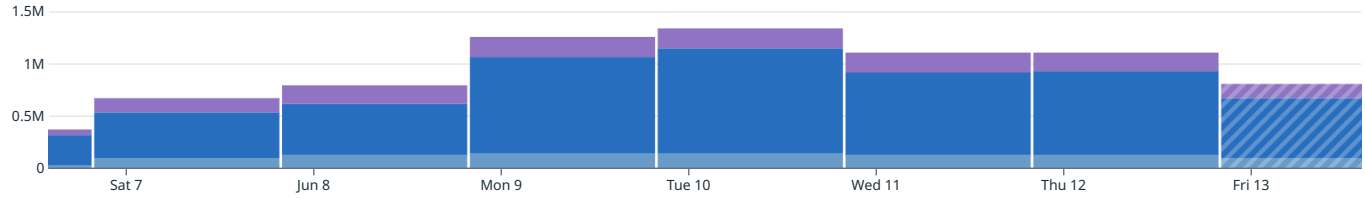
7d Past 7 Days



host in cutoff_max(exclude_null(count[source:datadog @evt.type:"Agent Startup" env:"gcp/mc-mt/dev"]), 30)	AVG	MIN	MAX	SUM	VALUE
gke-dev-gcp-dev-gcp-node-pool-standar-f4142c9b-53lg.c.sanguine-robot-448122.internal	3.24	1	9	450	2.00
gke-dev-gcp-dev-gcp-node-pool-standar-47107583-77cl.c.sanguine-robot-448122.internal	3.19	1	9	450	2.00
gke-dev-gcp-dev-gcp-node-pool-standar-47107583-6v7d	4.66	1	12	666	4.00
gke-dev-gcp-dev-gcp-node-pool-standar-35438a72-jz8s	4.65	1	13	669	4.00

GCP Datadog Agent Logs by status per day

7d Past 7 Days



status in count[pod_name:datadog* cloud_provider:gcp]	AVG	MIN	MAX	SUM	VALUE
warn	166k	51.1k	194k	1.16M	177k
info	716k	292.3k	1,003k	5.02M	791k
error	129k	36.7k	145k	0.91M	139k

Agent Errors

Datadog Agent Error Log Patterns

3d Past 3 Days

COUNT	~VOLUME	@CHECK	MESSAGE
≈136K	15K	redisdb	yyyy-MM-dd HH:mm:ss UTC | CORE | ERROR | (pkg/collector/worker/check_logger.go:71 in Error) | check:redisdb | Error running check: [{"message":"Authentication required.","traceback":"Traceback (most recent call last): File \"/opt/datadog- Show More
≈85.1K	9.2K		yyyy-MM-dd HH:mm:ss UTC | CORE | ERROR | (pkg/collector/python/datadog_agent.go:143 in LogMessage) | *:* | (base.py:77) | There was an error scraping endpoint http://10.12.XXX.XXX:XXXX/*/* HTTPConnectionPool(host='10.12.XXX.XXX', port=[10054-15692]): Max retries exceeded with url: /*/*

ERROR **May 11, 2025 at 6:39:56.000 am** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 10:39:56 UTC | CORE | ERROR | (pkg/collector/python/datadog_agent.go:143 in LogMessage) |
istio:d193971d174f381d | (base.py:77) | There was an error scraping endpoint http://10.12.5.103:15014/metrics:
503 Server Error: Service Unavailable for url: http://10.12.5.103:15014/metrics
```

TAGS

HOST	SERVICE	SOURCE
gke-staging-us3-c1-staging-us3-c1-no...	agent	agent

CONTAINER NAME	DOCKER IMAGE	POD NAME
agent	gcr.io/datadoghq/agent	datadog-q2n4v

automatic-restart:true availability-zone:us-east1-c cloud_provider:gcp cluster-location:us-east1 cluster-name:staging-us3-c1 cluster-ui... +61

EVENT ATTRIBUTES

Show More

ERROR **May 11, 2025 at 2:04:52.000 pm** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 18:04:52 UTC | CORE | ERROR | (pkg/collector/worker/check_logger.go:71 in Error) | check:istio |
Error running check: [{"message":"There was an error scraping endpoint http://10.12.10.223:15014/metrics: 503
Server Error: Service Unavailable for url: http://10.12.10.223:15014/metrics","traceback":"Traceback (most
recent call last):
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/datadog_checks/base/checks/base.py\", line
1298, in run
    self.check(instance)
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-
packages/datadog_checks/base/checks/openmetrics/v2/base.py\", line 78, in check
    raise_from(type(e)(\"There was an error scraping endpoint {}: {}\".format(endpoint, e)), None)
  File \"<string>\", line 3, in raise_from
requests.exceptions.HTTPError: There was an error scraping endpoint http://10.12.10.223:15014/metrics: 503
Server Error: Service Unavailable for url: http://10.12.10.223:15014/metrics
"}]
```

