Resources	Network interfaces, vpn gateways, app gateways and internet-facing load balancers	Network interfaces or public standard load balancers
Redundancy	Not zone redundant	are redundant by default.

Allocate or assign private IP addresses

Resource	Private IP address association	Dynamic IP address

Resource	Private id a. asso.	Dynamic	Static
Virtual machine	NIC	Yes	Yes
Internal load balancer	Front-end conf	Yes	Yes
App. gateway	Frontend conf	Yes	Yes

Private IP address assignment

- Dynamic
  - default
  - Next available in the range
- Static
  - You assign IA yourself trying to not overlap others.

Config network security groups

- Way to limit network traffic to resources in your virtual network.
- Network security groups contains a list of security rules that allow

or deny inbound or outbound network traffic.

- A network security group contains a list of security rules that allow or deny inbound or outbound network traffic
- A network security group can be associated to a subnet or a network interface.
- A network security group can be associated multiple times.
- You create a network security group and define security rules in the Azure Portal.

Security rules

- Azure creates default rules for each security group in inbound and outbound.
- Examples are DenyAllInbound and AllowInternetOutbound.

- we can add rules with the following props:
  - Rank
  - priority
  - protocol
  - Source
  - Destination
  - Action
- we can override setting by using priority.

Network security group effective rules