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Activities Terminal Apr 12 17:09
tecomp@pict-OptiPlex-390: ~
tecomp@pict-OptiPlex-390:~$ curl -O https://dl.google.com/dl/cloudsdk/channels/rapid/downloads/google-cloud-sdk-380.0.0-linux-x86_64.tar.gz
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 96.2M 100 96.2M 0 0 1154k 0 0:01:25 0:01:25 --:--:-- 1160k
tecomp@pict-OptiPlex-390:~$ ./google-cloud-sdk/install.sh
Welcome to the Google Cloud CLI!

To help improve the quality of this product, we collect anonymized usage data
and anonymized stacktraces when crashes are encountered; additional information
is available at <https://cloud.google.com/sdk/usage-statistics>. This data is
handled in accordance with our privacy policy
<https://cloud.google.com/terms/cloud-privacy-notice>. You may choose to opt in this
collection now (by choosing 'y' at the below prompt), or at any time in the
future by running the following command:

    gcloud config set disable_usage_reporting false

Do you want to help improve the Google Cloud CLI (y/n)? y

This will install all the core command line tools necessary for working with
the Google Cloud Platform.

Beginning update. This process may take several minutes.

Your current Google Cloud CLI version is: 377.0.0
Installing components from version: 380.0.0

These components will be updated.


| Name                            | Version    | Size     |
|---------------------------------|------------|----------|
| Google Cloud CLI Core Libraries | 2022.04.01 | 22.6 MiB |
| anthoscli                       | 0.2.25     | 46.3 MiB |
| gcloud cli dependencies         | 2022.03.18 | 10.9 MiB |


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https://cloud.google.com/sdk/docs/quickstarts

tecomp@pict-OptiPlex-390:~$ gcloud init
Welcome! This command will take you through the configuration of gcloud.

Settings from your current configuration [default] are:
core:
  account: learningaiml123@gmail.com
  disable_usage_reporting: 'False'

Pick configuration to use:
[1] Re-initialize this configuration [default] with new settings
[2] Create a new configuration
Please enter your numeric choice: 2

Enter configuration name. Names start with a lower case letter and contain only
lower case letters a-z, digits 0-9, and hyphens '-': googlecloud
Your current configuration has been set to: [googlecloud]

You can skip diagnostics next time by using the following flag:
gcloud init --skip-diagnostics

Network diagnostic detects and fixes local network connection issues.
Checking network connection...done.
Reachability Check passed.
Network diagnostic passed (1/1 checks passed).

Choose the account you would like to use to perform operations for this
configuration:
[1] learningaiml123@gmail.com
[2] Log in with a new account
Please enter your numeric choice: 2

Your browser has been opened to visit:
https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=32555940559.apps.googleusercontent.com&redirect_uri=http%3A%2F%2Flocalhost%3A8085%2F&scope=openid+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fuserinfo.email+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcloud-platfo
rm+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fappengine.admin+https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fcompute+https%3A%2F%2Fwww.googleapis.co
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(https://groups.google.com/forum/#!forum/google-cloud-sdk-announce).

- Creating update staging area
- Uninstalling: Google Cloud CLI Core Libraries
- Uninstalling: anthoscli
- Uninstalling: gcloud cli dependencies
- Installing: Google Cloud CLI Core Libraries
- Installing: anthoscli
- Installing: gcloud cli dependencies
- Creating backup and activating new installation

Performing post processing steps...done.
Update done!

To take a quick anonymous survey, run:
$ gcloud survey

Modify profile to update your $PATH and enable shell command completion?

Do you want to continue (Y/n)? y

The Google Cloud SDK installer will now prompt you to update an rc file to bring
the Google Cloud CLIs into your environment.
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Cloud SQL
■ Expanded --database-version flag choices to gcloud beta sql instance
  patch to enable major version upgrade on Cloud SQL instances.

Compute Engine
■ Added --load-balancing-scheme flag to gcloud compute url-maps
  validate for alpha, beta and v1.
■ Updated import and export schemas for:
  ◆ gcloud compute forwarding-rules.
  ◆ gcloud compute backend-services.
■ Promoted locality_lb_policy flag of gcloud compute backend-services
  create/update to beta.
■ Added --share-setting and --share-with flags to gcloud beta compute
  sole-tenancy node-groups create/update for beta.
■ Added --share-settings flag to gcloud beta compute sole-tenancy
  node-groups list for beta.
■ Added --node-project flag to gcloud beta compute instances create for
  beta.
■ Promoted gcloud compute instances suspend and gcloud compute
  instances resume to v1.

