



# 使用 BabelFish 加快 SQL Server 数据库现代化

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Amazon Aurora PostgreSQL - BabelFish

# 数据库迁移原因

摆脱传统数据库的束缚



昂贵



专属



隔绝



惩罚性许可



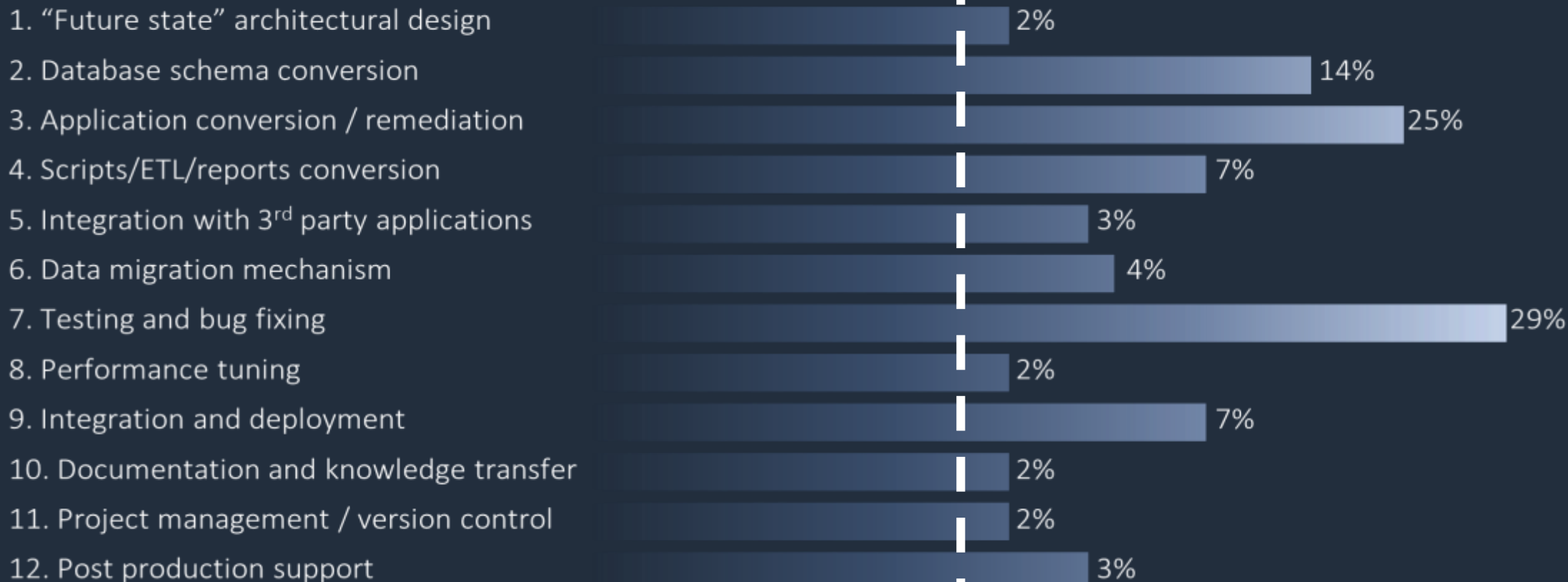
接收邮件

# 典型迁移工作概览



## Steps in migration

## Effort breakdown



# Babelfish for Aurora PostgreSQL 为客户创造价值

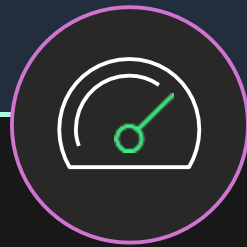
与传统迁移相比，可在极短的时间内将 SQL Server 应用程序迁移到 PostgreSQL

