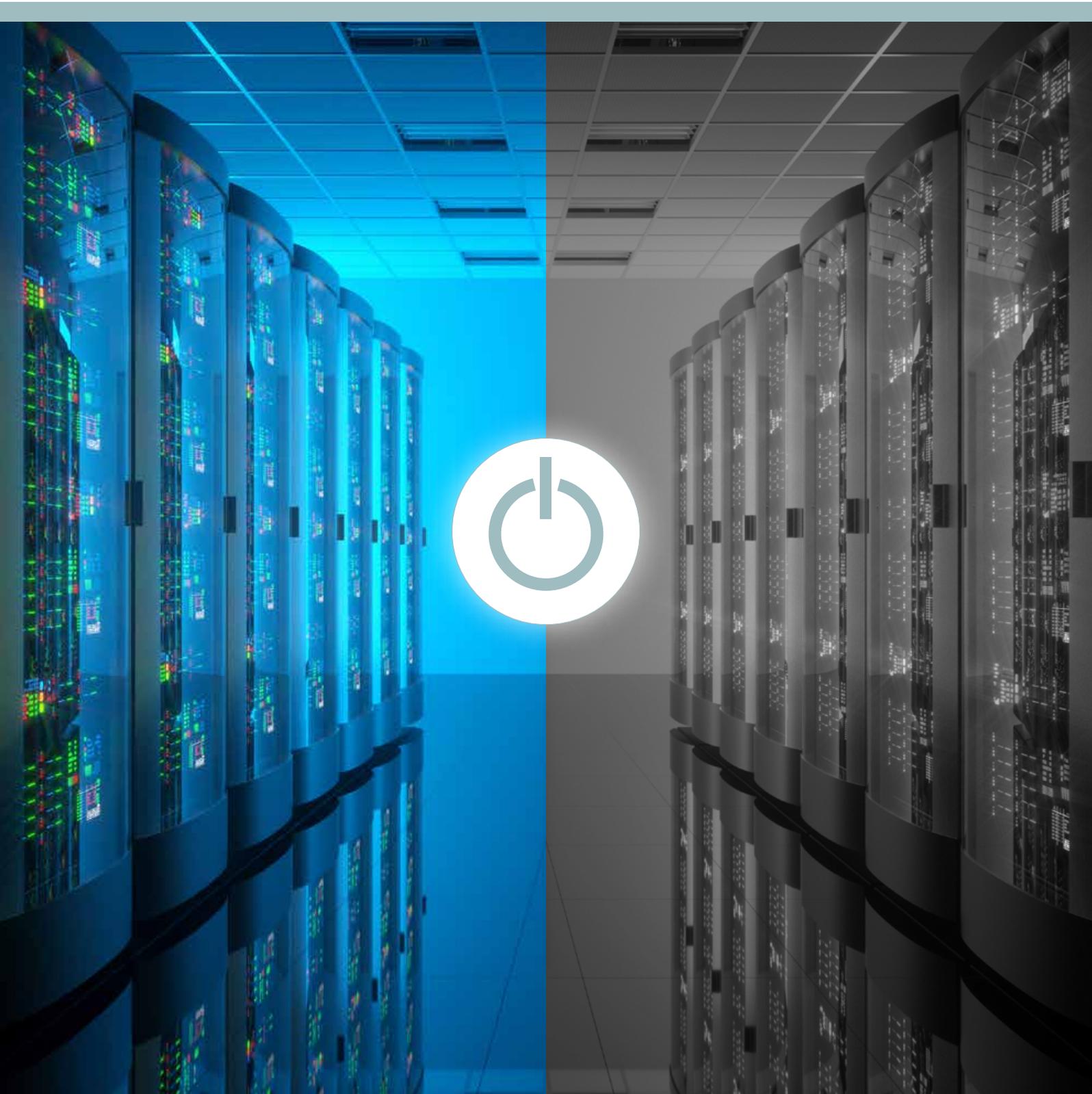


Azure Site Recovery expect the best, plan for the worst



Azure Site Recovery

expect the best, plan for the worst

Simple, automated protection and disaster recovery in the cloud

We understand the normal operation of your organisation can suffer disruption for any number of reasons. From acts of nature and your infrastructure suffering physical damage to man-made problems and operational failures – you cannot predict them, but you can be prepared.

