

EDB Postgres Ark

Cloud Management Plus Database-as-a-Service

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

Cloud computing done well will deliver all of the above objectives, allowing you to offload IT management. You can then focus on innovation to drive your digital business including web, mobile, and Internet of Things (IoT) applications.

EDB Postgres 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 Postgres 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.

Service Highlights

Faster Time to Market

EDB Postgres 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 Postgres Ark's automated installation and configuration routines.

Ease of Use

With EDB Postgres Ark any authorized users 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 with EDB Postgres for non-stop development. EDB Postgres Ark also allows cloning of an existing database for quick and easy UAT testing. Any new database can automatically be configured with connection pooling, load balancing, backups, and automatic failover for great performance, high availability, and disaster recovery.

Flexibility

EDB Postgres 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.

Data Center Transformation

EDB Postgres Ark helps you leverage consolidated on-premises hardware in your private cloud or deploy 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 Postgres 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 Postgres Ark to set up a sandbox, development machine, or test server in just a few clicks.

EDB Postgres Ark API for Better Automation

Use EDB Postgres 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 Postgres Ark.

While IT automation software can be used to script deployments from scratch, it is easier to rely on EDB Postgres 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 Postgres 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

Australia	+61 2 8019 7055	Japan	+81 50 5532 7038	Sweden	+ 46 844 683476
France	+ 33 975 187082	Korea	+ 82 2 6007 2500	United Kingdom	+ 44 20 37406778
Germany	+ 49 322 21097906	Netherlands	+ 31 (0)20 8080937	United States	+1 781 357 3390
India	+91 20 366449600	Poland	+ 48 223 079848		