

CYBERARK IN DBS-H'S DATA STREAMING PLATFORM

Highlights

- Enterprise data lake enabler
- Tight integration between CyberArk password management and DBS-H data streaming platform
- Allows application teams to rollout big data applications without compromising sensitive legacy systems

One of the most important IT related initiatives today is creation of data lakes for use with new Big Data technologies. It is critical for core business data to continuously flow to data lakes for use in new applications, compliance reporting and the like. To do this, integration tools need to connect to and draw data from highly sensitive key internal systems. The risks inherent in providing such access are obvious to all IT administrators.

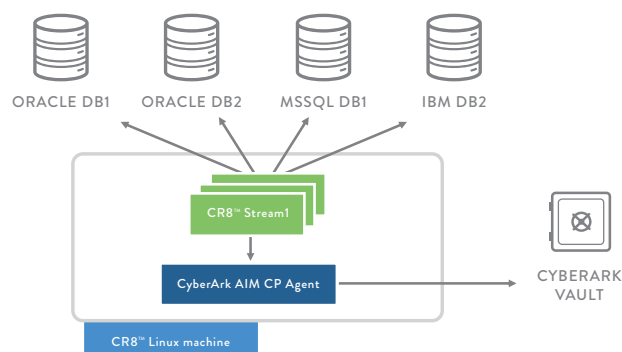
Tight integration between DBS-H's continuous, real-time data integration platform, CR8™, and CyberArk's Application Identity Manager (AIM) allows Enterprise's to provide controlled, secure access to core systems and allow data updates to flow to their new data lakes.

Securely Streaming Core Legacy Data to Big Data Technologies

CyberArk Application Identity Manager enables organizations to protect data residing in business systems by eliminating hard-coded credentials from application scripts, configuration files and software code. Moreover, the solution can be used to store and rotate credentials used by applications to authenticate to target systems, thereby reducing the risk of unauthorized use.

CR8™ by DBS-H unlocks Enterprise data created and stored in core business, legacy, and SQL-based systems and streams the updated data to new, big data environments and data lakes for use in new applications, analytics, and reporting. CR8™ is completely non-intrusive, utilizing an agent-less architecture that retrieves database transactions from the source database transaction log files, formats these transactions and writes them to a wide variety of targets.

Rather than storing encrypted database and other passwords in CR8™'s configuration files, CR8™ has developed a module that queries CyberArk AIM's password vault in order to connect to the source database. To do this, the CR8™ operations personnel do not have any need to enter the password or to have any exposure to the password at all. The password is stored in the vault by the IT administrators and CR8™ retrieves it and submits it to connect to the database with no human interference at all. In this way the connection remains secure at all times.



Partner Products

- CR8™ Continuous, real-time SQL to NoSQL data streaming platform

CyberArk Products

- The CyberArk Core Privileged Account Security Solution is designed from the ground up for security and helps organizations efficiently manage privileged access, proactively monitor and control privileged access activity, intelligently identify suspicious activity, and quickly respond to threats.
- CyberArk Application Identity Manager™ eliminates embedded application credentials in less dynamic environments

Joint Capabilities/Features

CR8™/CyberArk AIM integration includes an embedded function in CR8™ that automatically accesses the CyberArk Password Vault, retrieves the relevant and valid password and then uses this to connect to core business systems in order to stream data to data lakes.

Capabilities include:

- Removal of hard coded-credentials within sensitive applications and data lakes
- Automatic anonymous retrieval of database passwords
- Automatic refresh of the password from the vault for new connections

Summary/Main Takeaway

The CyberArk/ CR8™ integration enables core business data to flow to Big Data data lakes in an operationally secure manner while keeping passwords safe and out of the hands of non-essential personnel.

Joint Solution Benefits

- Enables new high value applications in a secure manner
- Eliminates the need for complex encryption and other security measures for storing connection credentials
- Robust and operationally simple architecture

About CyberArk

CyberArk is the only security company that proactively stops the most advanced cyber threats – those that exploit insider privileges to attack the heart of the enterprise. The company has pioneered a new category of targeted security solutions to protect against cyber threats before attacks can escalate and do irreparable business damage. To learn more, visit us at www.cyberark.com.

About DBS-H

DBS-H is the only Data Streaming company that provides ability to stream SQL transactions from core business databases to the widest range of NoSQL and SQL targets. DBS-H is dedicated to unlocking data being generated and stored in legacy systems and streaming this data to data lakes and NoSQL environments.

