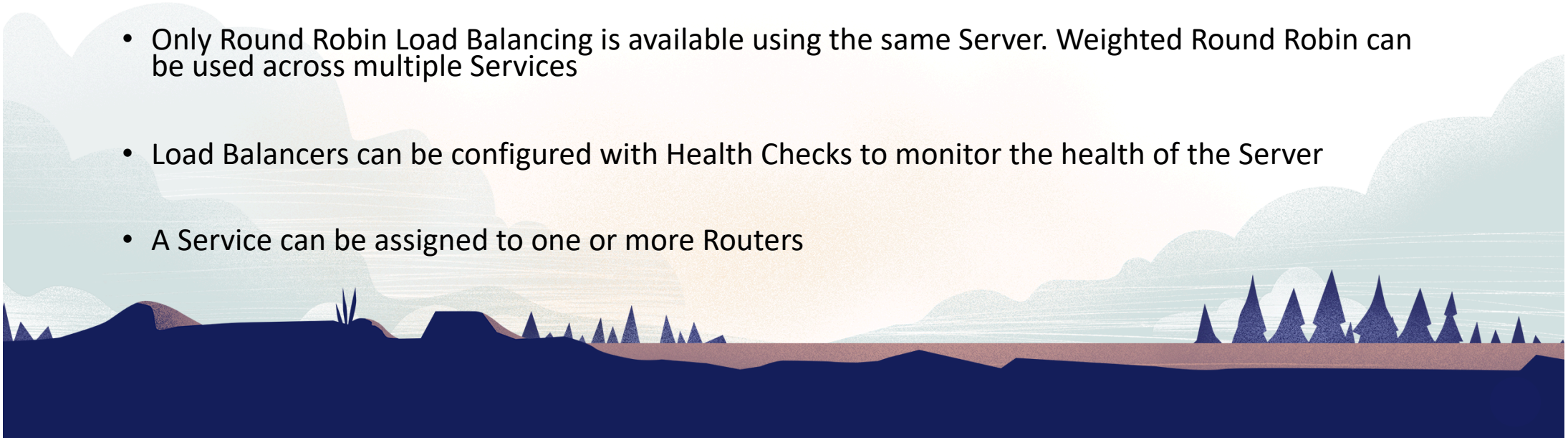
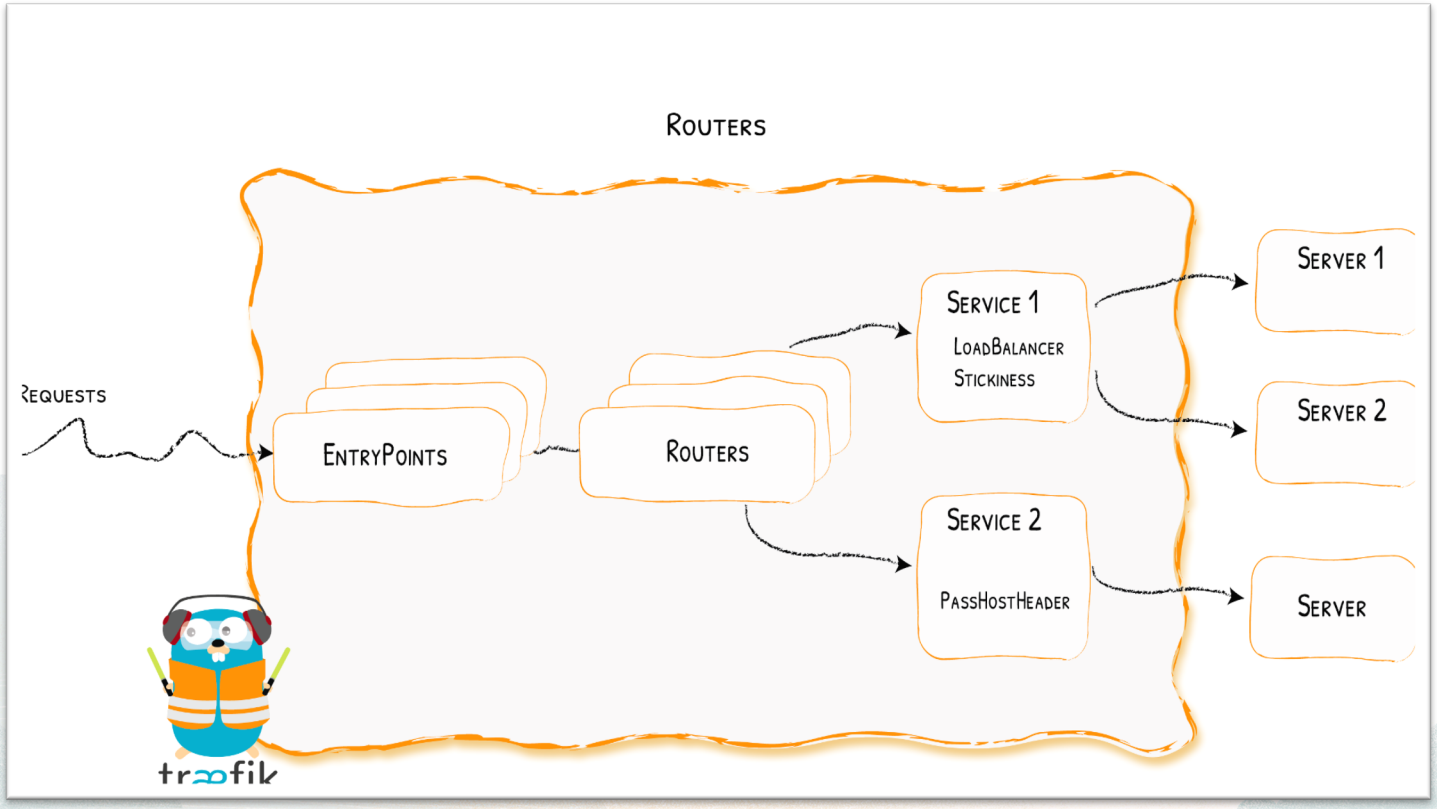
Services – Configures how to reach the Application

Load Balancers

- Each service has its own Load Balancer
- Load Balancers can load balance requests between multiple instances of your application
- The target of the Load balancer is called a Server
- Only Round Robin Load Balancing is available using the same Server. Weighted Round Robin can be used across multiple Services
- Load Balancers can be configured with Health Checks to monitor the health of the Server
- A Service can be assigned to one or more Routers



How to Reach Services



Available Service Configurations

traefik.http.services.<service_name>.loadbalancer.server.port

- "traefik.http.services.myservice.loadbalancer.server.port=8080"

traefik.http.services.<service_name>.loadbalancer.passhostheader

- "traefik.http.services.myservice.loadbalancer.passhostheader=true”

traefik.http.services.<service_name>.loadbalancer.healthcheck.path”

- “traefik.http.services.myservice.loadbalancer.healthcheck.path=/foo”

traefik.http.services.<service_name>.loadbalancer.healthcheck.port

- "traefik.http.services.myservice.loadbalancer.healthcheck.port=42"

Docker Specific Options

- **traefik.enable** – Tells Traefik to override the exposedbyDefault setting
- **traefik.docker.network** – overrides the default network used by Traefik
- **traefik.docker.lbswarm** – Enables Swarm's Built-in Load Balancer and stops using Traefik

TCP/UDP

It is possible to create TCP/UDP Routers and Services also using Labels.

- Enabled with Labels
- Follows the same principals at HTTP
- Contains much less configuration options
- Still requires an Entrypoint
- Services are configured just for the connection between