

Taller de Chaos engineering

Carlos Felipe Agudelo Ospina

1. Traza de ejecución en consola

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1:java
2018-10-22 23:36:20.852 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:128] Janitor Monkey is leashed, no notification is sent
.
2018-10-22 23:36:20.852 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:131] Cleaning resources with 5 janitors.
2018-10-22 23:36:21.005 - INFO SimpleDBJanitorResourceTracker - [SimpleDBJanitorResourceTracker.java:117] Retrieved 0 resources from
SimpleDB in domain SIMIAN_ARMY
for resource type ASG and state MARKED and region us-west-2
2018-10-22 23:36:21.005 - INFO AbstractJanitor - [AbstractJanitor.java:313] Checking 0 marked resources for cleanup. LeashMode=true
2018-10-22 23:36:21.006 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:139] Cleaned 0 resources of type ASG in the last run.
2018-10-22 23:36:21.006 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:141] Failed to clean 0 resources of type ASG in the las
t run.
2018-10-22 23:36:21.158 - INFO SimpleDBJanitorResourceTracker - [SimpleDBJanitorResourceTracker.java:117] Retrieved 0 resources from
SimpleDB in domain SIMIAN_ARMY
for resource type INSTANCE and state MARKED and region us-west-2
2018-10-22 23:36:21.158 - INFO AbstractJanitor - [AbstractJanitor.java:313] Checking 0 marked resources for cleanup. LeashMode=true
2018-10-22 23:36:21.159 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:139] Cleaned 0 resources of type INSTANCE in the last r
un.
2018-10-22 23:36:21.159 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:141] Failed to clean 0 resources of type INSTANCE in th
e last run.
2018-10-22 23:36:21.313 - INFO SimpleDBJanitorResourceTracker - [SimpleDBJanitorResourceTracker.java:117] Retrieved 0 resources from
SimpleDB in domain SIMIAN_ARMY
for resource type EBS_VOLUME and state MARKED and region us-west-2
2018-10-22 23:36:21.314 - INFO AbstractJanitor - [AbstractJanitor.java:313] Checking 0 marked resources for cleanup. LeashMode=true
2018-10-22 23:36:21.314 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:139] Cleaned 0 resources of type EBS_VOLUME in the last
run.
2018-10-22 23:36:21.314 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:141] Failed to clean 0 resources of type EBS_VOLUME in
the last run.
2018-10-22 23:36:21.469 - INFO SimpleDBJanitorResourceTracker - [SimpleDBJanitorResourceTracker.java:117] Retrieved 0 resources from
SimpleDB in domain SIMIAN_ARMY
for resource type EBS_SNAPSHOT and state MARKED and region us-west-2
2018-10-22 23:36:21.470 - INFO AbstractJanitor - [AbstractJanitor.java:313] Checking 0 marked resources for cleanup. LeashMode=true
2018-10-22 23:36:21.470 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:139] Cleaned 0 resources of type EBS_SNAPSHOT in the la
st run.
2018-10-22 23:36:21.470 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:141] Failed to clean 0 resources of type EBS_SNAPSHOT i
n the last run.
2018-10-22 23:36:21.624 - INFO SimpleDBJanitorResourceTracker - [SimpleDBJanitorResourceTracker.java:117] Retrieved 0 resources from
SimpleDB in domain SIMIAN_ARMY
for resource type LAUNCH_CONFIG and state MARKED and region us-west-2
2018-10-22 23:36:21.624 - INFO AbstractJanitor - [AbstractJanitor.java:313] Checking 0 marked resources for cleanup. LeashMode=true
2018-10-22 23:36:21.625 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:139] Cleaned 0 resources of type LAUNCH_CONFIG in the l
ast run.
2018-10-22 23:36:21.625 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:141] Failed to clean 0 resources of type LAUNCH_CONFIG
in the last run.
2018-10-22 23:36:22.182 - INFO AWSEmailNotifier - [AWSEmailNotifier.java:88] Email to cf.agudelo12@uniandes.edu.co, result id is 010
001669f359994-21985e71-df30-467c-a7ef-546531bb6b80-000000, subject is Janitor monkey execution summary (default, us-west-2)
2018-10-22 23:36:22.182 - INFO Monkey - [Monkey.java:138] Reporting what I did...

