



Cobalt

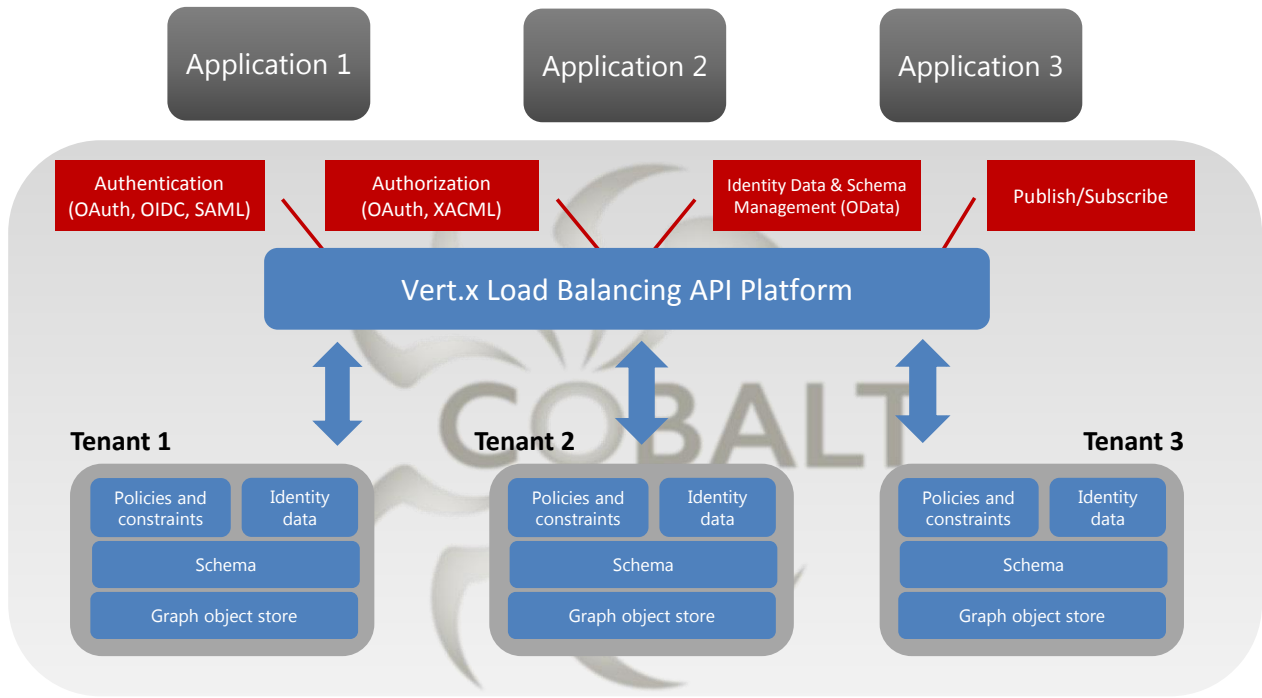
Ingenious identity for your cloud applications

Cobalt is a set of easy-to-deploy identity components for cloud applications that allow you to rapidly set-up and securely manage your own identity services in the cloud.

Cobalt's packaged identity approach offers significant advantages over do-it-yourself (DIY) and identity as a service (IDaaS) solutions for cloud service providers.

It provides a quick and inexpensive way to deliver flexible and scalable best practice IAM solutions that make use of open standards such as OpenID Connect, OAuth 2, SAML and OData.

And it allows you to retain ownership and control of your identity data, manage costs and avoid vendor lock-in.





Identity provisioning

Cobalt includes a synchronization engine which provides a quick and easy way for your customers to migrate and synchronize on-premises identities to your online service.

Cloud directory

Cobalt provides a robust and secure cloud identity store for your application. Integrated policy-based access controls provide complete control over who can access the identity data. And an OData RESTful API provides easy access for your application.

RESTful API services

Cobalt offers a comprehensive set of RESTful API interfaces to facilitate secure data access and identity management. The

following services are offered through RESTful APIs:

- Identity data access and modification API enables your application to interact directly with the cloud identity store.
- Schema management API lets your application customize the cloud identity store schema on a tenant-by-tenant basis.
- Access control management API allows your application to manage authorization policies that control access to information and the behavior of your application.
- Tenant management API creates, removes and manages tenants.

Multi-tenancy

Cobalt is designed for multi-tenancy. Setting up new tenants and securely segregating tenant data is quick and easy. Tenant hierarchies can be created. And you can configure features and services on a tenant-by-tenant basis.

Authentication

Cobalt supports local username and password authentication, as well as single sign-on to multiple applications using OpenID Connect. It also supports multi-factor authentication and social login via Google+, LinkedIn, Twitter and so on.

In addition Cobalt can operate in a federated environment consuming authentication tokens from other cloud or on-premises identity management systems that support SAML, or identities from your customers on-premises Active Directory.

And it can allow third party applications to use your service as a federated identity provider.

Application access control

Cobalt allows you to externalize application authorization decisions. Access control policies, decisions and the decision making logic that underpin them are all handled by our XACML v3.0 policy-based authorization server, reducing the

footprint and complexity of your application.

This policy-based access control model can also be extended beyond your application to protect any RESTful APIs you expose. This is particularly important if your APIs allow access to your cloud identity store.

Scale out, performance, efficiency and geo-redundancy

Cobalt provides robust replication mechanisms to support high availability and geo-redundancy, whilst the load balancing front end ensures optimal performance and efficiency. And you control where your identity data is located, to bring it closer to your services for increased performance, or to meet the data sovereignty requirements of your customers.

Standards support

Cobalt provides support for a number of industry standards to make integration with your applications easy:

- OData
- LDAP
- OpenID Connect
- OAuth 2
- XACML
- SAML
- AMQP

Change notification and workflow

Cobalt allows subscriber applications to keep track of changes in the cloud directory via AMQP- or HTTP-based services. It also provides workflow capabilities, meaning that changes in the cloud directory can be used to drive changes in other systems.

Audit

Cobalt integrates with Splunk to provide comprehensive auditing for all your analytics and compliance requirements.

About Us

ViewDS Identity Solutions develops ingenious identity and access management solutions for the cloud.

We are headquartered in Melbourne, Australia with offices in Sydney and Santa Cruz, California, and a network of channel partners around the world.