

Tags and Labels

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Tags and Labels

- Cloud systems can become very large
- With a lot of resources
- Controlling all these resources is not easy
- Sometimes it's needed to group certain resources in a single group
and reference this group instead of each resource alone

Tags and Labels

- Examples:
 - What's the cost of all the backend resources of the system
 - Set firewall rules for all the web servers
 - Display only resources belong to a specific system

Tags and Labels

- Done using two main mechanisms:

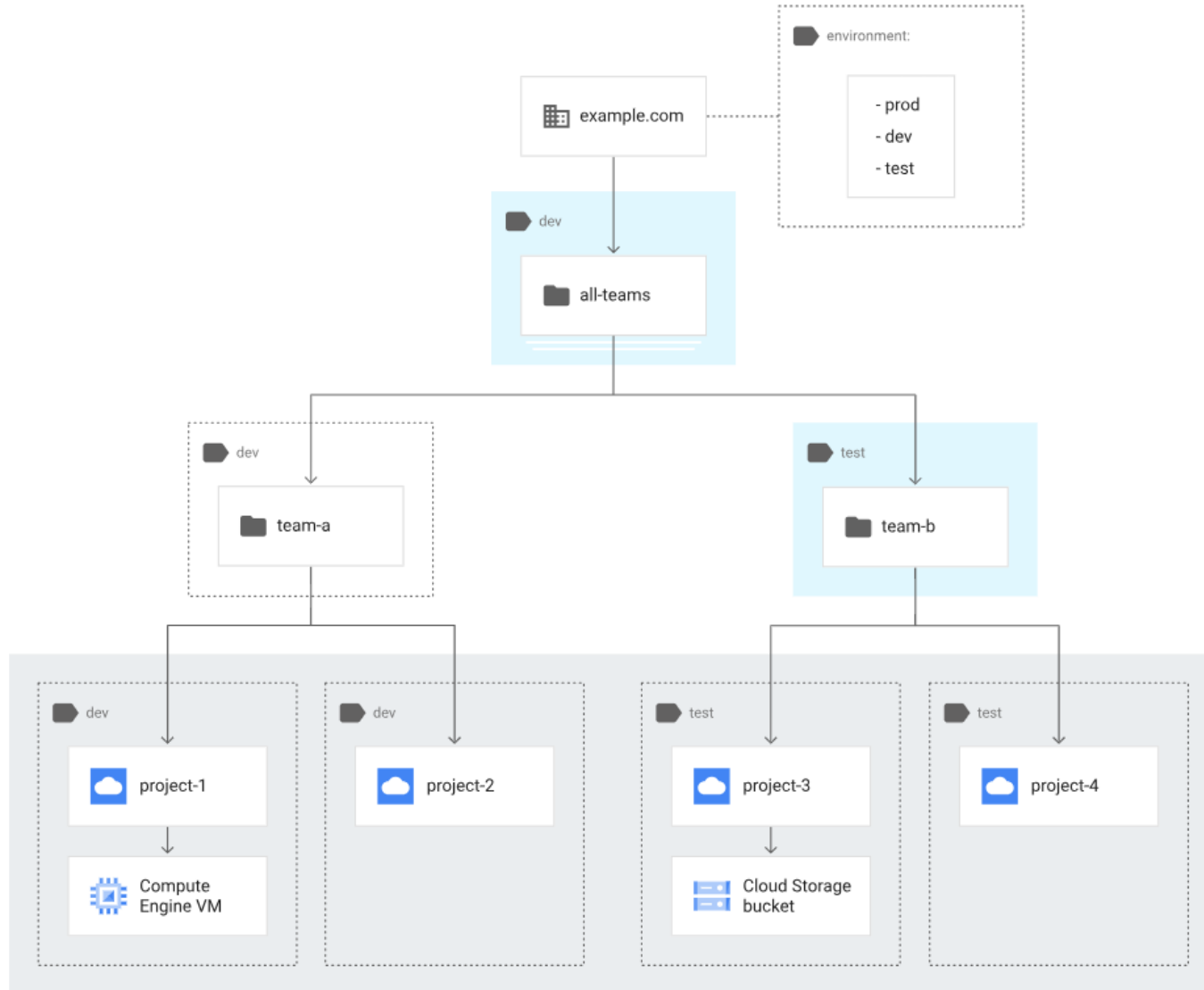
Tags

Labels

Tags

- Create annotation for resources
- Key-value resource
- Can be referenced by policies
- Inherited by children of the resource

Tags Inheritance



Labels

- Metadata attached to a resource
- Key-value based
- Not a resource in itself, only a metadata of a resource
- Cannot be referenced by policies
- Not inherited by children of the resource

Usage of Labels

- Labels can be used to:
 - Create cost centers
 - Distinguish between environments
 - Indicate state of resource
 - State ownership
 - And more...