

CPM Case Study: ITpreneurs

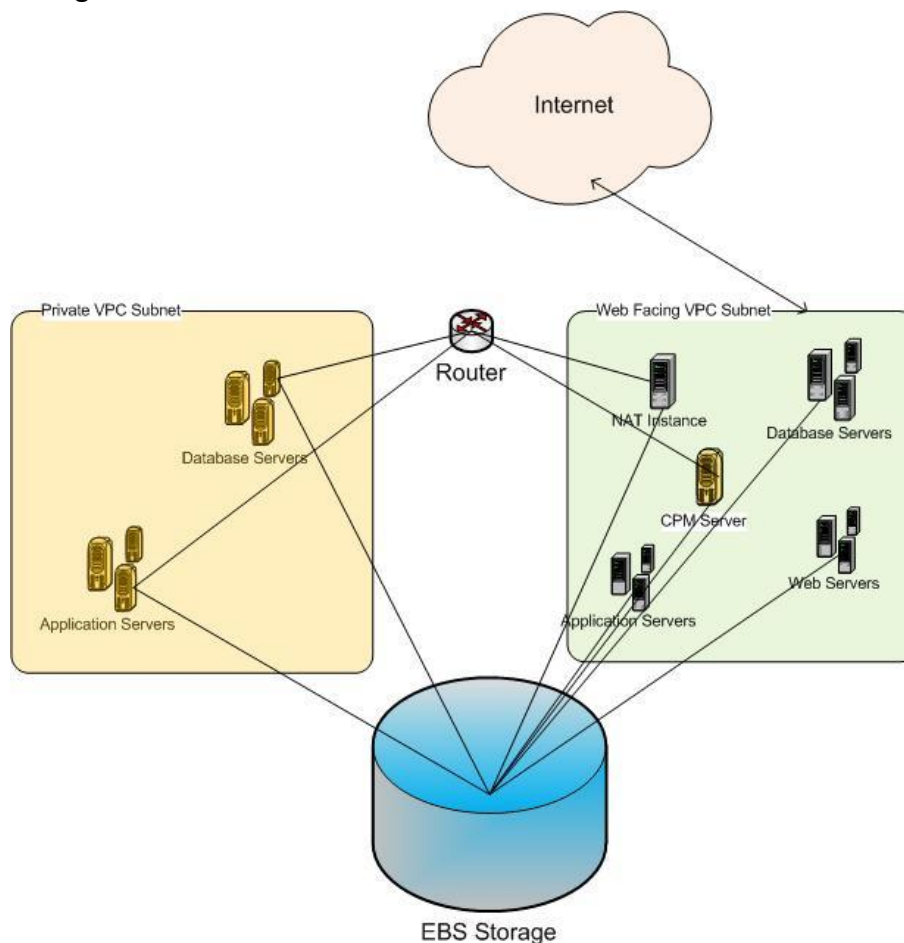
1. About ITpreneurs

ITpreneurs offers innovative competence development programs for IT best practices to support the educational needs of IT professionals. With expertise in key categories including IT Service Management, Governance and Strategy, Process Improvement, Project and Program Management and Emerging Technologies, ITpreneurs provides guidance on global frameworks and integrated solutions.

ITpreneurs is headquartered in the Netherlands with branches in the US, Japan, India, Brazil, China, Denmark and the Middle East.

2. EC2 Architecture

ITpreneurs has extensive IT resources in AWS's Elastic Compute Cloud (EC2). It runs servers in two VPC subnets: one private and one web-facing. The private subnet has outward connectivity to the Internet via a NAT configuration:



ITpreneurs servers are mostly Windows-based with web servers, databases, and other applications (e.g. SharePoint). The storage used for these servers is EBS (Elastic Block Storage). The CPM backup server is located in the public subnet.

3. Backup & Disaster Recovery Requirements

ITpreneurs requires a daily backup of its servers and databases and the ability to recover these servers and databases, in their original availability zones in case of data loss, or in other availability zones in case of an outage.

Furthermore, to comply with its disaster recovery policy, ITpreneurs need to copy snapshots of certain critical volumes to another AWS Region.

4. CPM as the backup & recovery solution

ITpreneurs chose CPM over other backup and recovery solutions, because of its comprehensive feature set, reliability, ease of use and configuration, and the fact it does not consume unnecessary IT resources:

“We had checked other solutions for our requirements but finally decided on the CPM solution, because of its ease use and configuration. As per our requirements we found that CPM backup/snapshot management solution is the perfect solution for us,” says Gaurav Bist, IT Operations Manager at ITpreneurs.

By utilizing CPM and relying on EBS snapshots, ITpreneurs ensure that it can recover complete applications and servers within minutes. CPM also provides the flexibility required to recover lost data at its original location or at other locations, in case of infrastructure malfunctions or outages.