TAGS

Show More

ERROR **May 11, 2025 at 1:01:23.000 pm** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 17:01:23 UTC | CORE | ERROR | (pkg/collector/python/datadog_agent.go:143 in LogMessage) |
rabbitmq:e7a5b6f067748d7d | (base.py:77) | There was an error scraping endpoint
http://10.12.7.200:15692/metrics: HTTPConnectionPool(host='10.12.7.200', port=15692): Max retries exceeded with
url: /metrics (Caused by ConnectTimeoutError(<urllib3.connection.HTTPConnection object at 0x7b94c7e838f0>,
'Connection to 10.12.7.200 timed out. (connect timeout=10.0)'))
```

TAGS

HOST	SERVICE	SOURCE
gke-dev-gcp-dev-gcp-node-pool-stand...	agent	agent

CONTAINER NAME	DOCKER IMAGE	POD NAME
agent	gcr.io/datadoghq/agent	datadog-tdkx5

cloud_provider:gcp cluster-location:us-east1 cluster-name:dev-gcp cluster-uid:b6732e143c6146bba5f15f61c8f01ce9f4c0fce368224e68b7 +43

Show More

ERROR **May 11, 2025 at 11:12:00.000 am** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 15:12:00 UTC | CORE | ERROR | (pkg/collector/worker/check_logger.go:71 in Error) | check:rabbitmq |
Error running check: [{"message":"There was an error scraping endpoint http://10.12.1.182:15692/metrics:
HTTPConnectionPool(host='10.12.1.182', port=15692): Max retries exceeded with url: /metrics (Caused by
ConnectTimeoutError(<urllib3.connection.HTTPConnection object at 0x7c7ab09b67e0>, 'Connection to 10.12.1.182
timed out. (connect timeout=10.0)'))","traceback":"Traceback (most recent call last):
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/datadog_checks/base/checks/base.py\", line
1298, in run
    self.check(instance)
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-
packages/datadog_checks/base/checks/openmetrics/v2/base.py\", line 78, in check
    raise_from(type(e)(\"There was an error scraping endpoint {}: {}\".format(endpoint, e)), None)
  File \"<string>\", line 3, in raise_from
requests.exceptions.ConnectTimeout: There was an error scraping endpoint http://10.12.1.182:15692/metrics:
HTTPConnectionPool(host='10.12.1.182', port=15692): Max retries exceeded with url: /metrics (Caused by
ConnectTimeoutError(<urllib3.connection.HTTPConnection object at 0x7c7ab09b67e0>, 'Connection to 10.12.1.182
timed out. (connect timeout=10.0)'))
"}]
```

Show More

ERROR **May 09, 2025 at 6:06:43.000 pm** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-09 22:06:43 UTC | CORE | ERROR | (comp/core/autodiscovery/autodiscoveryimpl/config_poller.go:151 in poll) | Cache processing of cluster-checks configuration provider failed: "https://34.118.227.224:5005/api/v1/clusterchecks/status/gke-dev-gcp-dev-gcp-node-pool-standar-47107583-77cl.c.sanguine-robot-448122.internal" is unavailable: 502 Bad Gateway
```

TAGS

HOST	SERVICE	SOURCE
gke-dev-gcp-dev-gcp-node-pool-stand...	agent	agent

CONTAINER NAME	DOCKER IMAGE	POD NAME
agent	gcr.io/datadoghq/agent	datadog-x48n5

cloud_provider:gcp cluster-location:us-east1 cluster-name:dev-gcp cluster-uid:b6732e143c6146bba5f15f61c8f01ce9f4c0fce368224e68b7... +42

Show More

GC

Agent Warnings

GCP Datadog Agent Warning Log Patterns

7d Past 7 Days

COUNT	~VOLUME	SERVICE	MESSAGE
≈1.1M	118K	agent	yyyy-MM-dd HH:mm:ss UTC | CORE | WARN | (pkg/collector/python/datadog_agent.go:145 in LogMessage) | openmetrics:* | (limiter.py:69) | Check openmetrics exceeded limit of 2000 metrics, ignoring next ones
≈8K	2K	agent	yyyy-MM-dd HH:mm:ss UTC | CORE | WARN | (pkg/*/*/* in *) | Unknown environment variable: *
≈7K	2K	agent	yyyy-MM-dd HH:mm:ss UTC | SYS-PROBE | WARN | (pkg/*/*/* in *) | Unknown environment variable: *

WARN **May 11, 2025 at 5:50:24.000 am** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 09:50:24 UTC | CORE | WARN | (pkg/collector/python/datadog_agent.go:145 in LogMessage) |
openmetrics:c88fca177e58096 | (limiter.py:69) | Check openmetrics exceeded limit of 2000 metrics, ignoring next
ones
```

