



Getting started with Azure backup for disaster recovery



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A catastrophic loss of data, or losing a website, is the worst nightmare for many businesses. A website going down can prevent precious sales from happening and damage the credibility of a business while, in the 21st century, data is a valuable resource and losing it can set a business back years.

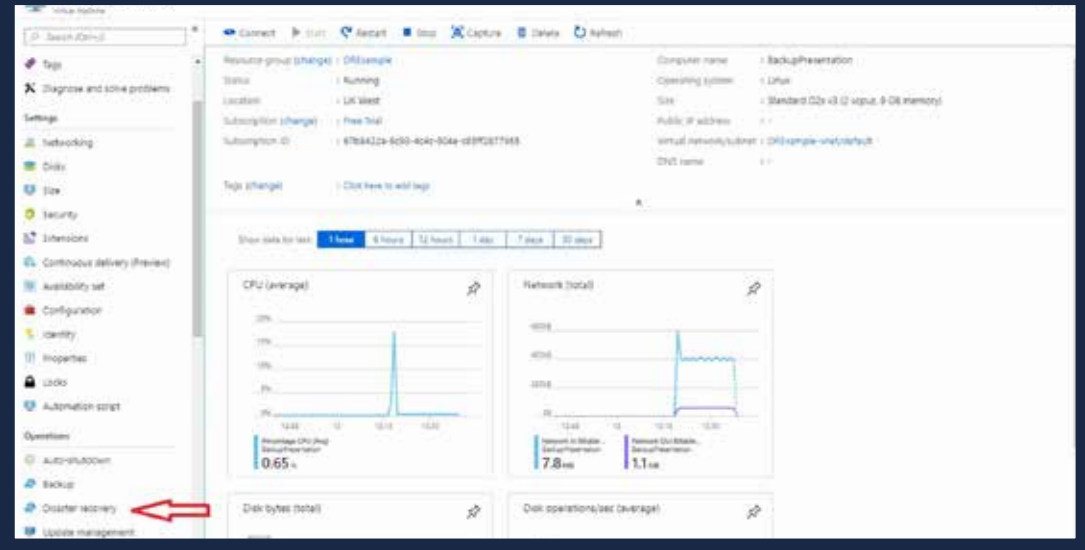
Fortunately, Azure can prevent this possibility from ever occurring. With one easy to use tool, precious data can be replicated and securely encrypted on a Microsoft Cloud server in another part of the world, so websites keep running, even if the hosting network encounters difficulties.



HERE'S HOW TO USE IT:

