-|> instance group: collection of instances managed togethe

-|> **2 Types**

    * **Managed**
        L|> Identical
        |-|> Based on te-plate
        |-|> Feature set:
            1. autoscaling
            2. autohealing
            3. Multi-zone
            4. auto updating

    * **unmanaged**
        L|> hardly used
        |-|> Load balance hetrogeneous groups
        |-|> Does not support features

Create an instance group

    under VM / instance groups

Location

    -|> Single-zone:
    -> multi-zone: high availability

Autohealing

    -▶ protocol
    -▶ Basically a heartbeat

Load Balancing / autoscaling

-|> cooldown period

-|> Stabalisation period
    |-|> avoids threshing
        Rapid up and down scaling
        By using a cool down

-|> Cpu util treshold

-|> Min + Max cpu's