> Building 75% > :jettyRun > Running at http://localhost:8080/simianarmy
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1:java
ed as a cleanup candidate.
2018-10-22 23:37:25.959 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:119] Marked 0 resources of type EBS_VOLUME in the last
run.
2018-10-22 23:37:25.959 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:121] Unmarked 0 resources of type EBS_VOLUME in the las
t run.
2018-10-22 23:37:25.960 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:112] Running EBS_SNAPSHOT janitor for region us-west-2
2018-10-22 23:37:26.113 - INFO SimpleDBJanitorResourceTracker - [SimpleDBJanitorResourceTracker.java:117] Retrieved 0 resources from
SimpleDB in domain SIMIAN_ARMY
for resource type EBS_SNAPSHOT and state MARKED and region us-west-2
2018-10-22 23:37:26.114 - INFO AWSClient - [AWSClient.java:725] Getting all AMIs in region us-west-2.
2018-10-22 23:37:26.428 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:37:26.428 - INFO AWSClient - [AWSClient.java:379] Getting ELBs for 1 names in region us-west-2.
2018-10-22 23:37:27.273 - INFO AWSClient - [AWSClient.java:386] Got 1 ELBs in region us-west-2.
2018-10-22 23:37:27.275 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:159] Cluster awseb-e-vh5zppfdyuy-stack-AWSEBAutoSc
alingGroup-1M7ZY5VK5LLN5 is not conforming
2018-10-22 23:37:27.275 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:166] The conformity monkey is leashed, no data ch
ange is made for cluster awseb-e-vh5zppfdyuy-stack-AWSEBAutoScalingGroup-1M7ZY5VK5LLN5.
2018-10-22 23:37:27.276 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule InstanceInSecurityGroup
on cluster monkey-target
2018-10-22 23:37:27.276 - INFO AWSClient - [AWSClient.java:465] Getting EC2 instances for 1 ids in region us-west-2.
2018-10-22 23:37:27.949 - INFO AWSClient - [AWSClient.java:480] Got 1 EC2 instances in region us-west-2.
2018-10-22 23:37:27.949 - INFO InstanceInSecurityGroup - [InstanceInSecurityGroup.java:153] Instance i-0eb21b5554f2dc03f is in VPC a
nd is ignored.
2018-10-22 23:37:27.950 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule InstanceTooOld on clust
er monkey-target
2018-10-22 23:37:27.950 - INFO AWSClient - [AWSClient.java:465] Getting EC2 instances for 1 ids in region us-west-2.
2018-10-22 23:37:28.633 - INFO AWSClient - [AWSClient.java:480] Got 1 EC2 instances in region us-west-2.
2018-10-22 23:37:28.634 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule SameZonesInElbAndAsg on
cluster monkey-target
2018-10-22 23:37:28.634 - INFO AWSClient - [AWSClient.java:346] Getting auto-scaling groups for 1 names in region us-west-2.
2018-10-22 23:37:29.352 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:37:29.353 - INFO AWSClient - [AWSClient.java:346] Getting auto-scaling groups for 1 names in region us-west-2.
2018-10-22 23:37:30.021 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:37:30.021 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:156] Cluster monkey-target is conforming
2018-10-22 23:37:30.022 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:166] The conformity monkey is leashed, no data ch
ange is made for cluster monkey-target.
2018-10-22 23:37:30.022 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:174] Conformity monkey is leashed, no notificatio
n is sent.
2018-10-22 23:37:30.504 - INFO AWSEmailNotifier - [AWSEmailNotifier.java:88] Email to cf.agudelo12@uniandes.edu.co, result id is 010
001669f36a457-15f0876d-ebd2-4706-9412-7cd5dfc1a155-000000, subject is Conformity monkey execution summary (us-west-2)
2018-10-22 23:37:30.504 - INFO Monkey - [Monkey.java:138] Reporting what I did...