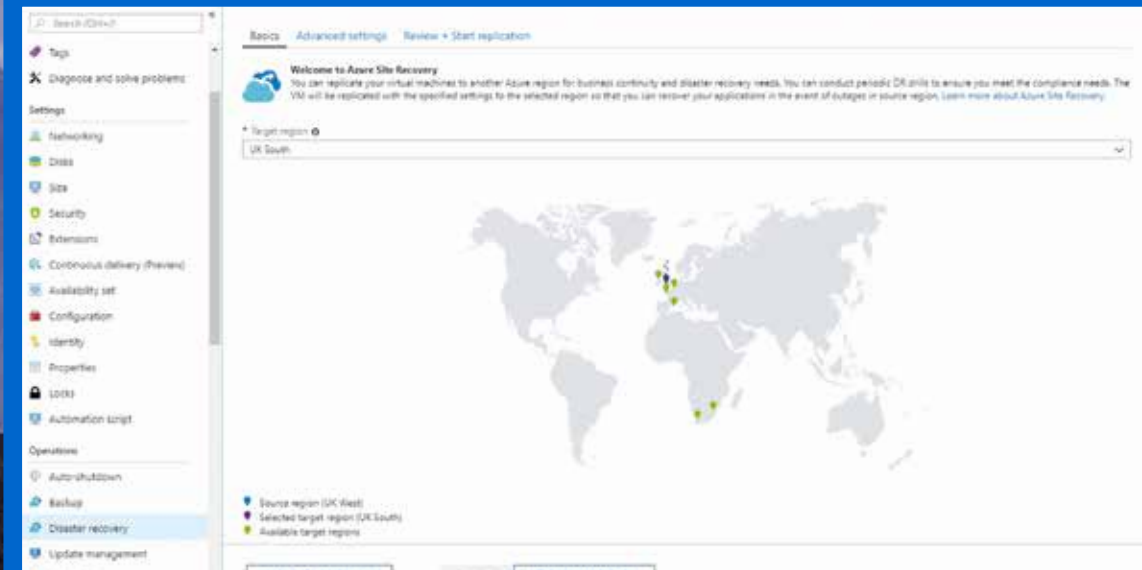
ONE

Within your Azure resource, click on 'Disaster recovery' within the Operations section of the left pane menu.



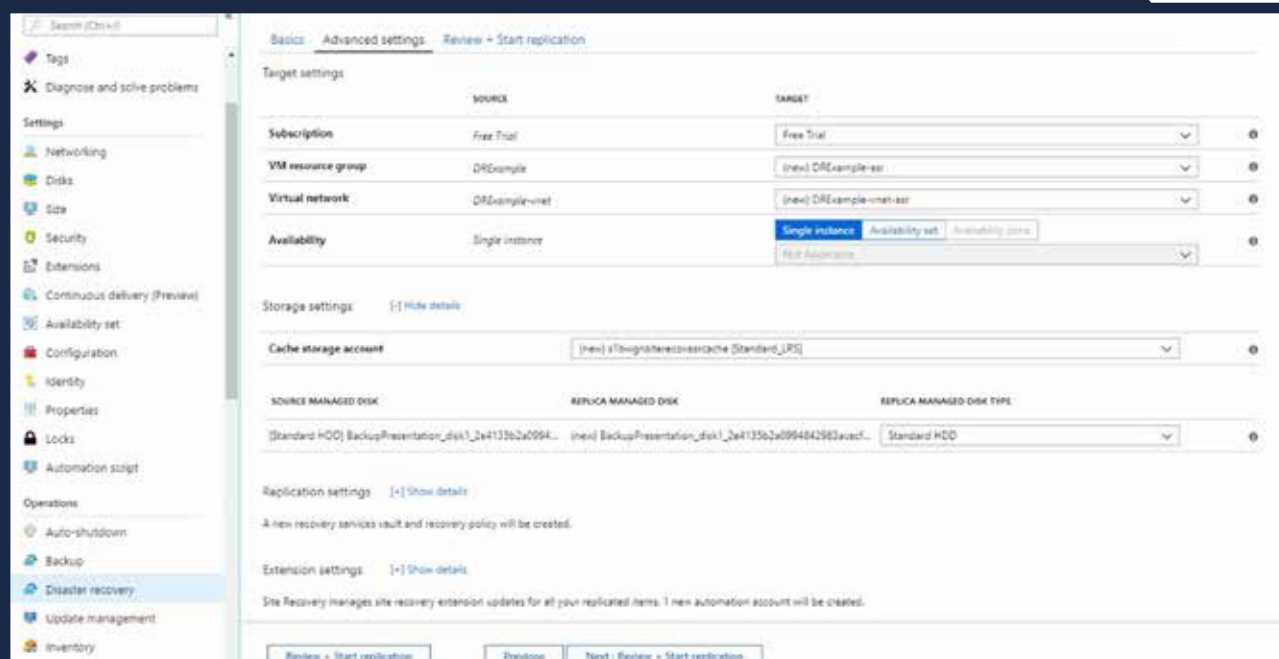
TWO

Select the region you wish to replicate your data within. This should not be the same as your current hosting region. For example, if you are hosted by UK South, consider hosting in UK West or France Central.



THREE

Once you have selected the region, you will be asked to select your subscription, the resource group used to manage the Azure Site Recovery (ASR) plan and the Disaster Recovery (DR) network to base the solution on.



