



## Release Notes

### Apusic Load Balancer

## Copyright Notice

All intellectual property rights including software copyrights involved in this document have been legally registered and duly owned by Kingdee Apusic Cloud Computing Co., Ltd. Such rights are protected by Copyright Law of the People's Republic of China, Regulations on Protection of Computer Software, Regulations on Intellectual Property Protection, relevant international copyright conventions, laws, regulations and other intellectual property legislations. Unauthorized use is strictly prohibited.

## Disclaimer

All copyright information contained herein is legally owned by Kingdee Apusic Cloud Computing Co., Ltd. and protected by applicable laws. The Company shall bear no liability for any information unrelated to Kingdee Apusic contained in this document. You may view, copy and print this document only within the scope permitted by Copyright Law of the People's Republic of China. No entity or individual may use, modify or republish any part or content of this document without written authorization from Kingdee Apusic Cloud Computing Co., Ltd. Any violation shall constitute infringement, and the Company reserves the right to pursue legal liabilities accordingly.

Updates to this document shall not be notified separately. You may consult the Company regarding issues related to this document. All rights not expressly granted by the Company are reserved.

## Trademark Notice

 is a registered trademark filed with the National Intellectual Property Administration of PRC by Kingdee Apusic Cloud Computing Co., Ltd. Shenzhen. Exclusive rights to the registered trademark are legally owned by Kingdee Apusic and protected by law. Without written consent of Kingdee Apusic, no entity or individual shall use, copy, modify, disseminate, transcribe, or bundle and sell any part of this trademark with other products in any manner or for any reason. Kingdee Apusic shall pursue legal liabilities against any infringement of its trademark rights. All other trademarks or registered trademarks mentioned in this document belong to their respective owners.

# Contents

- 1 Introduction
  - 1.1 Intended Audience
  - 1.2 Related Documents
  - 1.3 Technical Support
- 2 Release Notes
  - 2.1 About This Version
  - 2.2 New Features and Enhancements
    - 2.2.1 Proxy Core
    - 2.2.2 Console
    - 2.2.3 High Availability

# 1 Introduction

This document is the Release Notes for Kingdee Apusic Load Balancer (ALB) V2.0.6. It helps users quickly understand the contents of the version update.

## 1.1 Intended Audience

This document is intended for R&D managers, technical architects, R&D engineers, middleware operations engineers, and anyone interested in the ALB product.

## 1.2 Related Documents

For more information about ALB V2.0.6, refer to the ALB V2.0.6 documentation set:

| No. | Document                                  | Description                                                                                                          |
|-----|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1   | ALB V2.0.6 Release Notes                  | Introduces the version updates of the ALB product.                                                                   |
| 2   | ALB V2.0.6 Quick Start Guide              | Briefly describes how to get started with ALB.                                                                       |
| 3   | ALB V2.0.6 Installation Guide             | Describes how to install ALB on various operating systems, start and stop the ALB service, and register the product. |
| 4   | ALB V2.0.6 Proxy Function Manual          | Describes the usage, configuration, and management of ALB features, as well as supporting tools.                     |
| 5   | ALB V2.0.6 Console User Manual            | Describes the usage and operation of the ALB Console.                                                                |
| 6   | ALB V2.0.6 Developer Manual               | Describes the ALB external APIs, the alb-cli command-line tool, and AI Agent integration.                            |
| 7   | ALB V2.0.6 Migration Guide                | Describes how to migrate and upgrade from earlier ALB versions to V2.0.6.                                            |
| 8   | ALB V2.0.6 Operations Manual              | Describes ALB monitoring, operations, and security hardening.                                                        |
| 9   | ALB V2.0.6 Performance Optimization Guide | Describes ALB performance tuning.                                                                                    |

## 1.3 Technical Support

ALB provides comprehensive technical support. You can obtain support through the following channels:

- Website: [www.apusic.com](http://www.apusic.com)
- Phone: 400-855-5800
- Email: [support@apusic.com](mailto:support@apusic.com)
- Kingdee Cloud Community: <https://vip.kingdee.com/?productId=73&productLineId=14&lang=zh-CN>

When requesting technical support, please provide the following information:

1. Your name
2. Your company information and contact details
3. The operating system and its version
4. The product version number
5. Details of the exception or error, such as logs and screenshots

## 2 Release Notes

Kingdee Apusic Load Balancer (ALB) V2.0.6 is a high-performance, highly concurrent web server and reverse proxy server built with a lightweight, modular architecture and cross-platform capabilities. The ALB Standard Edition is designed to handle large numbers of concurrent connections, providing core features such as static content serving, load balancing, and Layer-4/Layer-7 proxying, along with security capabilities like GM SSL and access control. Its flexibility and extensibility make ALB Standard Edition an ideal choice for building high-performance websites and applications, especially in scenarios that need to handle large amounts of static resources and dynamic requests.

### 2.1 About This Version

ALB V2.0.6 is compatible with **Nginx 1.10** to **Nginx 1.30**, and the Console has been fully upgraded.

### 2.2 New Features and Enhancements

#### 2.2.1 Proxy Core

- Full compatibility with **Nginx 1.30**, adapting to new version features and fixing known security vulnerabilities
- Support for the geo2 geographic location module
- Added a migration tool that supports migrating Nginx configurations, static assets, and SSL certificates

#### 2.2.2 Console

- Comprehensive optimization of the Console interaction design and operation logic
- Support for the Classified Protection 2.0 three-admin permission model, with configurable user security policies and user/role/permission management
- New web-based visual site management, supporting the creation of HTTP/TCP proxy sites and the upload of static assets published as static sites
- Improved configuration management with new light/dark themes, syntax highlighting, auto-completion, and hints; also supports full backup and restore of configurations and files
- Comprehensive optimization of the HA configuration creation flow, with a new HA configuration sync feature that allows the primary node to quickly sync configurations to the standby node
- New third-party module management that supports uploading third-party modules, enabling/disabling modules, and viewing module details

- Certificate management supports uploading GM SSL certificates, automatically binding uploaded certificates to existing sites, and automatically generating test certificates
- Comprehensive optimization of log management, supporting scheduled log file rotation and backup by configuration, as well as downloading backed-up log files
- New ALB license information view in System Info, with license update support, and smooth upgrade and rollback of both the ALB proxy kernel and the Console
- New AI Agent CLI and SKILL features, supporting status query, site creation, site online/offline, log viewing, and more

### **2.2.3 High Availability**

- Support for unicast mode, addressing issues caused by VRRP being disabled on the network

UNIFIED SERVICE HOTLINE

4008-555-800

Kingdee Apusic Cloud Computing Co., Ltd. (referred to as “Kingdee Apusic” ) was founded in 2000. Its predecessor was “Kingdee Middleware Company.” It is a basic software platform provider under Kingdee Group, a national standards-setting enterprise for cloud computing, and a core software enterprise in the national IT application innovation industry. Kingdee Apusic is an enterprise undertaking the National 863 Key R&D Program and the National Major Science and Technology Project for Core Electronic Components, High-end General-purpose Chips and Fundamental Software, and is also a basic platform provider for the national key projects of “Two Networks, One Website, Four Databases, and Twelve Golden Projects.” Its products are widely used in key industries such as government, military, finance, and energy, and it has cumulatively served more than 100,000 customers.



National standard setter for cloud computing  
Basic software enterprise under Kingdee Group  
Core enterprise for IT application innovation  
Website: [www.apusic.com](http://www.apusic.com)