Config Connector
■ Updated Google Cloud Config Connector to version 1.77.0. See Config
  Connector Overview for more details.
  https://cloud.google.com/config-connector/docs/overview
  (https://cloud.google.com/config-connector/docs/overview).

Config Controller
■ Added --use-private-endpoint flag to gcloud anthos config controller
  create to restrict access to the master's private endpoint IP of a
  config controller instance.

GKE Hub
■ Promote gcloud container hub memberships generate-gateway-rbac
  command from alpha to beta.

Secret Manager
■ Added --update-version-aliases flag to gcloud secrets update and
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■ Added --root-volume-kms-key-arn flag to gcloud container aws clusters
  update to update the Amazon Resource Name (ARN) of the AWS KMS key to
  encrypt the root control plane volume.
■ Added --clear-security-group-ids flag to gcloud container aws
  node-pools update to clear the additional security groups associated
  with the node pool nodes.

Bare Metal Solution
■ Added --async flag to gcloud bms volumes update, gcloud bms instances
  update, gcloud bms networks update, and gcloud bms nfs-shares update.

Certificate Authority Service
■ Enabled --sort-by flag for gcloud privateca templates list.

Cloud Memorystore
■ Promoted --maintenance-window-day and --maintenance-window-hour flags
  of gcloud redis instances create to GA.
■ Promoted --maintenance-window-day, --maintenance-window-hour, and
  --maintenance-window-any flags of gcloud redis instances update to GA.
■ Promoted gcloud redis instances reschedule-maintenance to GA.
■ Promoted support for maintenance windows in gcloud memcache to beta.
  ◆ Added maintenance window flags to create and update commands.
    ► --maintenance-window-day
    ► --maintenance-window-start-time
    ► --maintenance-window-duration
  ◆ Added the flag --maintenance-window-any to update to remove a
    previously selected maintenance window.
■ Promoted the command gcloud beta memcache reschedule-maintenance.

Cloud On Demand Scanning
■ Fixed an issue where extraction would occasionally fail while
  scanning Maven packages.

Cloud SQL
■ Expanded --database-version flag choices to gcloud beta sql instance
  patch to enable major version upgrade on Cloud SQL instances.

Compute Engine
■ Added --load-balancing-scheme flag to gcloud compute url-maps
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event providers.

Kubernetes Engine
■ Deprecated --autoprovisioning-min-cpu-platform flag from gcloud
  container clusters create/update.

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378.0.0 (2022-03-22)
Breaking Changes
■ ***(Bare Metal Solution)** Modified gcloud bms volumes update, gcloud
  bms instances update, gcloud bms networks update, and gcloud bms
  nfs-shares update to be synchronous by default. Use --async flag to get
  the old behavior.

Google Cloud CLI
■ Updated --scopes flag in gcloud auth application-default
  print-access-token to support print down-scoped access token for user
  accounts.

Anthos Multi-Cloud
■ Added --root-volume-type flag to gcloud container aws node-pools
  update to update the type of the root volume.
■ Added --root-volume-size flag to gcloud container aws node-pools
  update to update the size of the root volume.
■ Added --root-volume-iops flag to gcloud container aws node-pools
  update to update the number of I/O operations per second (IOPS) to
  provision for the root volume.
■ Added --root-volume-kms-key-arn flag to gcloud container aws
  node-pools update to update the Amazon Resource Name (ARN) of the AWS
  KMS key to encrypt the root volume.
■ Added --config-encryption-kms-key-arn flag to gcloud container aws
  node-pools update to update the Amazon Resource Name (ARN) of the AWS
  KMS key to encrypt the user data.
■ Added --clear-proxy-config flag to gcloud container aws clusters
  update to clear the proxy configuration associated with the cluster.
■ Added --clear-security-group-ids flag to gcloud container aws
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Cloud Functions
  ■ Promoted --docker-repository, --kms-key, --clear-docker-repository
    and --clear-kms-key flag of gcloud functions deploy to GA.
  ■ Promoted --docker-registry flag of gcloud functions deploy to beta.

Cloud On Demand Scanning
  ■ Added ARM support for local-extract on Linux.