> Building 75% > :jettyRun > Running at http://localhost:8080/simianarmy
```



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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: java
2018-10-22 23:48:29.264 - INFO AbstractJanitor - [AbstractJanitor.java:246] Looking for cleanup cand got lucky
ashMode=true
2018-10-22 23:48:29.264 - INFO BasicJanitorRuleEngine - [BasicJanitorRuleEngine.java:101] Resource vol-02ce2c95f968f0f93 is not mark
ed as a cleanup candidate.
2018-10-22 23:48:29.265 - INFO BasicJanitorRuleEngine - [BasicJanitorRuleEngine.java:101] Resource vol-0e8f8ef5ef22ef049 is not mark
ed as a cleanup candidate.
2018-10-22 23:48:29.265 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:119] Marked 0 resources of type EBS_VOLUME in the last
run.
2018-10-22 23:48:29.266 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:121] Unmarked 0 resources of type EBS_VOLUME in the las
t run.
2018-10-22 23:48:29.270 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:112] Running EBS_SNAPSHOT janitor for region us-west-2
2018-10-22 23:48:29.434 - INFO SimpleDBJanitorResourceTracker - [SimpleDBJanitorResourceTracker.java:117] Retrieved 0 resources from
SimpleDB in domain SIMIAN_ARMY
2018-10-22 23:48:29.435 - INFO AWSClient - [AWSClient.java:725] Getting all AMIs in region us-west-2.
2018-10-22 23:48:29.790 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:48:29.790 - INFO AWSClient - [AWSClient.java:379] Getting ELBs for 1 names in region us-west-2.
2018-10-22 23:48:30.645 - INFO AWSClient - [AWSClient.java:386] Got 1 ELBs in region us-west-2.
2018-10-22 23:48:30.646 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:159] Cluster awseb-e-vh5zppfdyduy-stack-AWSEBAutoSc
alingGroup-1M7ZY5VK5LLN5 is not conforming
2018-10-22 23:48:30.646 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:166] The conformity monkey is leashed, no data ch
ange is made for cluster awseb-e-vh5zppfdyduy-stack-AWSEBAutoScalingGroup-1M7ZY5VK5LLN5.
2018-10-22 23:48:30.646 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule InstanceInSecurityGroup
on cluster monkey-target
2018-10-22 23:48:30.647 - INFO AWSClient - [AWSClient.java:465] Getting EC2 instances for 1 ids in region us-west-2.
2018-10-22 23:48:31.352 - INFO AWSClient - [AWSClient.java:480] Got 1 EC2 instances in region us-west-2.
2018-10-22 23:48:31.352 - INFO InstanceInSecurityGroup - [InstanceInSecurityGroup.java:153] Instance i-0eb21b5554f2dc03f is in VPC a
nd is ignored.
2018-10-22 23:48:31.353 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule InstanceTooOld on clust
er monkey-target
2018-10-22 23:48:31.353 - INFO AWSClient - [AWSClient.java:465] Getting EC2 instances for 1 ids in region us-west-2.
2018-10-22 23:48:32.012 - INFO AWSClient - [AWSClient.java:480] Got 1 EC2 instances in region us-west-2.
2018-10-22 23:48:32.013 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule SameZonesInElbAndAsg on
cluster monkey-target
2018-10-22 23:48:32.013 - INFO AWSClient - [AWSClient.java:346] Getting auto-scaling groups for 1 names in region us-west-2.
2018-10-22 23:48:32.765 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:48:32.766 - INFO AWSClient - [AWSClient.java:346] Getting auto-scaling groups for 1 names in region us-west-2.
2018-10-22 23:48:33.431 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:48:33.431 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:156] Cluster monkey-target is conforming
2018-10-22 23:48:33.432 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:166] The conformity monkey is leashed, no data ch
ange is made for cluster monkey-target.
2018-10-22 23:48:33.432 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:174] Conformity monkey is leashed, no notificatio
n is sent.
2018-10-22 23:48:33.970 - INFO AWSEmailNotifier - [AWSEmailNotifier.java:88] Email to cf.agudelo12@uniandes.edu.co, result id is 010
001669f40c3e5-794a54d7-91ba-41f6-b9e4-191ded2015ff-000000, subject is Conformity monkey execution summary (us-west-2)
2018-10-22 23:48:33.971 - INFO Monkey - [Monkey.java:138] Reporting what I did...

> Building 75% > :jettyRun > Running at http://localhost:8080/simianarmy