TAGS

HOST	SERVICE	SOURCE
gke-staging-us3-c1-staging-us3-c1-no...	agent	agent

CONTAINER NAME	DOCKER IMAGE	POD NAME
agent	gcr.io/datadoghq/agent	datadog-fjf8d

automatic-restart:true availability-zone:us-east1-d cloud_provider:gcp cluster-location:us-east1 cluster-name:staging-us3-c1 cluster-ui... +61

EVENT ATTRIBUTES

Show More

WARN **May 09, 2025 at 3:03:53.000 pm** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-09 19:03:53 UTC | CORE | WARN | (pkg/config/model/viper.go:237 in checkKnownKey) | config key
runtime_security_config.sbom.enabled is unknown
```

TAGS

HOST	SERVICE	SOURCE
gke-dev-gcp-dev-gcp-node-pool-stand...	agent	agent

CONTAINER NAME	DOCKER IMAGE	POD NAME
agent	gcr.io/datadoghq/agent	datadog-v86rz

cloud_provider:gcp cluster-location:us-east1 cluster-name:dev-gcp cluster-uid:b6732e143c6146bba5f15f61c8f01ce9f4c0fce368224e68b7... +42

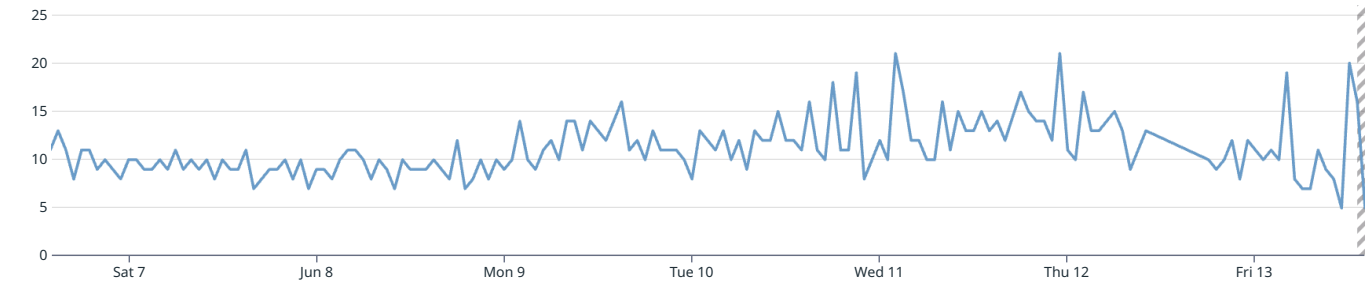
EVENT ATTRIBUTES

Show More

AWS ST Prod Agent Config Status

Hourly DD Agent Startup Counts in AWS ST Prod

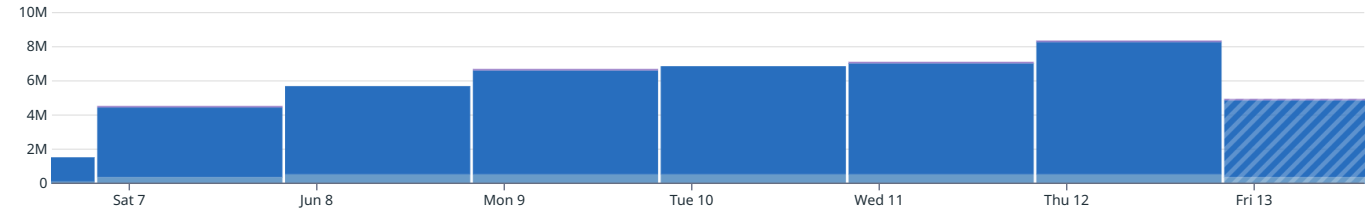
7d Past 7 Days



TAGS IN cutoff_max(exclude_null(count[source:datadog @evt.type:"Agent Startup" env:"aws/st/prod"]), 50)	AVG	MIN	MAX	SUM	VALUE
*	11.1	5	21	1.78k	—

AWS/ST/Prod Datadog Agent Logs by status per day

7d Past 7 Days



status in count[pod_name:datadog* env:"aws/st/prod" -env:"aws/st/staging" -dbt_instance:singletenant*]	AVG	MIN	MAX	SUM	VALUE
warn	50k	7.6k	147k	0.35M	147k
info	5,747k	1,419.7k	7,664k	40.23M	7,664k
error	520k	136.6k	573k	3.64M	573k

Error Events

Datadog Agent Error Log Patterns

3d Past 3 Days

COUNT	~VOLUME	@CHECK	MESSAGE
≈816K	85K	redisdb	yyyy-MM-dd HH:mm:ss UTC | CORE | ERROR | (pkg/collector/worker/check_logger.go:71 in Error) | check:redisdb | Error running check: [{"message":"Authentication required.","traceback":"Traceback (most recent call last): File \"/opt/datadog-agent/embedded/lib/python3.12/site- Show More
≈813K	85K	postgres	yyyy-MM-dd HH:mm:ss UTC | CORE | ERROR | (pkg/collector/worker/check_logger.go:71 in Error) | check:postgres | Error running check: [{"message":"connection to server at \"*.*.*.rds.amazonaws.com\" (10.XXX.XXX.XXX), port 5432 failed: FATAL: pg_hba.conf rejects connection for host \"10.12.XXX.XXX\", user \"datadog\", database

ERROR **May 11, 2025 at 12:31:37.000 am** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 04:31:37 UTC | CORE | ERROR | (pkg/collector/worker/check_logger.go:71 in Error) | check:postgres |
Error running check: [{"message":"connection to server at \"usaa-dev.cjz5ezy4ntpy.us-east-1.rds.amazonaws.com\"
(10.129.25.170), port 5432 failed: FATAL:  pg_hba.conf rejects connection for host \"10.12.95.100\", user
\"datadog\", database \"postgres\", no encryption
connection to server at \"usaa-dev.cjz5ezy4ntpy.us-east-1.rds.amazonaws.com\" (10.129.25.170), port 5432 failed:
FATAL:  PAM authentication failed for user \"datadog\"
","traceback":"Traceback (most recent call last):
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/datadog_checks/base/checks/base.py\", line
1284, in run
    initialization()
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/datadog_checks/postgres/postgres.py\", line
854, in _connect
    with self.db() as conn:
         ^^^^^^^^^
  File \"/opt/datadog-agent/embedded/lib/python3.12/contextlib.py\", line 137, in __enter__
    return next(self.gen)
           ^^^^^^^^^^^^^^
```

