

The Executive Affairs Authority (EAA) is a government body that provides consulting services to the Chairman of the Abu Dhabi Executive Council. According to the management consultant firm McKinsey and Company, it is estimated that global annual spending on data center infrastructure and services exceeds US\$350 billion, with nearly half of that spent on capital expenditure (products) and the other half on operating expenditure (employees, services, overheads). And Emerging technological advancements pose lots of opportunities for the transformation of capital expenditure (capex) to operational expenditure (opex) through the introduction of the pay-per-use schemes within cloud computing technologies, which broaden the user base of many of the enterprises. And The EAA chose VCE (Virtual Computing Environment Company) vblock, a technology for cloud and virtualization offered by three top IT vendors: Cisco, EMC, and VMware. This technology will assist EAA in overcoming some expensive issues of implementing a private cloud. Vblock technology will also enable EAA to have the flexibility within its IT infrastructure to meet requirements for rapid growth and to introduce new services quickly. This would facilitate centralized decision-support systems, and enable executives to monitor the business performance and make decisions efficiently. With vblock, EAA will have an integrated IT system, through which it can access the services of the three major partner vendors behind Vblock (Cisco, EMC, and VMware) for immediate support requirements or technical issues. Also needed to reduce the complexity of the infrastructure Virtualization of the infrastructure made sense in order to reduce speed and costs of accessing information, by delivering dynamic IT services as and when required by users. Private clouds are cloud infrastructures operated entirely by a single organization and maintained by the single organization or an external organization. Also, the client company is dependent on the reliability of the provider's security mechanisms to protect its data from being accessed or damaged, with private clouds, all confidential and private business information is contained by the organization, Unlike public clouds. Additionally, it provides in-depth analysis and cross-departmental reports to various government stakeholders. And The benefits of using the public cloud include reduced costs the capital expenditure which a company would be required to invest, often proportional to IT systems, is removed. In order for the EAA to provide its crucial services in a rapid manner, based on up-to-the minute information, excellent IT infrastructure is critical. The EAA identified the need for virtualization of its IT resources. With over 70 percent of the spending required to maintain existing infrastructures, only 30 percent or less is available for developing new technologies or strategies that could result in business efficiencies. EAA also acts as an enabler of policy implementation across the Emirate. Five advisory units make up the EAA: economic and energy, government affairs, legal and risk affairs strategic affairs, and strategic communication affairs. By 2015 it is projected that approximately US\$85 billion, 20 percent of this total market, will be directed to data center virtualization and private cloud technology. A public cloud is an infrastructure that is made available to the general public or a large and diverse industry group. Public clouds have attracted criticism because of the potential ability of the provider to access company information. The security of information is of paramount importance.