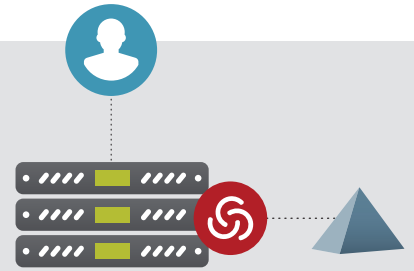


Identity and Access Management for MongoDB

Securing MongoDB Enterprise leveraging Active Directory



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

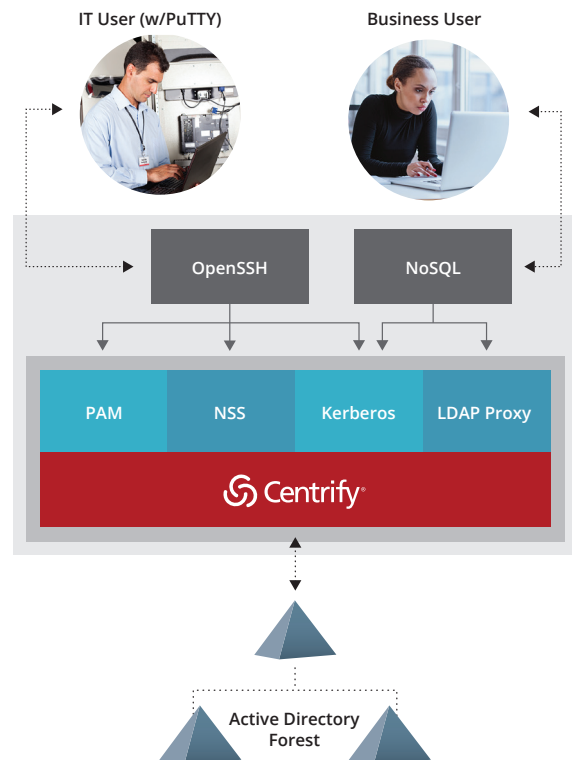
Secure NoSQL Clusters

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

- **Secure MongoDB environments by connecting clusters to your existing Active Directory infrastructure.** Centrify makes it simple to connect MongoDB 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 MongoDB users.** By extending the power of Active Directory's capabilities to your MongoDB clusters, Centrify delivers authentication for administrators and end users.
- **Mitigate threats resulting from identity-related risks and address compliance and audit requirements.** MongoDB 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 MongoDB clusters.

How to Get More Information

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

The Centrify and MongoDB Partnership

MongoDB 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 MongoDB have partnered to provide a solution that addresses the identity management and audit needs for the most complex MongoDB deployments, without introducing new identity management infrastructure.

MongoDB delivers the world's highest performing NoSQL distributed database platform. Developers around the world use the MongoDB platform to build enterprise web, mobile, and IoT applications that support massive data volumes in real time. The MongoDB platform includes MongoDB Enterprise Advanced,, MongoDB Cloud Manager, and MongoDB Professional. MongoDB is designed for global deployments, with configurable cross data center replication to increase data locality and availability. All MongoDB products are open source projects. MongoDB customers include industry leaders like ADP, Bosch, Expedia, Forbes, MetLife, The Weather Channel, and hundreds of other household names. MongoDB investors include Altimeter Capital, Fidelity Investments, Flybridge Capital Partners, The Goldman Sachs Group, In-Q-Tel, Intel Capital, New Enterprise Associates, Red Hat, Salesforce, Sequoia Capital, Union Square Ventures and T.Rowe Price.

The Centrify solution is MongoDB Certified, thereby ensuring compatibility between the Centrify Server Suite and MongoDB Server. Centrify and MongoDB 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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