The screenshot shows the 'Review + Start replication' page in the Azure portal. The page is divided into several sections:

- Target settings:** A table with columns 'SOURCE' and 'TARGET'.

	SOURCE	TARGET
Subscription	Free Trial	Free Trial
VM resource group	DRExample	(new) DRExample-az
Virtual network	DRExample-vnet	(new) DRExample-vnet-azr
Availability	Single instance	Single instance (Availability set) (Availability zone) (Not Associate)
- Storage settings:** Includes 'Cache storage account' set to '(new) s1bgnshereszestochke [Standard_LRS]'.
- Replication settings:** A table for 'SOURCE MANAGED DISK', 'REPLICA MANAGED DISK', and 'REPLICA MANAGED DISK TYPE'.

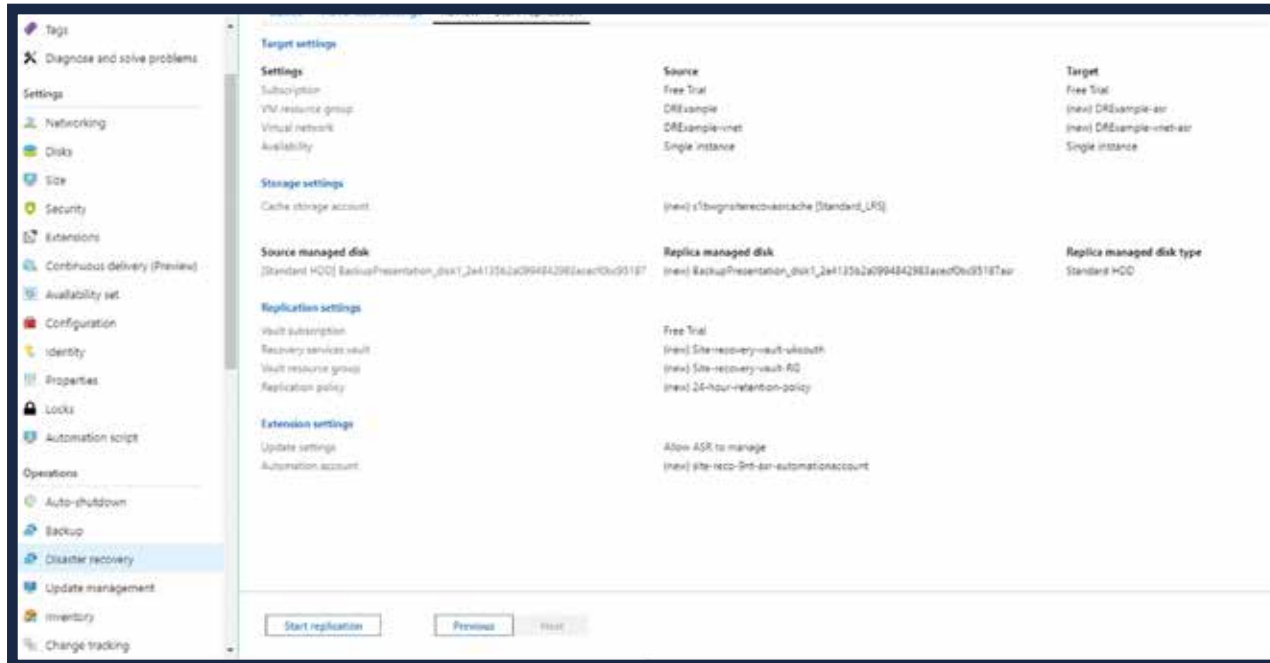
SOURCE MANAGED DISK	REPLICA MANAGED DISK	REPLICA MANAGED DISK TYPE
(Standard HDD) BackupPresentation_dsk1_2e4133b2a094L...	(new) BackupPresentation_dsk1_2e4133b2a094842983aucd...	Standard HDD
- Replication settings:** A note stating 'A new recovery services vault and recovery policy will be created.'
- Extension settings:** A note stating 'Site Recovery manages site recovery extension updates for all your replicated items. 1 new automation account will be created.'

