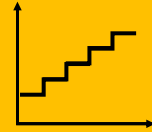




## Scalability



## Elasticity



|                              | Scalability   | Elasticity   |
|------------------------------|---|--|
| <b>What is it?</b>           | Scalability is the ability of a system to uphold the functionality when the size or volume changes. | Elasticity is the ability to dynamically manage available resources for addressing the size or volume. |
| <b>Use case</b>              | To meet the static/predictable increase in the workload.  | To meet the dynamic/sudden increase in the workload.   |
| <b>Type</b>                  | Strategic operation   | Tactical approach  |
| <b>Focuses on</b>            | Design/architecture   | Operations   |
| <b>Resource provisioning</b> | To exceed future demands  | To meet present demand   |
| <b>Consideration</b>         | Medium- and long-term predictions   | Short-term demand  |
| <b>Execution by</b>          | Typically scheduled   | Typically triggered by automation  |