

EDB Ark™

Cloud Management plus Database-as-a-Service

To be successful new business technology solutions have to simplify technology management, accelerate time to value and go easy on the budget.

Well done cloud computing will deliver all of the above objectives allowing you to offload IT management to focus on innovation to drive your digital business including web, mobile and IoT applications.

EDB Ark™ integrates with public and private clouds such as Amazon Web Services™ and OpenStack® to provide you a Database-as-a-Service (DBaaS) solution. By automating infrastructure provisioning and de-provisioning as well as database installation and configuration it allows you to deploy and manage databases within minutes.

Its RESTful API enables custom integration and Platform-as-a-Service (PaaS) solutions such as Pivotal Cloud Foundry™.

EDB Ark is designed to simplify database management in the public and private cloud, giving you the performance, reliability and ease of use you need to support agile IT operations including DevOps and continuous delivery.

Highlights

Faster time to market

EDB Ark is the only tool with a single management interface for infrastructure and Postgres database provisioning that integrates with public and private cloud technology. Choose between pre-configured machine sizes and database engines to match your use case and skip waiting for manual hardware, storage, network, and database setup thanks to EDB Ark's automated installation and configuration routines.

Ease of use

With EDB Ark anyone in your organization can create and manage databases within a few minutes. The easy-to-use self-service console allows your developers to spin up new virtual machines or containers with EDB Postgres for non-stop development. EDB Ark also allows cloning of an existing database for quick and easy UAT testing. Any new database will automatically be configured with connection pooling, load balancing, backups and automatic failover for great performance, high availability, and disaster recovery.

Flexibility

EDB Ark manages EDB Postgres in the public and private cloud. It allows you to flexibly adapt your databases to new requirements. Its auto-scaling functionality scales up read capacity elastically to meet peak demands and adds storage when needed.

Datacenter transformation

EDB Ark helps you to consolidate on-premises hardware in your private cloud and use additional capacity in the public cloud for greater flexibility, better resource utilization and lower cost overall.

Self-Service for Agile Development

Never wait for a database again. Provision it in the cloud of your choice using EDB Ark's self-service console.

Pre-configured server sizes and database engines let you choose the environment to best match your use case. Use EDB Ark to set up a sandbox, development machine or test server in just a few clicks.

EDB Ark API for Better Automation

Use EDB Ark's API to empower your DevOps team to build custom dashboards or to entirely automate their database deployments using IT automation software like Chef™ or Puppet™ with EDB Ark.

While IT automation software can be used to script deployments from scratch, it is easier to rely on EDB Ark to implement tested, reliable procedures to do so.

Besides creating a new Postgres database cluster, you can add additional streaming replicas for high availability and read/write scalability, configure backups for disaster recovery, or set the thresholds for EDB Ark's auto-scaling of read replicas and storage. You can also use the API to monitor servers as well as databases, and download server logs.

Contact us

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