Show More

ERROR **May 11, 2025 at 10:21:54.000 am** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 14:21:54 UTC | CORE | ERROR | (pkg/collector/worker/check_logger.go:71 in Error) | check:redisdb |
Error running check: [{"message":"Error 113 connecting to 10.12.91.225:6379. No route to
host.","traceback":"Traceback (most recent call last):
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/redis/connection.py\", line 277, in connect
    sock = self.retry.call_with_retry(
           ^^^^^^^^^^^^^^^^^^^^^^^^^^
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/redis/retry.py\", line 62, in call_with_retry
    return do()
           ^^^^
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/redis/connection.py\", line 278, in <lambda>
    lambda: self._connect(), lambda error: self.disconnect(error)
            ^^^^^^^^^^^^^^^
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/redis/connection.py\", line 639, in _connect
    raise err
  File \"/opt/datadog-agent/embedded/lib/python3.12/site-packages/redis/connection.py\", line 627, in _connect
    sock.connect(socket_address)
OSError: [Errno 113] No route to host
```

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Warning Events

Datadog Agent Warning Log Patterns

3d Past 3 Days

COUNT	~VOLUME	@CHECK	MESSAGE
≈66.1K	7.3K		yyyy-MM-dd HH:mm:ss UTC | TRACE | WARN | (pkg/trace/info/stats.go:101 in LogAndResetStats) | [lang:python lang_version:3.12.[10-11] interpreter:CPython tracer_version:[2.11-2.60].[1-5] endpoint_version:v0.5 service:**] -> spans_malformed(span_name_truncate:[1-47]). Enable debug logging for more details.
≈11.9K	2.1K		yyyy-MM-dd HH:mm:ss UTC | CORE | WARN | (pkg/logs/launchers/container/tailerfactory/factory.go:95 in makeTailer) | Could not make file tailer for source container_collect_all (falling back to socket): cannot find pod for container "*": "*" not found
	6.6K		yyyy-MM-dd HH:mm:ss UTC | CORE | WARN | (pkg/config/model/viper.go:237 in

WARN **May 11, 2025 at 2:23:57.000 pm** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 18:23:57 UTC | TRACE | WARN | (pkg/trace/info/stats.go:101 in LogAndResetStats) | [lang:python lang_version:3.12.10 interpreter:CPython tracer_version:2.6.5 endpoint_version:v0.5 service:orc-dispatch] -> spans_malformed(span_name_truncate:1). Enable debug logging for more details.
```

