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使用自治数据管理 提升你的数据的价值

Your data is worth more with Autonomous Data Management

告别乏味的工作，自治数据库为你助力

No more boring work, Autonomous Database is here for you

Andrew Holdsworth

Oracle Real-World Performance

November 17, 2017



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REAL-WORLD PERFORMANCE

为什么要用自治数据库

Why Autonomous Database

不再需要手动打补丁

No need of patching manually any more



为什么要用自治数据库

Why Autonomous Database

不再需要手动备份

No need of backup manually any more



为什么要用自治数据库

Why Autonomous Database

不再需要自己考虑高可用的问题

No need of considering HA by yourself any more



通往自治数据库之路

Journey to Autonomous Database

- 几十年来，Oracle一直致力于开发精密的数据库自动化产品

Oracle has been developing sophisticated database automation for decades



通往自治数据库之路

Journey to Autonomous Database

Oracle Database 9i, 10g

- Automatic Storage Management (ASM)
- Automatic Memory Management
- Automatic DB Diagnostic Monitor (ADDM)
- Automatic Workload Repository (AWR)
- Automatic Undo tablespaces
- Automatic Segment Space Management
- Automatic Statistics Gathering
- Automatic Standby Management (Broker)
- Automatic Query Rewrite

Oracle Database 11g, 12c

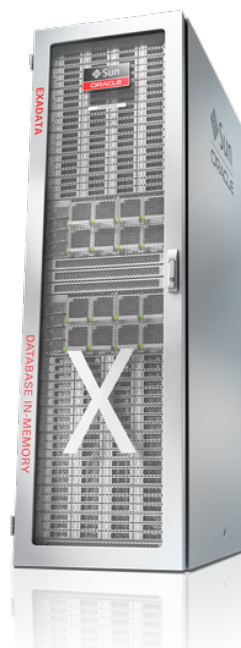
- Automatic SQL Tuning
- Automatic Workload Replay
- Automatic Capture of SQL Monitor
- Automatic Data Optimization
- Automatic Storage Indexes
- Automatic Columnar Cache
- Automatic Diagnostic Framework
- Automatic Refresh of Database Cloning
- Autonomous Health Framework

通往自治数据库之路——大道至简

Journey to Autonomous Database

- 减少可变因素，提升成功机会，将时间花在刀刃上

Less variables, increase your chance of success, spend time on things make a difference





“尽可能使用**缺省**设置，问题不在如何设置，而在你怎么写SQL上！”

Use **default** settings as much as possible, the problem is not on the settings, it's all about the SQL.

– Andrew Holdsworth, VP RWP, Oracle

你的工作可以更有趣！

Your work can be **FUN!**



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Integrated Cloud

Applications & Platform Services

ORACLE®