

# Gcloud - Módulo 5 | Storage - Migração de uma VM para outra região através do uso de Snapshot - Rodrigo Marques

terça-feira, 16 de julho de 2024 22:21

Criação das VMs da aplicação e database na região us-west1-b

Google Cloud

tcb-m2c

api

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CREATE INSTANCE

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Migrate to Virtual Machin...

INSTANCES

OBSERVABILITY

INSTANCE SCHEDULES

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Enter property name or value

Status	Name	Zone	Recommendations	In use by	Internal IP	External IP	Connect
<input checked="" type="checkbox"/>	usa-application-01	us-west1-b			10.138.0.6 (nic0)	34.82.156.160 (nic0)	SSH
<input checked="" type="checkbox"/>	usa-database-01	us-west1-b			10.138.0.7 (nic0)	34.82.187.6 (nic0)	SSH

Related actions

Explore Backup and DR

Back up your VMs and set up disaster recovery

View billing report

View and manage your Compute Engine billing

Monitor VMs

View outlier VMs across metrics like CPU and network

Explore VM logs

View, search, analyze, and download VM instance logs

Set up firewall rules

Control traffic to and from a VM instance

Patch management

Schedule patch updates and view patch compliance on VM instances

Configuração do Mysql na VM de database

SSH-in-browser

UPLOAD FILE

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Settings

```
reading /usr/share/mecab/dic/ipadic/matrix.def ... 1316x1316
emitting matrix      : 100% |#####|

done!
update-alternatives: using /var/lib/mecab/dic/ipadic to provide /var/lib/mecab/dic/debian (mecab-dictionary) in
auto mode
Setting up mysql-community-client-core (8.0.38-1debian12) ...
Setting up mysql-community-server-core (8.0.38-1debian12) ...
Setting up mecab-ipadic-utf8 (2.7.0-20070801+main-3) ...
Compiling IPA dictionary for Mecab. This takes long time...
reading /usr/share/mecab/dic/ipadic/unk.def ... 40
emitting double-array: 100% |#####|
/usr/share/mecab/dic/ipadic/model.def is not found. skipped.
reading /usr/share/mecab/dic/ipadic/Adj.csv ... 27210
reading /usr/share/mecab/dic/ipadic/Suffix.csv ... 1393
reading /usr/share/mecab/dic/ipadic/Noun.place.csv ... 72999
ricoy_sistemas@usa-database-01:~$ sudo systemctl restart mysql.service
ricoy_sistemas@usa-database-01:~$ sudo systemctl status
● usa-database-01
  State: running
    Units: 252 loaded (incl. loaded aliases)
      Jobs: 0 queued
    Failed: 0 units
   Since: Wed 2024-07-17 01:13:13 UTC; 7min ago
  systemd: 252.26-1~deb12u2
```

Criação do banco de dados e tabelas

SSH-in-browser

UPLOAD FILE

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!

⚙

```
Query OK, 0 rows affected, 1 warning (0.04 sec)

+-----+
| Tables_in_clinic |
+-----+
| patient          |
+-----+
1 row in set (0.00 sec)

+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id     | int unsigned | NO   | PRI | NULL    | auto_increment |
| name   | varchar(50)  | NO   |     | NULL    |                |
| address | varchar(100) | NO   |     | NULL    |                |
| phone  | varchar(15)  | YES  |     | NULL    |                |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

mysql> show databases
-> ;
+-----+
| Database |
+-----+
| clinic   |
| information_schema |
| mysql    |
| performance_schema |
| sys      |
+-----+
5 rows in set (0.00 sec)

mysql> show tables;
+-----+
| Tables_in_clinic |
+-----+
| patient          |
+-----+
1 row in set (0.00 sec)
```

Setup do NPM na VM da aplicação

SSH-in-browser

UPLOAD FILE

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!

