



TaskEngine cluster

The TaskEngine cluster manages backend tasks and serves a crucial role in processing scheduled jobs such as directory sync, bulk operations, etc. without affecting the performance of the main App server cluster.



Web App cluster

The Web app cluster is a collection of application servers which is responsible for handling all incoming requests from an external network. This layer is designed with multiple nodes to handle many requests efficiently and to ensure minimal downtime for individual nodes.



Database cluster and archives

It securely stores Identity360 data and archives database data for disaster recovery as a precaution against potential risks. Three key functions are served:

- Customer data is segregated and isolated from each other using various data partition techniques.
- The database clusters are scaled independently based on the customer count and usage.
- Each Database instance in a cluster has a primary server and two slave servers for High Availability.

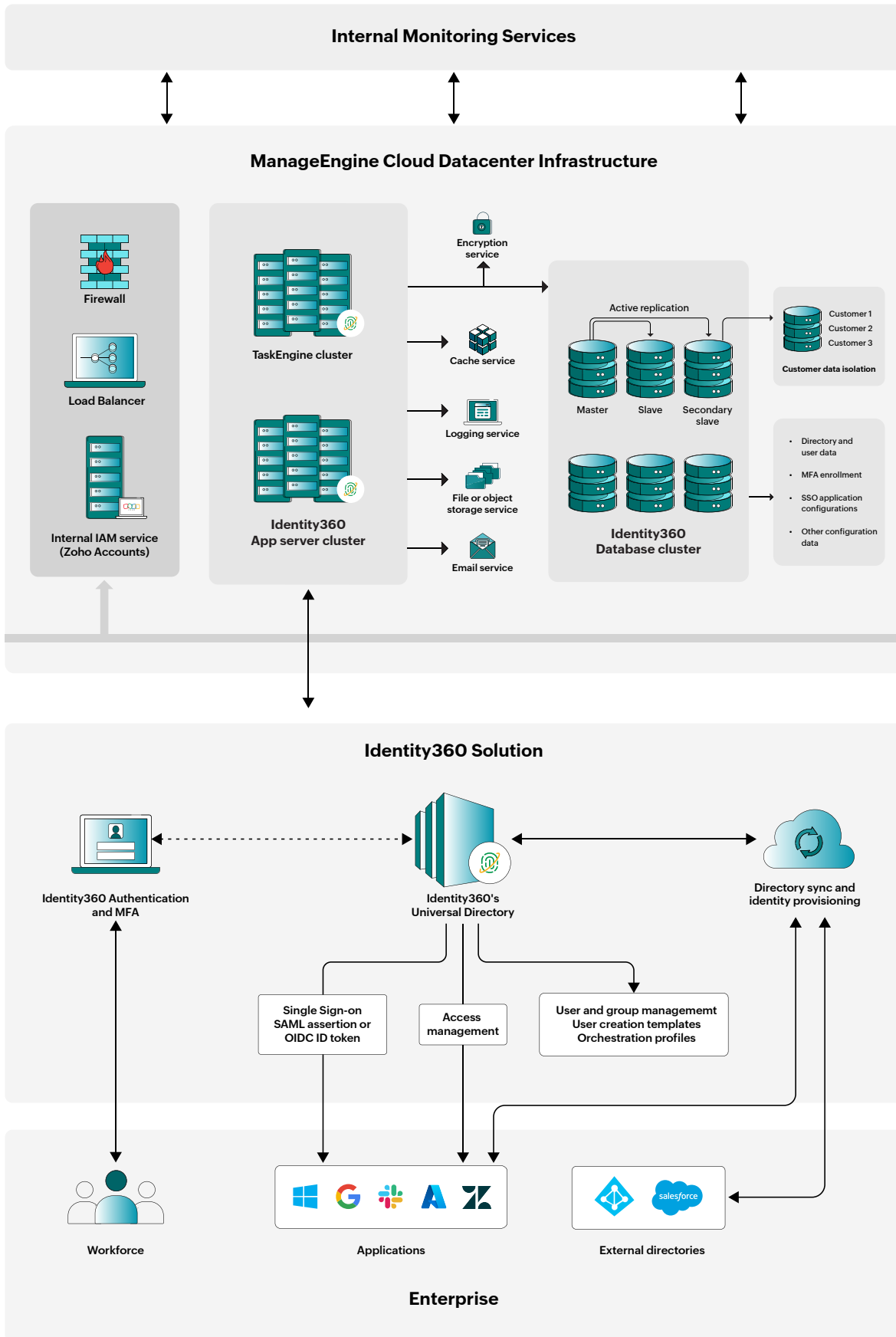


Microservices

- **Logging service** audits application logs.
- **File service** aids in the storage and retrieval of various data types, including customer logos and temporary processing data.
- **Mailing service** sends one-time passcodes or notifications to email addresses.
- **Cache service** facilitates in-memory storage, where frequently accessed data from the Database cluster is temporarily cached, to reduce database loads and enhance performance.
- **Encryption service** is a centralized service that ensures data protection through strong encryption (AES-256) for all the stored sensitive customer data. Separate encryption keys are used for each registered customer or organization.

How does Identity360 work?

1. All requests from id360.manageengine.com are handled by the Identity360 App server cluster through the firewall, load Balancer, and internal IAM service.
2. To access Identity360, users have to visit and authenticate themselves in the login page followed by an MFA check.
3. After successful login to Identity360, Universal Directory, which is Identity360's directory service, serves the following functionalities:
 - a. Identity Life cycle management which can be achieved by
 - i. User creation or modification and
 - ii. Syncing existing directories/applications like AzureAD, Salesforce, etc.
 - b. Single sign-on to SAML (or) OAuth2 OIDC compliant applications used by the enterprise can be performed.
 - c. Access management can be achieved using SCIM-based provisioning. This enables admins to effortlessly manage bulk end-user access to cross-platform enterprise applications.



How robust is the security of your data?

Identity360 is securely hosted within data centers, ensuring that communications between the user's web interface and the central server are safeguarded by high-level enterprise encryption protocols. Meticulously engineered to ensure the highest level of security at every phase, Identity360 delivers fortified security for user authentication, data transmission, and access through the entire workflow. All sensitive data is securely stored in an encrypted format within the data centers. Please check [this link](#) for more details.

The data centers housing customer data were carefully designed to adhere to security best practices at all levels—physical, technical, people, and processes. Currently, Identity360 is hosted exclusively in US data centers. However, we will consider hosting in other data centers as per requirement. Check out our [security page](#) to know more about data centers.

The inherent live replication, scheduled backup, and high availability architecture prevents data loss and ensures business continuity.

How does data segmentation happen?

All customer data is logically partitioned at the software level.

Upon signup, a segmented database is provisioned for your organization by default.

What do you require to access Identity360?

To get started with [Identity360](#), all you need is a standard web browser such as Firefox, Microsoft Edge, or Chrome.

Contact us:

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