Cloud Run
  ■ Promoted gcloud run services proxy to beta. This command allows you
    to proxy a service or revision to localhost. Requests will be
    authenticated as the current SDK account, or with a provided token.

Compute Engine
  ■ Fixed an issue with --create-disk and --disk flags that causes gcloud
    compute instances create to fail when attaching a boot disk.
  ■ Promoted --enable-ula-internal-ipv6 and --internal-ipv6-range flags
    to GA for gcloud compute networks <create|update>.
  ■ Updated --protocol flag to permit values of TCP or SSL when
    --enable-logging or --logging-sample-rate flags are set for gcloud
    compute backend-services create and gcloud compute backend-services
    update for beta.

Config Connector
  ■ Updated Google Cloud Config Connector to version 1.78.0. See Config
    Connector Overview for more details
    https://cloud.google.com/config-connector/docs/overview
    (https://cloud.google.com/config-connector/docs/overview).

Database Migration
  ■ Updated gcloud database-migration connection-profiles list
    --region=us-central1 to return correct structure for connection
    profiles based on format.
  ■ Updated gcloud database-migration connection-profiles create mysql to
    return error on invalid hostname.
  ■ Updated gcloud database-migration connection-profiles create
    postgresql to return error on invalid hostname.

Eventarc
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  ■ Added gcloud terraform vet to beta, which allows enforcing policy
    compliance as part of an infrastructure CI/CD pipeline.

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379.0.0 (2022-03-29)
Breaking Changes
  ■ **(Cloud Services)** Replace --deleted flag with --show-deleted flag
    to gcloud services api-keys list. With --show-deleted, keys
    soft-deleted within 30 days will be returned.
  ■ **(Cloud Services)** Change the default output format from tabular to
    row-based of gcloud services api-keys list.

Google Cloud CLI
  ■ Updated gcloud auth login --cred-file=external-account-creds.json to
    authorize gsutil with the External Account Credentials in the passed
    credential file.

AI
  ■ Added more choice options to --region flag of gcloud ai custom-jobs
    and gcloud ai hp-tuning-jobs, including: southamerica-east1 and
    us-west4.

Artifact Registry
  ■ Changed com.google.cloud.artifactregistry.gradle-plugin from 2.1.1 to
    2.1.5 in gcloud print-settings.
  ■ Promoted gcloud artifacts apt and artifacts yum commands to GA.

Cloud Firestore Emulator
  ■ Release Cloud Firestore emulator v1.14.1
    ◆ Chore: prepare for aggregate support.
    ◆ Chore: add support of x-goog-request-params http header for
      routing.
    ◆ Fix: change read-past-max-staleness error code to align with
      production implementation.
    ◆ Fix: update readtime-in-the-future error message.
    ◆ Fix: support importing exports from Windows on UNIX systems.
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Please read carefully for information about new features, breaking changes,
and bugs fixed. The latest full release notes can be viewed at:
https://cloud.google.com/sdk/release_notes

380.0.0 (2022-04-05)
Google Cloud CLI
  ■ Updated gcloud auth login --cred-file=external-account-creds.json to
    authorize bq with the External Account Credentials in the passed
    credential file.

Cloud Composer
  ■ Added support for 1 and 2 aliases in --airflow-version flag, and
    airflow-1 and airflow-2 aliases in Airflow part of --image-version
    flag, in gcloud composer environments create, gcloud beta composer
    environments update, gcloud beta composer environments check-upgrade.
  ■ Implemented gcloud beta composer environments snapshots command
    group.

Cloud Spanner
  ■ Promoted --condition flag on Cloud Spanner add-iam-policy-binding and
    remove-iam-policy-binding commands to GA. This allows setting
    conditional IAM policies on Cloud Spanner resources (instances,
    databases, and backups) via gcloud.
  ■ Promoted gcloud spanner backup copy to beta and GA.

Compute Engine
  ■ Promoted --certificate-map of 'compute target-ssl-proxies
    insert|update to beta.

Distributed Cloud Edge
  ■ Added gcloud edge-cloud container which allows users to manage their
    Distributed Cloud Edge clusters.

Kubernetes Engine
  ■ Added --network-performance-configs flag to gcloud container
    node-pools create/update to allow node pools to enable higher
    performance bandwidth for VM to VM traffic.
  ■ Promoted maxSurge default to GA for node-pool upgrade settings.
```