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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL 1: java
2018-10-22 23:50:19.779 - INFO AbstractJanitor - [AbstractJanitor.java:246] Looking for cleanup cand got lucky
ashMode=true
2018-10-22 23:50:19.779 - INFO BasicJanitorRuleEngine - [BasicJanitorRuleEngine.java:101] Resource vol-02ce2c95f968f0f93 is not mark
ed as a cleanup candidate.
2018-10-22 23:50:19.779 - INFO BasicJanitorRuleEngine - [BasicJanitorRuleEngine.java:101] Resource vol-0e8f8ef5ef22ef049 is not mark
ed as a cleanup candidate.
2018-10-22 23:50:19.780 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:119] Marked 0 resources of type EBS_VOLUME in the last
run.
2018-10-22 23:50:19.782 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:121] Unmarked 0 resources of type EBS_VOLUME in the las
t run.
2018-10-22 23:50:19.783 - INFO BasicJanitorMonkey - [BasicJanitorMonkey.java:112] Running EBS_SNAPSHOT janitor for region us-west-2
2018-10-22 23:50:19.938 - INFO SimpleDBJanitorResourceTracker - [SimpleDBJanitorResourceTracker.java:117] Retrieved 0 resources from
SimpleDB in domain SIMIAN_ARMY
2018-10-22 23:50:19.939 - INFO AWSClient - [AWSClient.java:725] Getting all AMIs in region us-west-2.
2018-10-22 23:50:20.262 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:50:20.263 - INFO AWSClient - [AWSClient.java:379] Getting ELBs for 1 names in region us-west-2.
2018-10-22 23:50:21.047 - INFO AWSClient - [AWSClient.java:386] Got 1 ELBs in region us-west-2.
2018-10-22 23:50:21.047 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:159] Cluster awseb-e-vh5zppfdyduy-stack-AWSEBAutoSc
alingGroup-1M7ZY5VK5LLN5 is not conforming
2018-10-22 23:50:21.047 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:166] The conformity monkey is leashed, no data ch
ange is made for cluster awseb-e-vh5zppfdyduy-stack-AWSEBAutoScalingGroup-1M7ZY5VK5LLN5.
2018-10-22 23:50:21.048 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule InstanceInSecurityGroup
on cluster monkey-target
2018-10-22 23:50:21.048 - INFO AWSClient - [AWSClient.java:465] Getting EC2 instances for 1 ids in region us-west-2.
2018-10-22 23:50:21.664 - INFO AWSClient - [AWSClient.java:480] Got 1 EC2 instances in region us-west-2.
2018-10-22 23:50:21.664 - INFO InstanceInSecurityGroup - [InstanceInSecurityGroup.java:153] Instance i-0eb21b5554f2dc03f is in VPC a
nd is ignored.
2018-10-22 23:50:21.664 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule InstanceTooOld on clust
er monkey-target
2018-10-22 23:50:21.665 - INFO AWSClient - [AWSClient.java:465] Getting EC2 instances for 1 ids in region us-west-2.
2018-10-22 23:50:22.321 - INFO AWSClient - [AWSClient.java:480] Got 1 EC2 instances in region us-west-2.
2018-10-22 23:50:22.321 - INFO ConformityRuleEngine - [ConformityRuleEngine.java:49] Running conformity rule SameZonesInElbAndAsg on
cluster monkey-target
2018-10-22 23:50:22.321 - INFO AWSClient - [AWSClient.java:346] Getting auto-scaling groups for 1 names in region us-west-2.
2018-10-22 23:50:22.992 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:50:22.993 - INFO AWSClient - [AWSClient.java:346] Getting auto-scaling groups for 1 names in region us-west-2.
2018-10-22 23:50:23.700 - INFO AWSClient - [AWSClient.java:365] Got 1 auto-scaling groups in region us-west-2.
2018-10-22 23:50:23.701 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:156] Cluster monkey-target is conforming
2018-10-22 23:50:23.702 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:166] The conformity monkey is leashed, no data ch
ange is made for cluster monkey-target.
2018-10-22 23:50:23.702 - INFO BasicConformityMonkey - [BasicConformityMonkey.java:174] Conformity monkey is leashed, no notificatio
n is sent.
2018-10-22 23:50:24.442 - INFO AWSEmailNotifier - [AWSEmailNotifier.java:88] Email to cf.agudelo12@uniandes.edu.co, result id is 010
001669f427380-fa7a06f8-c499-42d7-9c80-8b8289f50500-000000, subject is Conformity monkey execution summary (us-west-2)
2018-10-22 23:50:24.442 - INFO Monkey - [Monkey.java:138] Reporting what I did...

> Building 75% > :jettyRun > Running at http://localhost:8080/simianarmy
```

