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Release Notes

金蝶Apusic分布式缓存 V2.0.4

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1 Preface

This document provides the release notes for Apusic In-Memory Data Cache (AMDC) V2.0.4, helping users quickly understand the content of version updates.

1.1 Target Audience

This document is intended for R&D managers, technical architects, R&D engineers, middleware operations technicians, and anyone interested in AMDC products.

1.2 Related Documentation

For more information about AMDC V2.0.4, please refer to the following AMDC V2.0.4 product manual documentation set:

No.	Document	Description
1	Apusic In-Memory Data Cache V2.0.4 Quick Start Guide	A brief introduction on how to quickly get started with AMDC.
2	Apusic In-Memory Data Cache V2.0.4 Installation Guide	Detailed introduction on how to install AMDC on various operating systems, AMDC service start/stop operations, and product registration process.
3	Apusic In-Memory Data Cache V2.0.4 Core User Manual	A brief introduction on how to quickly get started with AMDC.
4	Apusic In-Memory Data Cache V2.0.4 Console User Manual	Detailed instructions on using and operating AMDC console features.
5	Apusic In-Memory Data Cache V2.0.4 Development Guide	Detailed instructions for developing AMDC client applications using various programming languages.
6	Apusic In-Memory Data Cache V2.0.4 Migration Guide	Detailed instructions for migrating AMDC from historical versions to V2.0.4, as well as migrating from Redis to AMDC.
7	Apusic In-Memory Data Cache V2.0.4 Operations Guide	Detailed instructions for AMDC monitoring, operations, security hardening, and other operational procedures.

8	Apusic In-Memory Data Cache V2.0.4 Performance Tuning Guide	Detailed instructions for AMDC monitoring, operations, security hardening, and other operational procedures.
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1.3 Technical Support

AMDC products provide comprehensive technical support services. You can obtain technical support through the following channels:

- Website: www.apusic.com
- Phone: 400-855-5800
- Email: 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. Company information and contact details
3. Operating system and version
4. Product version number
5. Detailed information including logs, screenshots, etc. of any exceptions or errors

2 Release Notes

Apusic In-Memory Data Cache Software (Apusic In-Memory Data Cache, abbreviated as AMDC) V2.0.4 is an enterprise-level high-performance distributed cache middleware that is 100% compatible with Redis protocol and development ecosystem, enabling seamless migration without modifying existing business applications. AMDC features core capabilities including high-performance millisecond-level response, high availability with multi-replica fault tolerance, high scalability with elastic expansion, and refined web-based visual management, providing secure and reliable high-frequency data access support for critical business in high-concurrency and distributed scenarios, reducing database pressure and improving overall system throughput.

2.1 About This Version

AMDC V2.0.4 is compatible with Redis 7.0 AOF functionality, supports hot update of authentication center authorization files, and the Web console provides support for V2.0.3 and V2.0.4 core versions.

2.2 New Features and Enhancements

2.2.1 Cache Core

- Compatible with Redis 7.0 AOF functionality
- Authentication center file hot update functionality
- Fixed Lua script related security vulnerabilities
- Optimized master-slave replication process to prevent abnormal disconnection of replication clients caused by buffer data accumulation

2.2.2 Management Console

- Added V2.0.3 and V2.0.4 core version support
- Added password format setting functionality
- Added deployment service auto-start functionality

2.3 Major Technical Changes

Technical architecture restructuring and upgrade, supporting multi-threaded architecture. Performance metrics in high-concurrency scenarios can reach approximately 200% of Redis 6.x version.

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