保留现有查询



PostgreSQL 语言扩展使得 Aurora PostgreSQL 能够理解 Microsoft SQL Server 的专属 T-SQL

加快迁移



降低风险，快速完成迁移，为您节省数月至数年的工作量

专注创新



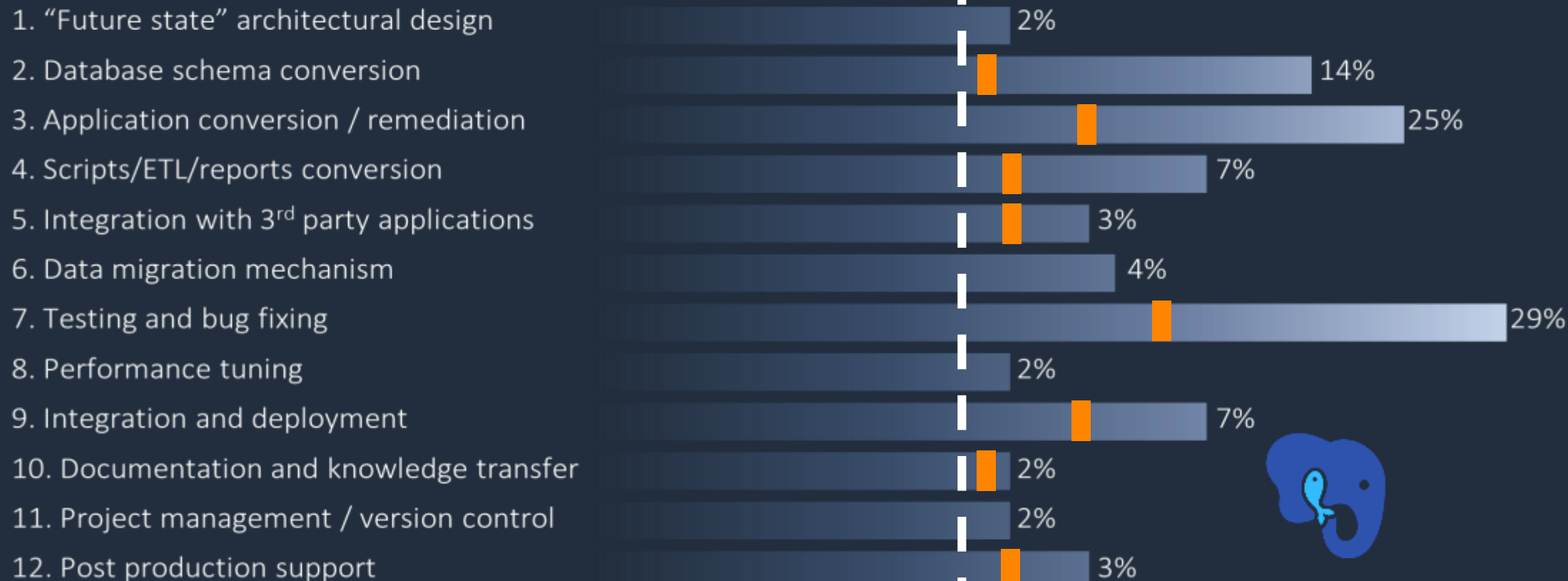
并行运行 T-SQL 代码和新的开源功能，继续使用熟悉的工具进行开发

# Babelfish 帮助降低迁移费用



## Steps in migration

## Effort breakdown



# Babelfish Compass作为迁移评估工具

仅使用 Babelfish Compass 进行迁移评估

- 使用开源工具 Babelfish Compass 确定您的应用程序 / DDL 中哪些部分不受 Babelfish 支持
  - 独立命令行工具
  - [GitHub 下载](#) | [用户指南](#)
  - 定期更新
  - 始终使用最新版

# Compass 评估工具

轻松报告 Babelfish 支持的内容

- 只需一行命令即可创建简单的HTML报告
- 考虑 SQL Profiler 跟踪或应用程序 SQL 跟踪
- 包括重写选项，变通解决许多不受支持的命令
- 无需 Babelfish 集群即可运行评估

命令行示例：

```
./BabelfishCompass.sh MyReport MyApp.sql -rewrite -reportoption xref
```

```
Report for: CompassReport : Generated at 2022-Dec-27 16:39:21
-----

Babelfish Compass version 2022-12, December 2022
Compatibility assessment tool for Babelfish for PostgreSQL
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Notice:
This report contains an assessment based on the resources you scanned with the
Babelfish Compass tool. The information contained in this report, including whether
or not a feature is 'supported' or 'not supported', is made available 'as is',
and may be incomplete, incorrect, and subject to interpretation.
You should not base decisions on the information in this report without independently
validating it against the actual SQL/DDL code on which this report is based.

📖 Babelfish Compass User Guide

--- Report Setup ---
BabelfishFeatures.cfg file : v.2.3.0, Dec-2022
Target Babelfish version   : v.2.3.0
Command line arguments    : CompassReport
Command line input files  : d:\CompassMyApp\MyApp.sql
User .cfg file (overrides) : C:\Users\Administrator\Documents\BabelfishCompass\BabelfishCompassUser.cfg
Report name                : CompassReport
This report                : C:\Users\Administrator\Documents\BabelfishCompass\CompassReport\report-Com
Session log                : log\session-log-CompassReport-bbf.2.3.0-2022-Dec-27-16.39.15.html
=====

--- Executive Summary for Babelfish v.2.3.0 ---
-----
Total #lines of SQL/DDL: 15253
#Procedures/functions/triggers/views: 104   #Tables: 317

SQL features not supported by Babelfish      : 16
Estimated complexity of not-supported features: medium:12 high:4
```

# 演示 立即使用 BabelFish

# 了解详情

- Amazon 数据库博客

<https://aws.amazon.com/blogs/database/category/database/amazon-aurora/babelfish-for-aurora-postgresql/>

- 开源网址

<https://babelfishpg.org/> 和 <https://github.com/babelfish-for-postgresql>

- Amazon 的YouTube 频道

<https://www.youtube.com/playlist?list=PLhr1KZpdzukf3A1hxxlwMdDD-0WTWJR-v>



# 谢谢

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