2. Consultas del API REST

GET http://localhost:8080/simianarmy

No Environment

http://localhost:8080/simianarmy/api/v1/chaos

GET

http://localhost:8080/simianarmy/api/v1/chaos

Send

Save

Params

Authorization

Headers

Body

Pre-request Script

Tests

Cookies

Code

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body

Cookies

Headers (3)

Test Results

Status: 200 OK

Time: 333 ms

Size: 104 B

Download

Pretty

Raw

Preview

JSON

1

GET http://localhost:8080/simianarmy

No Environment

http://localhost:8080/simianarmy/api/v1/chaos

GET

http://localhost:8080/simianarmy/api/v1/chaos

Send

Save

Params

Authorization

Headers

Body

Pre-request Script

Tests

Cookies

Code

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body

Cookies

Headers (3)

Test Results

Status: 200 OK

Time: 562 ms

Size: 104 B

Download

Pretty

Raw

Preview

JSON

1

GET http://localhost:8080/simianarmy

No Environment

http://localhost:8080/simianarmy/api/v1/chaos

GET

http://localhost:8080/simianarmy/api/v1/chaos

Send

Save

Params

Authorization

Headers

Body

Pre-request Script

Tests

Cookies

Code

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body

Cookies

Headers (3)

Test Results

Status: 200 OK

Time: 289 ms

Size: 104 B

Download

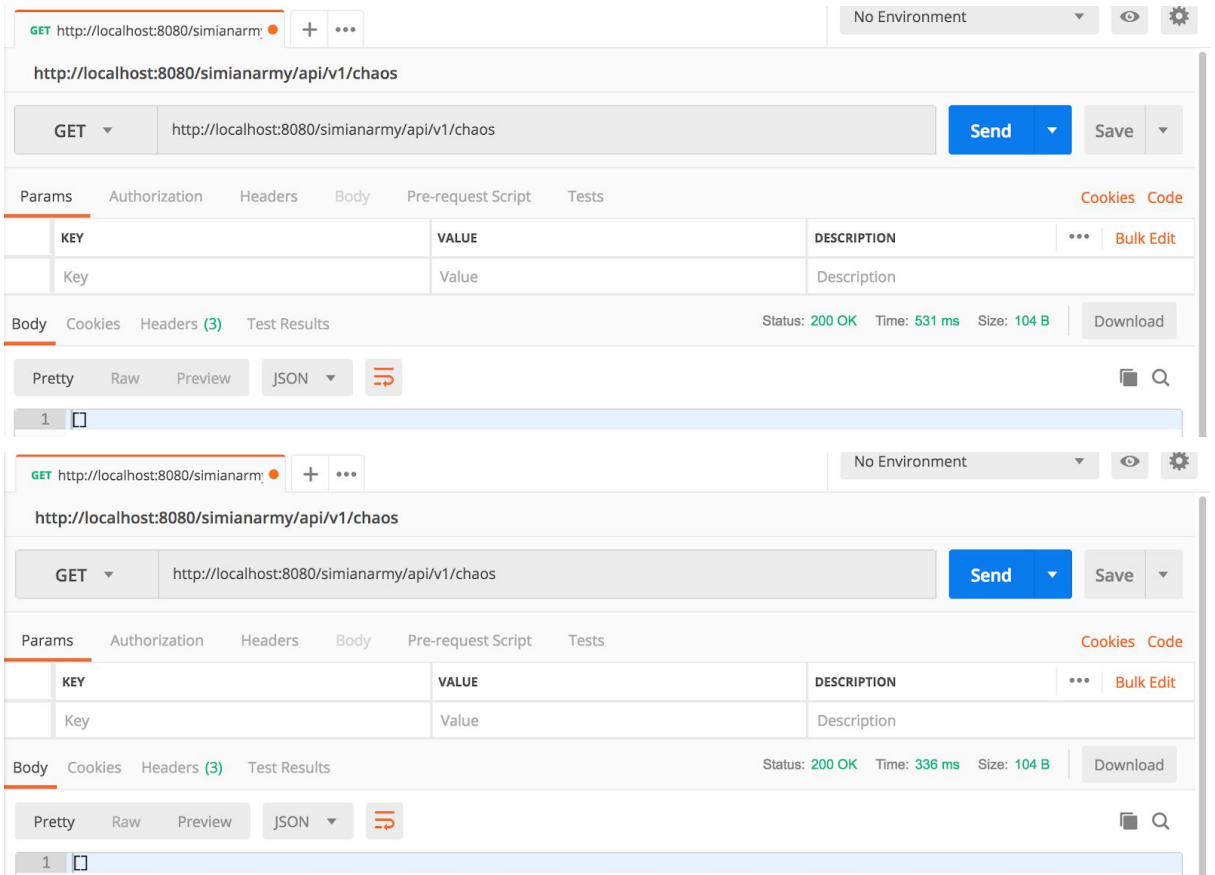
Pretty

Raw

Preview

JSON

1



3. Correos recibidos

Conformity Monkey Notification for cf.agudelo12@uniandes.edu.co



cf.agudelo12@uniandes.edu.co

Hoy, 12:34 a.m.

