advatech

IT Solutions and System Integrator

Microsoft Azure

Fast, easy and online backup for your Oracle DB in Azure with cloning functionality

Microsoft Azure

How to backup Oracle Database on Linux in Azure and clone your environment.

Azure Backup Service is a great tool, but when it comes to Oracle DB it needs some tweaking. This is exactly what we did – we made some modifications and added some logic, so you can make backup of Oracle DB without downtime or performance impact on your productions system! It's in accordance with Oracle recommendations!

WHAT WE OFFER

Thanks to our changes, Oracle DB can be backed up using A2T Azure Backup Service Accelerator you can take tablespaces in backup mode and automatically copying/restoring archive logs using Geo Redundant Storage Account.

Backup is done in background by backend Azure processes. When it is initialized, backup agent runs fsfreez command sequentially for all mounted filesystems then snapshots of all disks are taken. When snapshot is taken all data is copied to the vault.
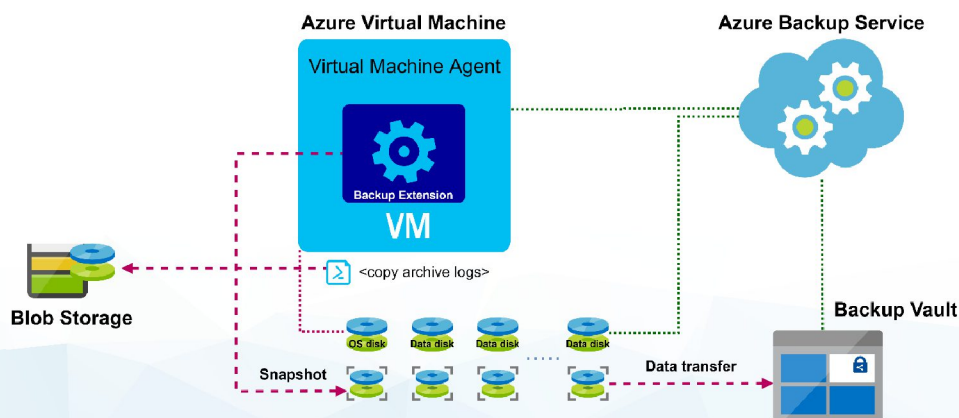
Our solution gives the following benefits:
- **online backup** - no downtime needed
- **fast restore** - for up to 5 last backups
- **restore** - available in other region and comes with automatically applied (all needed) archive logs
- **easy cloning** functionality

When and where this solution needed:
- no downtime possible
- Oracle Database is installed on Linux OS
- Datafiles are on filesystems
- VMs uses standard or premium managed disks
- fast cloning of DB is required

Microsoft Azure

Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.

KEY USE CASES

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