Dr. Elaina's GCP Challenge
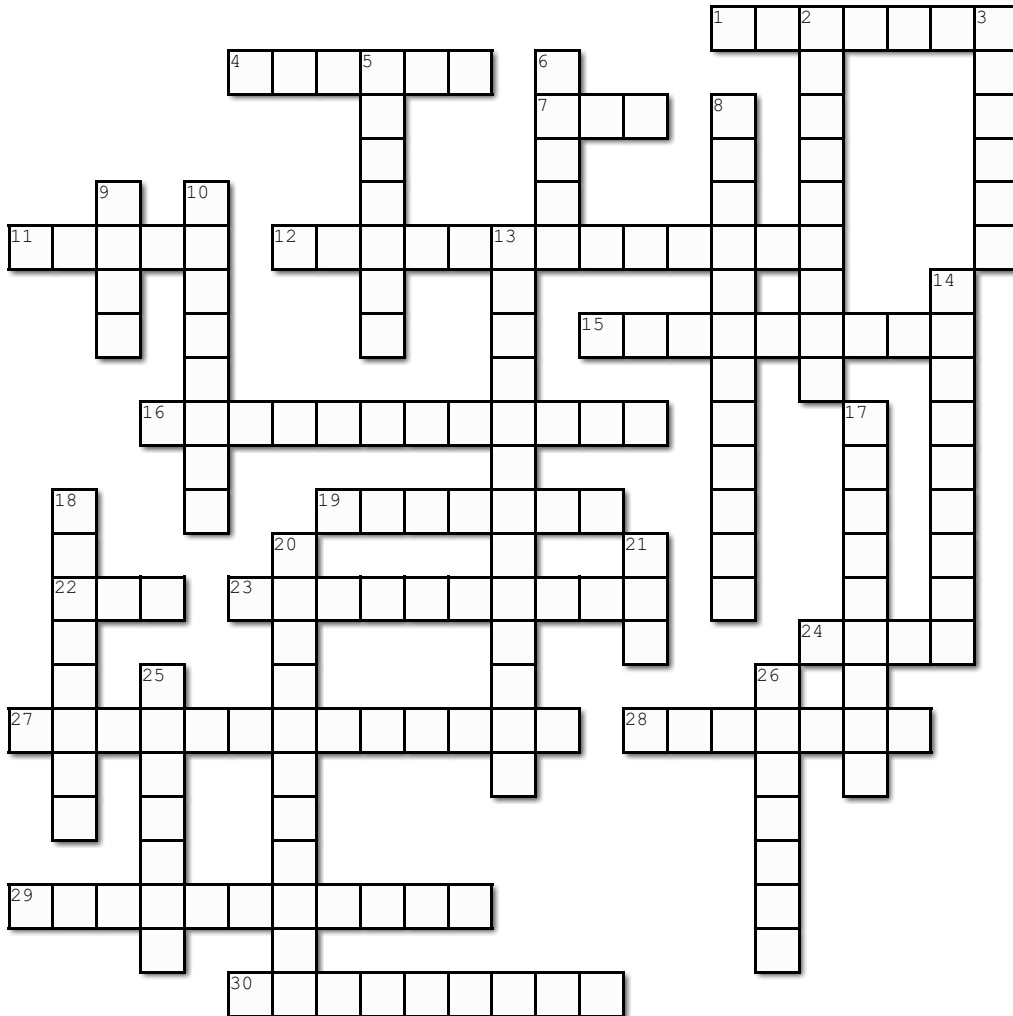
Happy 2019! A whole new year, a whole new set of exciting challenge GCP questions!

Across

1. A useful relational database on GCP for relational databases at scale this product is often used in Ad/Fin/Mar Tech as well as for storing user metadata.

4. This tool is often used in IOT pipelines to publish to other services but it cannot manage devices.

7. This type of compute engine instance disk choice ensures whole disk encryption of AES128.

11. This stackdriver tool can tell you where time is spent but not the exact host.

12. This Google tool is used for firewall rules, auto scaling, IPv6, IPv4, cross region overflow/failover, and SSL(TLS) termination.

15. This non-relational database is hierarchical and is often used for mobile web, user profiles and game state data on GCP.

16. This Google tool is useful for direct peering, carrier interconnect, VPN, and private interconnect.

19. hosts that isolate cloud networks

22. A Kubernetes abstraction used to represent an application, this can hold one or more containers.

23. Supports a hybrid service model for compute on GCP.

24. A database with these properties is characterized by strong consistency

27. Used to break up a system into independent services on GCP.

28. App Engine and Kubernetes Engine are _____ services for application migration.

29. Can be used id a burst of log lines, for example finding intermittent problems that occur in a service and trapping it for live debugging.

30. This property on a network usually means you have multiple networks (and usually multiple regions, multiple zones, and two subnetworks… but only one project).

Down

2. For target utilization calculations on managed instance groups, metrics must always be based on an _____.

3. For a BCP based method of discovering routes on GCP you should use Cloud _____.

5. If you want to keep data in sync across regions you should use cloud ____.

6. If you have locked out SSH access to production VMs operations management should use cloud _____ to access the VM.

8. This property on a network usually means that you have multiple zones (but only one subnetwork, one region, one network and one project).

9. A database with these properties is characterized by eventual consistency

10. Defense in Depth (DID) infrastructure protections are layered and include prevention, detection and _____.

13. A compute option on GCP that supports Java, Py, Node.js, Ruby, PHP, .NET and more languages.

14. This type of interconnect is cost effective above 10Gbps (to 80Gbps per dedicated connection) and provides an SLA.

17. HTTP(S) Load Balancing has native support for _____ protocol.

18. This type of deployment model introduces an orderly process into QA and can improve QA effectiveness for long running transactions.

20. This type of networks can extend across zones in the same region and are separately identifiable parts of a larger network.

21. This type of compute engine instance disk choice ensures whole disk encryption of AES256.

25. The Cloud IAM roles for security auditors requiring visibility across all projects are org viewer and _____ viewer.

26. This type of interconnect is good to 10Gbps and provides an SLA.