Carlos Felipe Agudelo Ospina



Responder a todos

Conformity Report

The following is a list of failed conformity rules for your cluster(s).

Cluster	Region	Rule	Failed Components
awseb-e-vh5zppfdy-stack-AWSEBAutoScalingGroup-1M7ZY5VK5LLN5	us-west-2	Instances are older than 180 days	i-0b957e88eefb90bdf

Conformity Monkey wiki: <https://github.com/Netflix/SimianArmy/wiki>

¿Obtiene demasiados correos electrónicos de cf.agudelo12@uniandes.edu.co? [Puede cancelar la suscripción](#)

Conformity monkey execution summary (us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 12:20 a.m.

Carlos Felipe Agudelo Ospina



Responder a todos



Total nonconforming clusters = 1 in region us-west-2

List: awseb-e-vh5zpfdy-stack-AWSEBAutoScalingGroup-1M7ZY5VK5LLN5

Total failed to check clusters = 0 in region us-west-2

List:

Total nonexistent clusters = 0 in region us-west-2

List:

Total conforming clusters = 1 in region us-west-2

¿Obtiene demasiados correos electrónicos de cf.agudelo12@uniandes.edu.co? [Puede cancelar la suscripción](#)

Janitor monkey execution summary (default, us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:56 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos



Total markings for ASG = 0 in region us-west-2

List:

Total unmarkings for ASG = 0 in region us-west-2

List:

Total cleanups for ASG = 0 in region us-west-2

List:

Total cleanup failures for ASG = 0 in region us-west-2

List:

Total markings for INSTANCE = 0 in region us-west-2

List:

Total unmarkings for INSTANCE = 0 in region us-west-2

List:

Total cleanups for INSTANCE = 0 in region us-west-2

List:

Total cleanup failures for INSTANCE = 0 in region us-west-2

List:

Total markings for EBS_VOLUME = 0 in region us-west-2

List:

Total unmarkings for EBS_VOLUME = 0 in region us-west-2

Janitor monkey execution summary (default, us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:53 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos

Total markings for ASG = 0 in region us-west-2

List:

Total unmarkings for ASG = 0 in region us-west-2

List:

Total cleanups for ASG = 0 in region us-west-2

List:

Total cleanup failures for ASG = 0 in region us-west-2

List:

Total markings for INSTANCE = 0 in region us-west-2

List:

Total unmarkings for INSTANCE = 0 in region us-west-2

List:

Total cleanups for INSTANCE = 0 in region us-west-2

List:

Total cleanup failures for INSTANCE = 0 in region us-west-2

List:

Total markings for EBS_VOLUME = 0 in region us-west-2

List:

Total unmarkings for EBS_VOLUME = 0 in region us-west-2

Conformity monkey execution summary (us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:48 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos

Total nonconforming clusters = 1 in region us-west-2

List: awseb-e-vh5zppfduy-stack-AWSEBAutoScalingGroup-1M7ZY5VK5LLN5

Total failed to check clusters = 0 in region us-west-2

List:

Total nonexistent clusters = 0 in region us-west-2

List:

Total conforming clusters = 1 in region us-west-2

¿Obtiene demasiados correos electrónicos de cf.agudelo12@uniandes.edu.co? [Puede cancelar la suscripción](#)

Janitor monkey execution summary (default, us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:47 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos | v

Total markings for ASG = 0 in region us-west-2

List:

Total unmarkings for ASG = 0 in region us-west-2

List:

Total cleanups for ASG = 0 in region us-west-2

List:

Total cleanup failures for ASG = 0 in region us-west-2

List:

Total markings for INSTANCE = 0 in region us-west-2

List:

Total unmarkings for INSTANCE = 0 in region us-west-2

List:

Total cleanups for INSTANCE = 0 in region us-west-2

List:

Total cleanup failures for INSTANCE = 0 in region us-west-2

List:

Total markings for EBS_VOLUME = 0 in region us-west-2

List:

Total unmarkings for EBS_VOLUME = 0 in region us-west-2

Conformity monkey execution summary (us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:44 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos | v

Total nonconforming clusters = 1 in region us-west-2

List: awseb-e-vh5zpfpduy-stack-AWSEBAutoScalingGroup-1M7ZY5VK5LLN5

Total failed to check clusters = 0 in region us-west-2

List:

Total nonexistent clusters = 0 in region us-west-2

List:

Total conforming clusters = 1 in region us-west-2

¿Obtiene demasiados correos electrónicos de cf.agudelo12@uniandes.edu.co? [Puede cancelar la suscripción](#)

Janitor monkey execution summary (default, us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:40 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos |

Total markings for ASG = 0 in region us-west-2

List:

Total unmarkings for ASG = 0 in region us-west-2

List:

Total cleanups for ASG = 0 in region us-west-2

List:

Total cleanup failures for ASG = 0 in region us-west-2

List:

Total markings for INSTANCE = 0 in region us-west-2

List:

Total unmarkings for INSTANCE = 0 in region us-west-2

List:

Total cleanups for INSTANCE = 0 in region us-west-2

List:

Total cleanup failures for INSTANCE = 0 in region us-west-2

List:

Total markings for EBS_VOLUME = 0 in region us-west-2

List:

Total unmarkings for EBS_VOLUME = 0 in region us-west-2

Conformity monkey execution summary (us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:37 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos |

Total nonconforming clusters = 1 in region us-west-2

List: awseb-e-vh5zpfdy-aws-ec2-ami-ami-1M7ZY5VK5LLN5

Total failed to check clusters = 0 in region us-west-2

List:

Total nonexistent clusters = 0 in region us-west-2

List:

Total conforming clusters = 1 in region us-west-2

¿Obtiene demasiados correos electrónicos de cf.agudelo12@uniandes.edu.co? [Puede cancelar la suscripción](#)

Janitor monkey execution summary (default, us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:36 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos

Total markings for ASG = 0 in region us-west-2

List:

Total unmarkings for ASG = 0 in region us-west-2

List:

Total cleanups for ASG = 0 in region us-west-2

List:

Total cleanup failures for ASG = 0 in region us-west-2

List:

Total markings for INSTANCE = 0 in region us-west-2

List:

Total unmarkings for INSTANCE = 0 in region us-west-2

List:

Total cleanups for INSTANCE = 0 in region us-west-2

List:

Total cleanup failures for INSTANCE = 0 in region us-west-2

List:

Total markings for EBS_VOLUME = 0 in region us-west-2

List:

Total unmarkings for EBS_VOLUME = 0 in region us-west-2

Conformity monkey execution summary (us-west-2)



cf.agudelo12@uniandes.edu.co

Hoy, 11:33 p.m.

Carlos Felipe Agudelo Ospina



Responder a todos

Total nonconforming clusters = 1 in region us-west-2

List: awseb-e-vh5zppfduy-stack-AWSEBAutoScalingGroup-1M7ZY5VK5LLN5

Total failed to check clusters = 0 in region us-west-2

List:

Total nonexistent clusters = 0 in region us-west-2

List:

Total conforming clusters = 1 in region us-west-2

¿Obtiene demasiados correos electrónicos de cf.agudelo12@uniandes.edu.co? [Puede cancelar la suscripción](#)

4. **Chaos monkey strategies:** Las siguientes propiedades pueden configurarse en el chaos monkey a la hora de su ejecución.

- a. `simianarmy.chaos.terminateOnDemand.enabled`: Permite terminar el monkey por demanda haciendo uso del servicio REST.