Your organization needs a comprehensive business continuity and disaster recovery (BCDR) strategy. During scheduled and unscheduled downtime, your strategy will define how you keep all your data safe and available; how you access all the apps you use and how you recover everything to normal working conditions, in an efficient and timely manner.

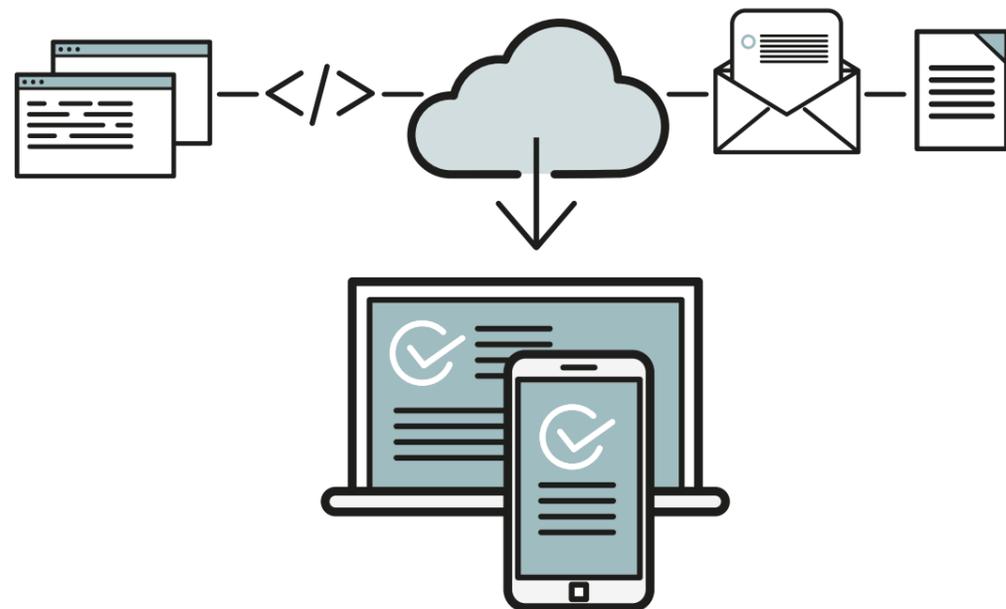
Backup and recover

Azure Site Recovery replicates, fails over and recovers workloads, so that they remain available if the worst happens and a failure occurs. Azure Backup ensures your data is stored safely and can be recovered easily.

Site Recovery can replicate any workload running on supported on-premise Hyper-V VMs, VMware VMs, and Windows/Linux physical servers, allowing you to recover to Azure or your secondary datacentre.

Importantly, you can protect your environment by automating the replication of the virtual machines using policies you determine and you control.

Site Recovery allows you to coordinate and manage the ongoing replication of data, integrating with current technologies including System Centre and SQL Server AlwaysOn.



Disaster recovery as a service (DRaaS)

Site Recovery automates the efficient recovery of services in the event of an outage at the primary datacentre, replicating applications in an ordered fashion to help restore services as quickly as possible, regardless of the complexity of the workloads.

You can create and store disaster recovery plans in the Microsoft Azure classic portal, which only need be as complex as your business needs demand. These can include the execution of custom Windows PowerShell scripts and Azure Automation Runbooks, along with pauses for manual interventions.

You can also map virtual networks between the primary and recovery sites, allowing you to test your disaster recovery plan regularly without disrupting services at your primary location – remember, it's only a real disaster recovery plan if you test it.

Replication and disaster recovery to Azure

Replicating your workloads to Azure opens up a whole new world of capabilities. You can easily migrate applications to Azure or burst to Azure temporarily to cope with a sudden increase in demand.

You can also run reports and analytics on copies of production workloads without impacting users. New versions of applications can be developed and tested using live data, before seamlessly implementing the updated version in your datacentre.

Health monitoring with Site Recovery

For added peace of mind, Site Recovery is continuously monitoring the state of your protected instances remotely from Azure.

When you are replicating between two sites you control, the data and replication of your virtual machines remains on your networks, with communication through Azure encrypted. If you replicate to Azure as your secondary site, all your data is encrypted and you can also choose to encrypt stored data too.





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