

# Oracle Data Base Migration To AWS Using Lift-And-Shift

Access has perfected the process of migrating databases to Amazon AWS using a lift-and-shift method. Perfect for small and mid-sized businesses, this streamlined process quickly and affordably transfers an organization's on-premise virtualized environment to AWS.

### 4 Step Process:

1. Virtual Machines (VMs) are exported in Virtual Machine Disk (VMDK) format.
2. Once exported, VMDKs are transferred to Amazon Simple Storage Service (S3) using multi part upload technology.
3. VMDK files are imported into AWS using AWS VM Import/Export tool.
4. Delta archive logs are sent to S3 which is played to the new data base to sync the changes since the export of the VM.

### Benefits Of This Method:

- Quickly extends the corporate datacenter to public cloud
- Lift-and-shift approach replicates applications without re-design saving time and money.
- Source databases remain operational during migration, minimizing downtime.
- Improved total cost of ownership by moving workload