- b. `simianarmy.chaos.mandatoryTermination...`: Permite configurar la terminación mandatoria de instancias que opten por usar la ventana de tiempo de terminación mandatoria. Se puede configurar de este si está habilitado, la duración de la ventana para terminación obligatoria, la probabilidad de que ocurra la terminación.
 - c. `simianarmy.chaos.ASG...`: Permite configurar el chaos monkey para que actúe sobre todos los grupos de Auto Scaling a menos que estos específicamente no lo permitan. Sobre estas propiedades pueden configurarse si están habilitadas o no, la probabilidad de que ocurran terminaciones en el día, número máximo de terminaciones por día, y configuraciones especiales por grupo de Auto Scaling.
 - d. `simianarmy.chaos.notification...`: Permite configurar a quién y qué información se le dará como notificación a alguien antes de que se realicen las terminaciones.
5. **Janitor monkey rules:** Un janitor monkey busca recursos que no están siendo utilizados para limpiarlos. Para llevar a cabo la limpieza el monkey aplica cierto conjunto de reglas para determinar si una instancia debe ser limpiada o no. Se tiende a configurar de este monkey su horario de ejecución de limpieza, las reglas para determinar la terminación de una instancia y las reglas para notificar sobre la terminación de una instancia.
- a. **Reglas del horario:**
 - i. `simianarmy.scheduler...`: Permite configurar la frecuencia con la que el janitor se despierta.
 - ii. `simianarmy.calendar...`: Define reglas sobre la franja horaria en la cual el janitor puede correr.
 - b. **Reglas generales:**
 - i. `simianarmy.janitor.enabled`: Prende el janitor monkey para ejecución.
 - ii. `simianarmy.janitor.leashed`: Da o quita el permiso de terminar recursos.
 - c. **Reglas de notificación:**
 - i. `simianarmy.janitor.notification...`: Permite definir reglas sobre a quién notificarle sobre la futura limpieza de instancias y cuando notificarle.
 - d. **Reglas de terminación de instancias:**
 - i. `simianarmy.janitor.enabledResources`: Define qué tipo de recursos el janitor puede limpiar.

- ii. `simianarmy.janitor.rule.orphanedInstanceRule...`: Define reglas sobre la limpieza de instancias que no pertenecen a algún auto scaling group.
- iii. `simianarmy.janitor.rule.oldDetachedVolumeRule...`: Define reglas sobre la limpieza de volúmenes de EBS que no se encuentran asociados a alguna instancia.
- iv. `simianarmy.janitor.rule.noGeneratedAMIRule...`: Define reglas sobre la limpieza de snapshots que no tienen imágenes que se hayan generados de estos y que se hayan lanzado de estos.
- v. `simianarmy.janitor.rule.oldEmptyASGRule...`: Define reglas de limpieza de Auto Scaling Groups que no tienen instancias activas y que están viejos en general.
- vi. `simianarmy.janitor.rule.suspendedASGRule...`: Define reglas de Auto Scaling Groups suspendidos del Load Balancer y que no tienen instancias activas.
- vii. `simianarmy.janitor.rule.oldUnusedLaunchConfigRule...`: Define reglas de limpieza para launch configurations que no están siendo usadas por ASG o instancia alguna.
- viii. `simianarmy.janitor.rule.unusedImageRule...`: Define reglas sobre limpiar imágenes que no están siendo usadas.

6. **Conformity monkey rules:** Un conformity monkey revisa que las instancias sigan un conjunto de mejores prácticas definidas. Se describe a continuación a grosso modo algunas de las opciones de configuración que recibe este tipo de monkey:

a. Reglas del horario:

- i. `simianarmy.scheduler...`: Permite configurar la frecuencia con la que el conformity monkey se despierta.
- ii. `simianarmy.calendar...`: Define reglas sobre la franja horaria en la cual el conformity monkey puede correr sus validaciones.

b. Reglas generales:

- i. `simianarmy.conformity.enabled`: Prende el conformity monkey para ejecución.
- ii. `simianarmy.conformity.leashed`: Da o quita el permiso de guardar en base de datos los datos de los checks.

c. Reglas de notificación:

- i. `simianarmy.conformity.notification...`: Permite definir reglas sobre a quién notificarle sobre las violaciones a los checks del conformity monkey

d. Reglas de conformidad:

- i. `simianarmy.conformity.rule.SameZonesInElbAndAsg.enabled`:
Habilita el chequeo de que un ASG y su respectivo ELB deben estar en la misma zona de AWS.
- ii. `simianarmy.conformity.rule.InstanceInSecurityGroup...`: Define reglas sobre los grupos de seguridad que deben estar en el cluster.
- iii. `simianarmy.conformity.rule.InstanceTooOld...`: Define reglas para chequear la vejez de instancias.
- iv. `simianarmy.conformity.rule.InstanceInVPC.enabled`: Define reglas para que las instancias se encuentren dentro un VPC.
- v. `simianarmy.conformity.cluster...`: Define reglas de verificación del cluster.