At the bottom, there are navigation buttons: 'Review + Start replication', 'Previous', and 'Next: Review + Start replication'.



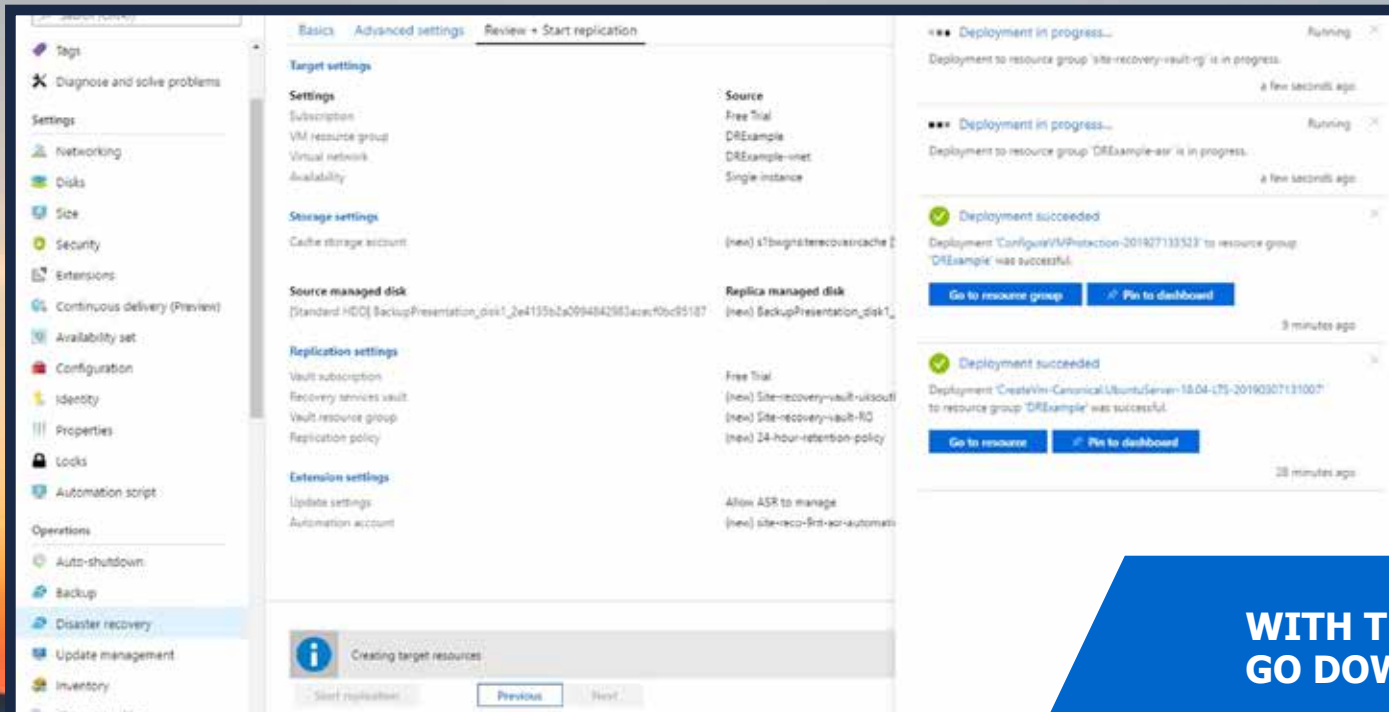
FOUR

Once you have confirmed your setting, press 'Start Replication' to begin the backup process. Depending on the amount of data to backup, it may take a while.



FIVE

The progress of the backup and recovery deployments can be tracked in the notifications window on the right-hand side of the tool. The recovery data will automatically update at fixed periods.



WITH THIS TOOL, WEBSITES NEED NEVER GO DOWN UNEXPECTEDLY AGAIN.

For more help, or if you need questions answered, contact Westcoast Cloud.

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