TAGS

HOST	SERVICE	SOURCE
i-0accb94eb7cb321b9	agent	agent

CONTAINER NAME	DOCKER IMAGE	POD NAME
trace-agent	gcr.io/datadoghq/agent	datadog-agent-2w494

availability-zone:us-east-1b aws_account:850607893674 aws_autoscaling_groupname:usaa-prod-run-orc-worker-group2024091219383967... +51

EVENT ATTRIBUTES

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WARN **May 11, 2025 at 12:34:35.000 pm** (about 1 month ago) View Full Details

MESSAGE

```
2025-05-11 16:34:35 UTC | CORE | WARN | (pkg/util/log/log.go:886 in func1) | Unknown environment variable: DD_GIT_COMMIT_SHA
```

TAGS

HOST	SERVICE	SOURCE
i-0393b243c4b9cb617	agent	agent

CONTAINER NAME	DOCKER IMAGE	POD NAME
agent	gcr.io/datadoghq/agent	datadog-agent-jlh2b

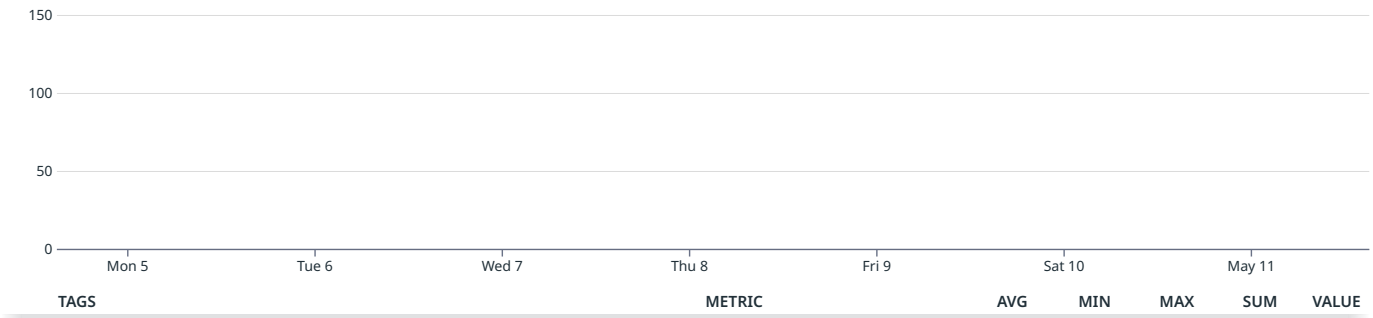
availability-zone:eu-west-2b aws_account:952445382732 aws_autoscaling_groupname:virginmedia-cloud-primary-worker-group20240110... +50

EVENT ATTRIBUTES

Show More

pod_name:datadog* -dbt_instance:singletenant* "spans_malformed"

7d May 4 - May 11



TAGS	METRIC	AVG	MIN	MAX	SUM	VALUE

WARN **May 11, 2025 at 12:50:42.000 pm** (about 1 month ago)

View Full Details

MESSAGE

```
2025-05-11 16:50:42 UTC | TRACE | WARN | (pkg/trace/info/stats.go:101 in LogAndResetStats) | [lang:python
lang_version:3.12.10 interpreter:CPython tracer_version:2.6.5 endpoint_version:v0.5 service:aws.s3] ->
spans_malformed(span_name_truncate:1). Enable debug logging for more details.
```

TAGS

HOST
i-0eeed162934ee062b

SERVICE
agent

SOURCE
agent

CONTAINER NAME
trace-agent

DOCKER IMAGE
gcr.io/datadoghq/agent

POD NAME
datadog-agent-mgprz

availability-zone:eu-west-2c aws_account:952445382732 aws_autoscaling_groupname:virginmedia-cloud-primary-worker-group20240110... +51

EVENT ATTRIBUTES

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