

ForgeRock Directory Services

A High-Performance Data Store for Security, Resilience, and Scalability

ForgeRock Directory Services is an internet-scale data store designed to meet the needs of your hyper-competitive, identity-intensive enterprise.

Today's Enterprise-Data Dilemma

Traditional directories were designed and built to support internal-facing employee access management systems with small user populations largely focused on internal use cases. Now, organizations are optimizing around the digital online experience for [consumers](#), [workforce](#), and [Internet of Things \(IoT\)](#) users and need a directory service that can perform in accordance with the stringent requirements of all three identity types.

These requirements include the storage and near instantaneous retrieval of ever-greater volumes of identity-related information, sometimes into the billions of records. They require supporting global initiatives that can alter the deployment models from on-premises directories to cloud and hybrid models, yet still require that data be placed geographically close to the users and applications that need them the most. They require data security and integrity so only authorized users, servers, and applications are able to access or write to the data store. And finally, IT requires an easy-to-manage, resilient directory that can grow at the pace of business.

ForgeRock's Directory Approach

Good identity and access management (IAM) starts with good data management. That is the guiding principle at ForgeRock, and it forms the basis of our continuous innovation on the industry's leading scalable and high performing data store. Some highlights of ForgeRock Directory Services include:

Deploy Anywhere You likely have a variety of on-premises, cloud and hybrid environments to support. ForgeRock Directory Services can be deployed on any operating system, within any cloud (Google Cloud Platform, AWS, Microsoft Azure, and others) on any server, or deployed using containerized Docker and Kubernetes technologies. Our DevOps approach gives you the tools you need to build ForgeRock Directory Services into your applications with ease.



Built for Light-Touch Management Deploying anywhere does not mean adding complexity to your IT management scheme. ForgeRock Directory Services is purpose-built to be easy to set up, configure, and manage so you won't need to train additional IT staff. And key functions, like setting up new instances or performing replications, can be automated to ensure the directory supports your business – and not the other way around.

Performance Your Users Expect Your users depend on fast performance. ForgeRock Directory Services is optimized for performance at scale with data integrity and security. With millisecond response times and read/write performance in the tens of thousands of transactions per second, ForgeRock Directory Services satisfies the most rigorous performance requirements for every industry, from telecommunications and financial services to large-scale retail and media.

Out of the Box or Customized The future is uncertain, but using ForgeRock Directory services as your data store means you can customize it as your business needs evolve. ForgeRock Directory Services software development kit (SDK) provides a high-performance, easy-to-use library of classes and interfaces for accessing and implementing services. Administrators can leverage existing expertise to enhance and deploy ForgeRock Directory Services without the need for external services.

A Trusted Data Store Data must be secure, and it must be trusted. Encrypted database entries ensure confidentiality and integrity of data at rest, so that an administrator on any device accessing the disks cannot get ahold of the data or tamper with it. This adds a critical layer of security against malicious attacks and potential breaches. All configuration changes are audited and archived, offering easy rollback to a working configuration if disaster strikes. You can have confidence in a service that will scale well beyond your current business requirements.

Highly Available and Resilient ForgeRock Directory Services offers zero downtime so you don't have to stop services to make an upgrade. Even with billions of objects in the data store, there is no noticeable impact on performance. Scale up or scale down as your demand requires. Your users and applications will always have access to the critical identity information they need to keep up and running and stay productive.

A DevOps Dream Building directory services into your applications is essential to achieving your business goals. ForgeRock includes tools for developers so you can build ForgeRock Directory Services where you need it. ForgeRock Directory Services gives you the option of an LDAP SDK or REST API, SCIM, LDAP, and DSML-based web services. No matter what you're building, ForgeRock supports your DevOps approach with the tools you need to achieve your goals.

The Identity Future

Your organization should never be in the position of missing out on business opportunities because of slow-performing data retrieval. ForgeRock Directory Services supports the lightning fast performance your users and applications require, protects your data, and provides the resilience and uptime needed to run a global business. With ForgeRock, you can build new services and revenue-generating program to propel your business now and into the future.

About ForgeRock

ForgeRock, the leader in digital identity, delivers modern and comprehensive Identity and Access Management solutions for consumers, employees and things to simply and safely access the connected world. Using ForgeRock, more than a thousand global customer organizations orchestrate, manage, and secure the complete lifecycle of identities from dynamic access controls, governance, APIs, and storing authoritative data – consumable in any cloud or hybrid environment. The company is privately held, and headquartered in San Francisco, California, with offices around the world. For more information and free downloads, visit www.forgerock.com or follow ForgeRock on social media.

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