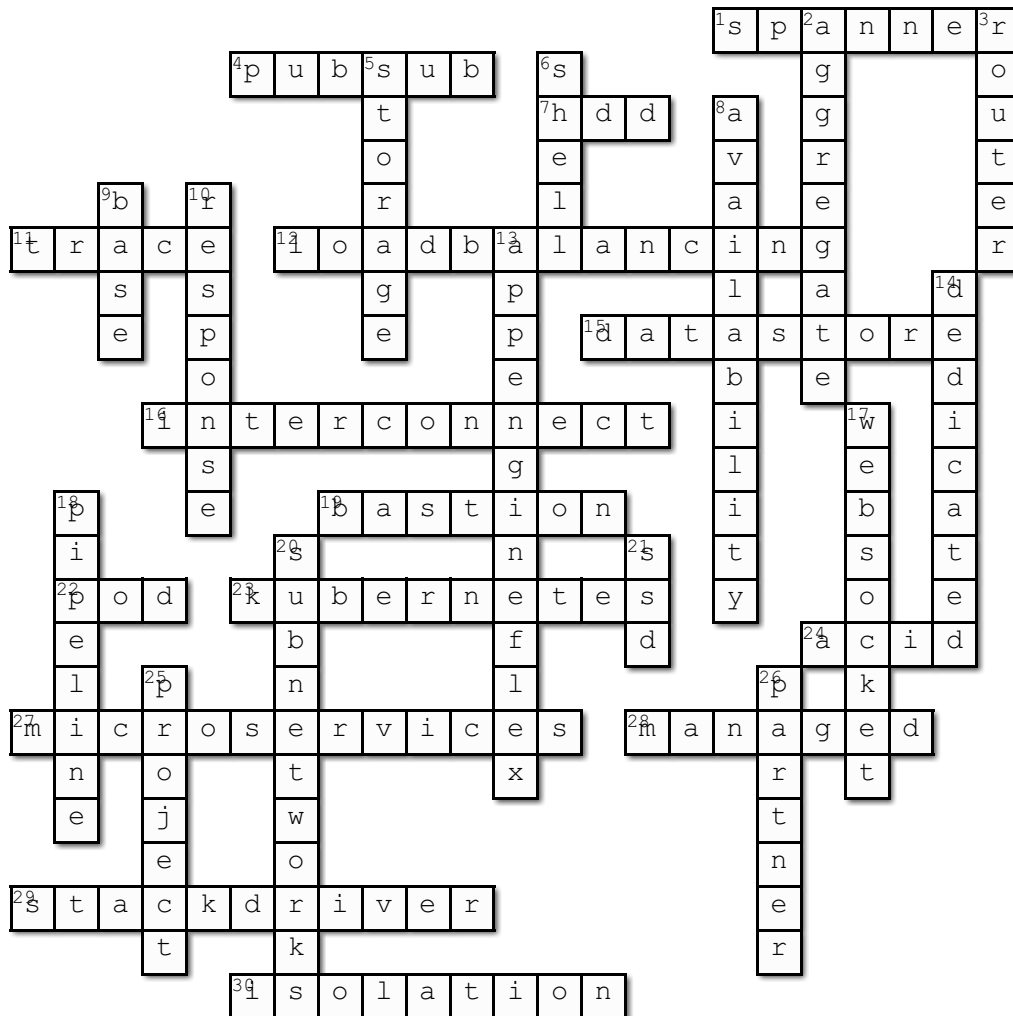


# Dr. Elaina's GCP Challenge

Happy 2019! A whole new year, a whole new set of exciting challenge GCP questions!



Created using TheTeachersCorner.net [Crossword Puzzle Maker](https://www.theteacherscorner.net/CrosswordPuzzleMaker/)

## 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. (**spanner**)
4. This tool is often used in IOT pipelines to publish to other services but it cannot manage devices. (**pubsub**)
7. This type of compute engine instance disk choice ensures whole disk encryption of AES128. (**hdd**)
11. This stackdriver tool can tell you where time is spent but not the exact host. (**trace**)
12. This Google tool is used for firewall rules, auto scaling, IPv6, IPv4, cross region overflow/failover, and SSL(TLS) termination. (**loadbalancing**)
15. This non-relational database is hierarchical and is often used for mobile web, user profiles and game state data on GCP. (**datastore**)
16. This Google tool is useful for direct peering, carrier interconnect, VPN, and private interconnect. (**interconnect**)
19. hosts that isolate cloud networks ( **bastion**)
22. A Kubernetes abstraction used to represent an application, this can hold one or more containers. (**pod**)
23. Supports a hybrid service model for compute on GCP. (**kubernetes**)
24. A database with these properties is characterized by strong consistency (**acid**)
27. Used to break up a system into independent services on GCP. (**microservices**)
28. App Engine and Kubernetes Engine are \_\_\_\_\_ services for application migration. (**managed**)
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. (**stackdriver**)
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). (**isolation**)

## Down

2. For target utilization calculations on managed instance groups, metrics must always be based on an \_\_\_\_\_. (**aggregate**)
3. For a BCP based method of discovering routes on GCP you should use Cloud \_\_\_\_\_. (**router**)
5. If you want to keep data in sync across regions you should use cloud \_\_\_\_\_. (**storage**)
6. If you have locked out SSH access to production VMs operations management should use cloud \_\_\_\_\_ to access the VM. (**shell**)
8. This property on a network usually means that you have multiple zones (but only one subnetwork, one region, one network and one project). (**availability**)
9. A database with these properties is characterized by eventual consistency (**base**)
10. Defense in Depth (DID) infrastructure protections are layered and include prevention, detection and \_\_\_\_\_. (**response**)
13. A compute option on GCP that supports Java, Py, Node.js, Ruby, PHP, .NET and more languages. (**appengineflex**)
14. This type of interconnect is cost effective above 10Gbps (to 80Gbps per dedicated connection) and provides an SLA. (**dedicated**)
17. HTTP(S) Load Balancing has native support for \_\_\_\_\_ protocol. (**websocket**)
18. This type of deployment model introduces an orderly process into QA and can improve QA effectiveness for long running transactions. (**pipeline**)
20. This type of networks can extend across zones in the same region and are separately identifiable parts of a larger network. (**subnetworks**)
21. This type of compute engine instance disk choice ensures whole disk encryption of AES256. (**ssd**)
25. The Cloud IAM roles for security auditors requiring visibility across all projects are org viewer and \_\_\_\_\_ viewer. (**project**)
26. This type of interconnect is good to 10Gbps and provides an SLA. (**partner**)