⚙

```
Setting up node-schema-utils (3.1.1~ds-2) ...
Setting up node-jest-worker (29.3.1~ds1+~cs70.48.25-2) ...
Setting up node-npmlog (7.0.1+~4.1.4-1) ...
Setting up node-babel-plugin-polyfill-corejs3 (0.6.0~0-20220913+ds1-1) ...
Setting up node-postcss-modules-values (4.0.0+~4.0.0-1) ...
Setting up node-fill-range (7.0.1+~7.0.0-1) ...
Setting up node-base (3.0.0-3) ...
Setting up node-gyp (9.3.0-2) ...
Setting up node-braces (3.0.2+~3.0.1-1) ...
Setting up node-chokidar (3.5.3-2) ...
Setting up node-watchpack (2.4.0+~cs2.8.1-1) ...
Setting up node-micromatch (4.0.5+~4.0.2-1) ...
Setting up node-globby (13.1.3+~cs16.25.40-1) ...
Setting up node-del (7.0.0-5) ...
Setting up node-find-cache-dir (3.3.2+~3.2.1-1) ...
Setting up node-babel7 (7.20.15+ds1+~cs214.269.168-3+deb12u2) ...
update-alternatives: using /usr/bin/babeljs-7 to provide /usr/bin/babeljs (babeljs) in auto mode
update-alternatives: using /usr/bin/babeljs-7-external-helpers to provide /usr/bin/babeljs-external-helpers (babeljs-external-helpers) in auto mode
update-alternatives: using /usr/bin/babeljs-7-node to provide /usr/bin/babeljs-node (babeljs-node) in auto mode
update-alternatives: using /usr/bin/babeljs-7-parser to provide /usr/bin/babeljs-parser (babeljs-parser) in auto mode
Setting up node-babel-plugin-lodash (3.3.4+~cs2.0.1-6) ...
Setting up node-jest-debbundle (29.3.1~ds1+~cs70.48.25-2) ...
Setting up node-parse-json (5.2.0+~cs5.1.7-1) ...
Setting up node-read-pkg (5.2.0-2) ...
Setting up node-istanbul (0.4.5+repack10+~cs97.25.57-3) ...
Setting up node-tape (5.6.1+~cs8.20.19-1) ...
Setting up webpack (5.75.0+dfsg+~cs17.16.14-1+deb12u1) ...
Setting up node-tap (16.3.2+ds1+~cs50.8.16-1) ...
Setting up node-css-loader (6.7.2+~cs14.0.11-1) ...
Setting up npm (9.2.0~ds1-1) ...
Processing triggers for libc-bin (2.36-9+deb12u7) ...
Processing triggers for man-db (2.11.2-2) ...
Processing triggers for sgml-base (1.31) ...
Setting up libfontconfig1:amd64 (2.14.1-4) ...
Setting up libxft2:amd64 (2.3.6-1) ...
Setting up libgd3:amd64 (2.3.3-9) ...
Setting up x11-utils (7.7+5) ...
Setting up libc-devtools (2.36-9+deb12u7) ...
Processing triggers for libc-bin (2.36-9+deb12u7) ...
ricoy_sistemas@usa-application-01:~$
```

Aplicação em execução



## Criação das VMs na região australia-southeast1-a

tcb-m2c

Search (/) for resources, docs, products, and more

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<input type="checkbox"/>	<a href="#">aus-app01</a>	australia-southeast1-a			10.152.0.2 <a href="#">(nic0)</a>	35.189.7.22 <a href="#">(nic0)</a>	SSH
<input type="checkbox"/>	<a href="#">aus-db01</a>	australia-southeast1-a			10.152.0.3 <a href="#">(nic0)</a>	34.116.92.2 <a href="#">(nic0)</a>	SSH
<input type="checkbox"/>	<a href="#">usa-application-01</a>	us-west1-b			10.138.0.6 <a href="#">(nic0)</a>		SSH
<input type="checkbox"/>	<a href="#">usa-database-01</a>	us-west1-b			10.138.0.7 <a href="#">(nic0)</a>		SSH

Related actions

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tcb-m2c-428201

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Aplicação em execução na VM da região australia-southeast1-a

