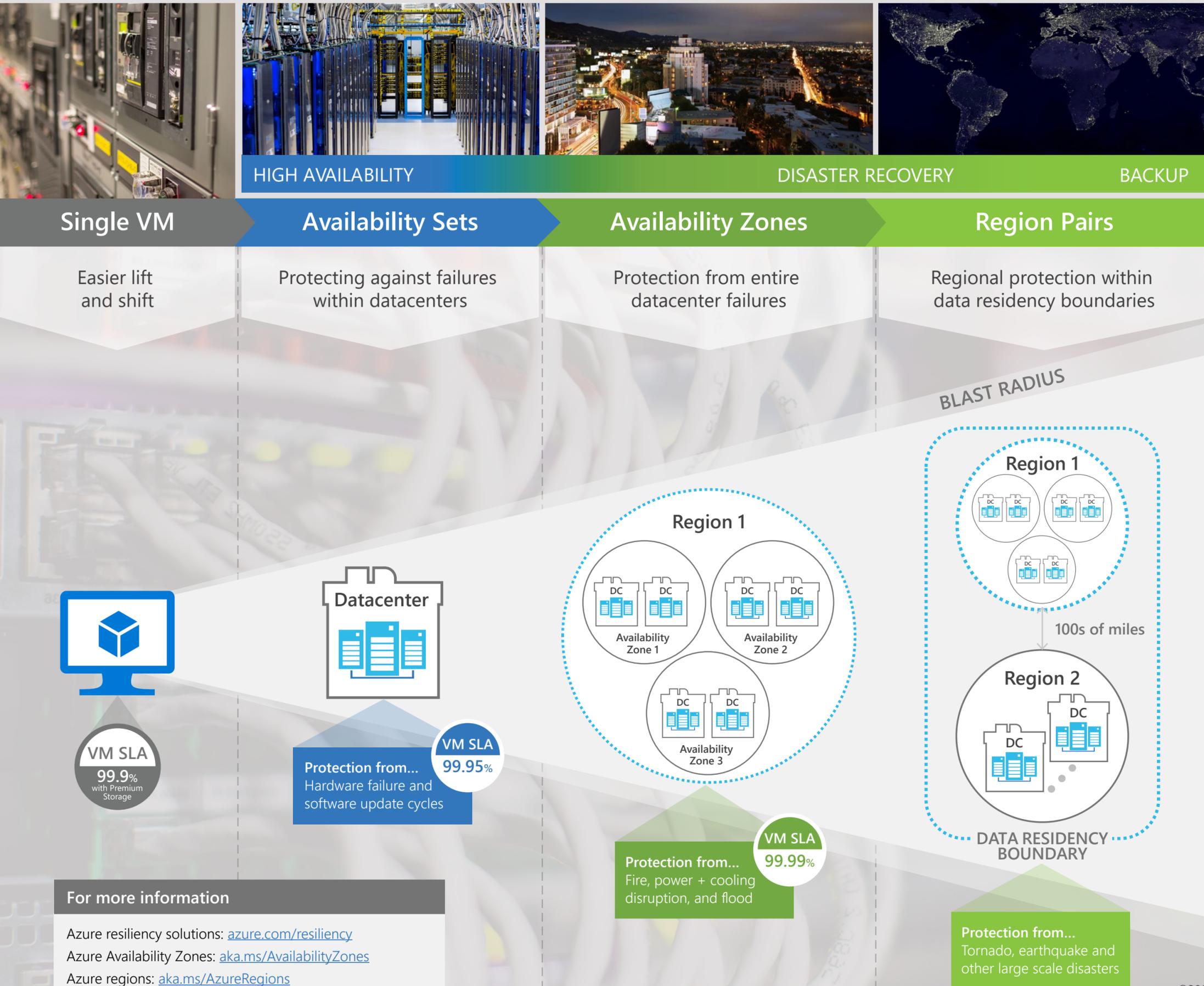


What is resiliency in Azure?

Comprehensive set of native business continuity solutions, providing high availability, disaster recovery, and backup to protect your mission critical applications and data.



What is resiliency?

High availability
Maintaining acceptable continuous performance despite temporary failures in services, hardware, datacenters, or fluctuations in load.

Disaster recovery
Protection against loss of an entire region through asynchronous replication for failover of virtual machines and data using services such as Azure Site Recovery and geo-redundant storage (GRS).

Backup
Replication of virtual machines and data to one or more regions using Azure Backup.

Definitions

Blast radius
The radius of protection for applications and data. For example, Availability Sets protect applications within a datacenter, and Availability Zones protect applications and data in an Azure region.

Data residency boundary
Two regions that share the same regulatory requirements for data replication and storage for the country or region in which they operate.

ISO-22301 Certification

Azure is certified under the first international standard to demonstrate the ability to prevent, mitigate, respond to and recover from disruptive incidents.

Azure Architecture Center

Tested and proven Azure best practices for resiliency, cost, performance, and scalability.
aka.ms/architecture

For more information

Azure resiliency solutions: azure.com/resiliency
 Azure Availability Zones: aka.ms/AvailabilityZones
 Azure regions: aka.ms/AzureRegions