CUT TCO WITH A MODERN IAM DIRECTORY SERVER

TECHNICAL BRIEF

Legacy identity and access management (IAM) systems could be costing you more than you realize. Taking on more of a strategic role in digital business, IAM systems are satisfying strict security and governance requirements, moving to the cloud and reducing costs. Outdated systems simply can't keep up.

As IT leaders make a business case for moving to a modern IAM and directory server solution to support their digital transformation, it's important to identify the hard and soft costs of continuing to operate legacy systems. Calculating total cost of ownership (TCO) for identity management that enables digital business involves more than IAM for the workforce. It includes customer identity and access management (CIAM) and IAM for Internet of Things (IoT) initiatives.

Legacy Directory Server Environments

Your LDAP directory server represents the data management foundation for your identity management systems. Unfortunately, legacy directory servers have not kept up with the pace of innovation needed to compete in digital business. As a result, enterprises face challenges like:

- Delayed or lost business opportunities
- Poor performance, outages and prohibitive scaling expenses
- Increasing costs of maintenance, support and management resources
- Disparate data silos and fragmented identities
- Little or no support for modern standards and cloud
- End-of-support realities

Modern Directory Server Benefits

A modern directory server and identity management platform from Ping Identity can provide a leap forward in performance, reliability and security while reducing costs and enabling faster time to market for new applications. These are necessities in today's IT environment that are impossible to achieve with legacy directory servers. Key benefits of a modern directory server include:

- Extreme performance, scale and reliability
- Integrated end-to-end security
- Synchronization and unification of identity data
- Identity data exposed to modern and legacy applications
- Migration tools built specifically for legacy data stores

Reduce TCO with Ping Identity

The Ping Identity Platform enables enterprises to modernize their legacy IAM systems for workforce and customer identity management. Ping's solutions provide enterprises with the ability to securely store and deliver identity data, authentication credentials and comprehensive unified profiles consisting of structured and unstructured data. TCO reduction is the combination of hard and soft cost savings and the ability to capture new business opportunities.

Hard-cost Savings

HARDWARE FOOTPRINT REDUCTIONS: The Ping Identity Platform can reduce hardware footprint by as much as 80 percent. It can store entries more efficiently, reduce memory and disk requirements, and run in virtualized environments on commodity hardware as well as in private and public clouds.

> "500+ million entries, 250k concurrent users deployed in the cloud with zero downtime."

S&P 500 software company

> "5x performance and 1/2 the data center footprint"

Fortune 50 multi-national bank

EFFICIENT HORIZONTAL SCALABILITY: The Ping Identity Platform has the ability to run in virtualized and cloud environments with sophisticated entry balancing and replication. These proven out-of-the-box configurations can support extreme scale while minimizing cost and risk.

IMPROVED RELIABILITY AND AVAILABILITY: The Ping Identity Platform is well known for extreme throughput and high availability. Ping customers have logged over 250,000 concurrent users, 2.5 billion daily transactions, 99.999998% availability and instances in production running without downtime for 880 days and counting. If a performance issue does develop, an analytics interface provides an integrated dashboard to view performance metrics across your entire identity management infrastructure. It can also rapidly identify applications placing unexpected demands on your IAM systems.

Quick Formula to Estimate Hard-cost Savings

The following formulas can help your organization create an estimate of the hard-cost savings to modernize a directory server. Contact Ping Identity to perform a more thorough analysis.

HARDWARE SAVINGS =

(_____ X _____) X _____

Number of Servers
How many directory servers are you currently running?

Legacy Hardware Costs
How much does a server cost you to operate per year?

.4 to .8
Ping Identity can reduce hardware footprints as much as 40 to 80%.

SUPPORT SAVINGS =

_____ X (_____ + _____) X _____ X _____

Annual Outages
How many outages or other maintenance issues do you have annually?

Triage Time
What is your average time to triage in person hours?

Recovery Time
What is your average time to recover in person hours?

.6 to .8
Ping Identity can prevent 60 to 80% of issues.

IAM Staff Cost
On average, how much do your IAM employees cost per hour?

HIGH-AVAILABILITY SAVINGS =

_____ X (_____ + _____) X _____ X _____

Annual Outages
How many outages or other maintenance issues do you have annually?

Triage Time
What is your average time to triage in person hours?

Recovery Time
What is your average time to recover in person hours?

.6 to .8
Ping Identity can prevent 60 to 80% of issues.

Affected User Cost
What is the average hourly pay for affected employees and/or approx last revenue/hour for affected customers?

HARD-COST SAVINGS =

Hardware Savings + Support Savings + High-Availability Savings

Soft-Cost Savings

SIMPLIFIED DIRECTORY SERVER UPGRADES WITHOUT SERVICE DISRUPTIONS:
Ping Identity's in-place upgrade process runs side-by-side instances of the original and upgraded directories. This allows you to make upgrades without service disruption and enables seamless rollback to previous versions if needed. This also allows you to make a broad range of configuration changes without restarting servers.

EASY TO MANAGE END-TO-END DATA SECURITY: The Ping Identity Platform provides a centralized, easy-to-manage approach to end-to-end security that includes support for modern apps and standards. It encrypts data at all stages, and it delivers active alerts and robust logging for data access. It also supports best practices for separation of duties.

"Our modernized IAM solution handles 2.5 billion transactions with millisecond latency and 99.999998% availability."

Wireless Telco Provider

3. Capture New Business Opportunities

FASTER TIME-TO-MARKET FOR NEW APPS: The Ping Identity Platform provides simple and secure access to identity and profile data. Modern apps can access profile data through SCIM and REST APIs, including structured and unstructured data. This shortens time to market for new applications by providing developer-friendly access. Since the platform is LDAPv3 compliant, legacy applications can also easily access identity and profile data.

BETTER USER EXPERIENCES: The Ping Identity Platform boasts a built-in proxy server for entry balancing, out-of-the-box self-service account management templates that are optimized for web and mobile, and millisecond latency, all of which enable smooth customer experiences on any application that utilizes your organization's identity and profile data.

IMPROVE IAM EMPLOYEE EFFICIENCY: By reducing outages and enabling high performance and throughput, the Ping Identity Platform allows your IAM staff to focus less on maintaining your directory servers and more on forward-thinking digital business initiatives. This change in IAM staff focus can include new strategies that improve time to market for new applications, optimize user experience, and increase revenue in customer IAM scenarios.

HARD-COST SAVINGS

Results of the hard cost savings formula on page three

+

SOFT-COST SAVINGS

The lower costs gained from efficiencies like fewer disruptions and easy-to-manage security practices

+

OPPORTUNITY COST SAVINGS

The decrease in missed opportunity costs due to faster launch times, better customer experiences and improved employee efficiency

=

TOTAL SAVINGS

Know the Value of Modernizing Your IAM Directory

The costs of legacy directory servers are continuing to rise because of challenges like lack of support for new apps and standards and impending end-of-life support. These shortcomings can affect hard and soft costs and limit new business opportunities. Hard costs are easier to quantify, but soft costs and business opportunities may have a more profound impact on revenue, customer retention, employee productivity and other strategic KPIs. Please contact Ping Identity to perform a more detailed analysis of how much you can expect to save with a modern IAM platform.