Azure Disaster Recovery-as-a-Service:
Plan, Implement, Manage

Help ensure speed and ease of cloud recovery through proven Azure disaster recovery solutions

Highlights

- Leverage the cloud, at an affordable price point, to maintain business continuity.

- Run disaster recovery drills annually with no business or application impact.

- Minimize errors when failing over and drastically reduce downtime.

- Save money by using Azure as your secondary data centre.

- Realize a tested and proven Recovery Plan.

- Protect heterogeneous environments with a single solution: Hyper-V, VMware, physical servers.

- Achieve Ministry mandate for DR

From power outages to natural disasters or human error, unplanned disruptions can be costly and detrimental to your district's educational and business priorities. In the event of a disaster, you need a reliable, tested and cost-effective solution to respond with speed and agility while reducing the financial losses that result from these outages.

Most school districts do not have a DR strategy or plan because the cost of a secondary data centre is prohibitive and technically very complex. Performing a DR drill can be difficult and carries with it the risk of impacting production workloads. Data loss and application errors are a common occurrence when failing over to a secondary site.

In addition, traditional DR requires constant updating and maintenance in order ensure the environment continues to function and perform optimally. This requires dedicated cycles from IT staff.

Minimize risks and avoid costly incidents

IBM K-12's Microsoft Azure Site Recovery is a Disaster Recovery as a Service (DRaaS) solution. It removes the complexity of traditional DR, and greatly reduces the cost to implement and maintain it. This results in less time being spent by IT on DR and removes the large capital expense of implementing DR in your district. Furthermore, Azure DR can be used as a springboard to begin your migration of business and educational applications into the cloud.

Solution Offering

IBM K-12 offers a reliable and tested DR plan aligned to your business needs. We provide a cost-effective DR solution to maintain business continuity, minimize downtime and provide audit compliance with business continuity planning.

Step 1: Define a plan aligned to your business needs
- Conduct a review of the on-premises infrastructure
- Determine Business Impact Analysis and assess risks
- Develop recovery plans to protect critical systems

Step 2: Implement DR in Microsoft Azure cloud
- Build Azure Site Recovery and on-premises infrastructure
- Pilot solution
- Protect all systems in the cloud
- Test successful failover

Step 3: Manage DR environment & perform DR drill
- Perform monthly monitoring of protected servers
- Apply updates on a quarterly basis and provide health report
- Conduct annual DR drill including failover of critical workloads.

Why a managed DR solution in the cloud?
There are many benefits to moving Disaster Recovery to the cloud such as:

- The ability to flexibly scale the DR solution up or down depending on need with zero hardware costs

- Creating a reliable recovery plan tested annually without disrupting the services at your primary location.

- Having an annual report on yourDR status which can be used to achieve Ministry mandated requirements

As a Microsoft Cloud Solution Provider (CSP), IBM K-12 Education provides the complete lifecycle support ('order to bill' functions) for the DRaaS solution. This includes:

- Provisioning of Azure subscription

- Support

- Monthly billing of Azure consumption and K-12 services

Typical Length of Engagement: 4-5 weeks

Why IBM K-12 DRaaS?
IBM Resiliency Services offers a broad range of disaster-recovery-as-a-service solutions to help ensure that your systems are security rich, accessible and always available — no matter where your workload is located — while helping you better manage compliance with provincial and local data residency regulations.

Our extensive experience in working exclusively with school districts and proven technical skills will make IBM K-12 Education your first choice.

For more information
To learn more about IBM K-12 **Azure Disaster Recovery-as-a-Service**, please contact your IBM Marketing Representative. For more information on all our IBM K-12 Consulting and Professional Services, visit:
https://www.ibm.com/industries/education/canada-k-12-service-briefs

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