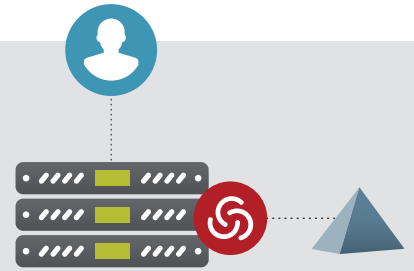


Identity and Access Management for Couchbase

Securing Couchbase Enterprise leveraging Active Directory



The Centrify Server Suite™ solution for Couchbase Server is an enterprise-class offering that makes securing even the most complex multi-cluster Couchbase environments simple and straightforward by connecting your Couchbase nodes to your existing Active Directory infrastructure. The result is enterprise-wide authentication, access control, privilege management and auditing your Couchbase clusters & nodes.

Protect High-value Data from Cyberthreats

In today's modern enterprise, Big Data solutions deliver insights from massive amounts of data to drive revenue, reduce costs and increase business efficiencies. These solutions must accommodate the ever-growing number of users accessing applications, their expectation for real-time responses and the sheer volume of applications and data being stored and accessed. Couchbase, a leading provider of solutions built on NoSQL technology, delivers a high-performance, distributed database to accommodate the high-throughput required for real time big data applications.

Solutions storing sensitive and business critical data such as customer, financial and personally identifiable information (PII) need to be governed by corporate security and compliance policies. Only users with a business need should access Couchbase's cluster, least privilege should be enforced, and activity should be audited to satisfy regulatory compliance requirements such as PCI, SOX, HIPAA, NERC/FERC and FISMA.

Big Data solutions leveraging NoSQL technology present tremendous opportunity for enterprises across industries, and can introduce major net new infrastructure at the same time. To realize the true value of NoSQL, businesses need to focus on building their Couchbase real time big data solutions to serve hundreds of millions of consumers and business users, instead of building parallel and non-standard identity management infrastructures to secure their NoSQL environments.

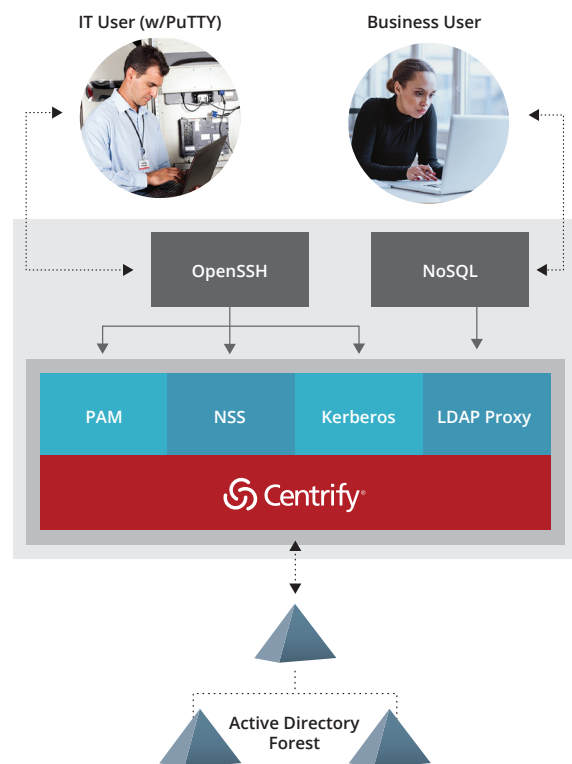
Secure NoSQL Clusters

Couchbase provides powerful database technology to manage data and access security. Centrify complements and extends Couchbase's security by simplifying authentication, access controls, privilege management and auditing in the most complex Couchbase environments. Centrify Server Suite leverages existing investments in Active Directory to provide centralized identity management and auditing across the entire enterprise, which includes Couchbase clusters, the result is an easy and cost-effective way of connecting Couchbase nodes to your existing Active Directory infrastructure.

How it Works

Centrify Server Suite seamlessly integrates the nodes in the NoSQL cluster into Active Directory for centralized user authentication, privilege management and auditing. Centrify's solution also makes it easy to connect Couchbase nodes to the most complex Active directory environments.

Nodes can be auto-joined to Active Directory using tools that automate the process of installing Centrify software and integrating servers with Active Directory. IT administrators and Couchbase users benefit from simplified access, leveraging single sign-on to the cluster and across nodes using Centrify-enabled PuTTY with their standard Active Directory credentials.



Couchbase administrators can use their Active Directory credentials to manage clusters through the Couchbase Admin Console, leveraging seamless authentication provided by Centrify's Lightweight Directory Access Protocol (LDAP) proxy. Centrally managing user accounts in Active Directory eliminates the need to create multiple identities for users and ensures a "one user, one identity" framework that strengthens security, lowers IT costs and streamlines your organization.

Centralizing identity management with Centrify across your enterprise of Couchbase clusters, nodes and applications makes it possible to deploy a truly cross-platform solution for consistently managing not only authentication, but also who has privileged access to systems and data, and auditing what they are doing with it.

Centrify + Couchbase

- **Secure Couchbase environments by connecting clusters to your existing Active Directory infrastructure.** Centrify makes it simple to connect Couchbase to your existing identity management infrastructure — Active Directory. Minimize costs by eliminating the need for parallel solutions and leveraging existing skill sets.
- **Increase productivity and security via single sign-on for IT admins and Couchbase users.** By extending the power of Active Directory's capabilities to your Couchbase clusters, Centrify delivers authentication for administrators and end users.
- **Mitigate threats resulting from identity-related risks and address compliance and audit requirements.** Couchbase environments store important enterprise and consumer data. Centrify controls access, manages privileges, audits activity and associates everything back to an individual, thereby making your data more secure. Centrify delivers cost-effective compliance with reporting on who has access and who did what across Couchbase clusters.

How to Get More Information

For more information on the Centrify and Couchbase partnership, visit <http://www.centrify.com/couchbase>.

The Centrify and Couchbase Partnership

Couchbase is revolutionizing data agility by building high performance, always available applications with enterprise NoSQL for data centers and connected devices. Centrify is revolutionizing identity management by addressing the needs of both end users and privileged users across data center, cloud and mobile environments. Centrify and Couchbase have partnered to provide a solution that addresses the identity management and audit needs for the most complex Couchbase deployments, without introducing new identity management infrastructure.

Couchbase delivers the world's highest performing NoSQL distributed database platform. Developers around the world use the Couchbase platform to build enterprise web, mobile, and IoT applications that support massive data volumes in real time. The Couchbase platform includes Couchbase Server and Couchbase Mobile. Couchbase is designed for global deployments, with configurable cross data center replication to increase data locality and availability. All Couchbase products are open source projects. Couchbase customers include industry leaders like Cisco, Symantec, Home Depot, McGraw Hill Education, Millennial Media, Amadeus, LinkedIn, Concur, as well as many other household names. Couchbase investors include Accel Growth Fund, Adams Street Partners, Ignition Partners, North Bridge Venture Partners, Mayfield Fund and WestSummit Capital.

The Centrify solution is Couchbase Certified, thereby ensuring compatibility between the Centrify Server Suite and Couchbase Server. Centrify and Couchbase have also established an integrated technical support process for customers.



Centrify strengthens enterprise security by securing identities from cyberthreats. Centrify uniquely unifies identity for privileged and end users across cloud, mobile and data center. Centrify improves security, compliance, agility and productivity for over 5000 customers, including over half of the Fortune 50 and over 80 federal agencies. www.centrify.com.

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