

# Database and Application Migration UGO(UGO) 25.3.0

## Security White Paper

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# Contents

1 Security White Paper..... 1

# 1 Security White Paper

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UGO is a professional cloud service that focuses on heterogeneous database structure migration.

UGO provides fine-grained authentication, high availability, and data encryption to ensure security and high availability of databases and application migration.

## Fine-Grained Authorization

UGO uses Identity and Access Management (IAM) to implement fine-grained permission management. IAM provides identity authentication and access control, grants different permissions to different user groups, uses fine-grained authentication to control the usage scope of UGO resources, and ensures users have secure access to services.

## Network Isolation

UGO connects to a source database through a public network and connects to a target database through a non-public network.

UGO and the target database are located in different VPCs, and their networks are isolated by default. UGO is authorized to establish a VPC endpoint to connect to the target database, so the connection process is point-to-point. Networks of different users connected to UGO are still isolated from each other.

## High Availability

UGO uses the multi-node DR mechanism to ensure high availability.

## Storage Encryption

UGO takes security measures, including but not limited to encryption, for sensitive information such as user database accounts and passwords to ensure data security.

## Transmission Encryption

UGO provides SSL for connecting to the source and target databases to improve data transmission security.

## Data Deletion

When UGO evaluation or migration tasks are deleted, all task data of users is also deleted and cannot be restored.