



How to help financial customers use Tencent Cloud MariaDB

For MariaDB 2020 Fest

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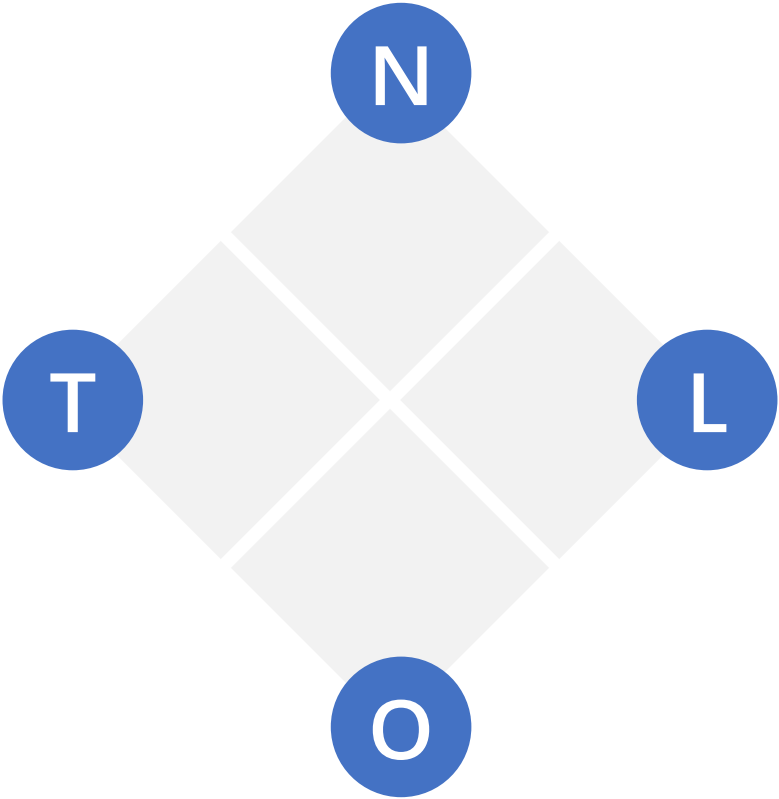
Why we choose MariaDB

New Features

Threads pool ,
DDL WAIT and NOWAIT ,CETS, S3 ...

More Engines

MyRocks
ColumnStore



license

LGPL, potential risk

Open

decisions can be reviewed and debated

User's Requirement

Security

Scale out / update

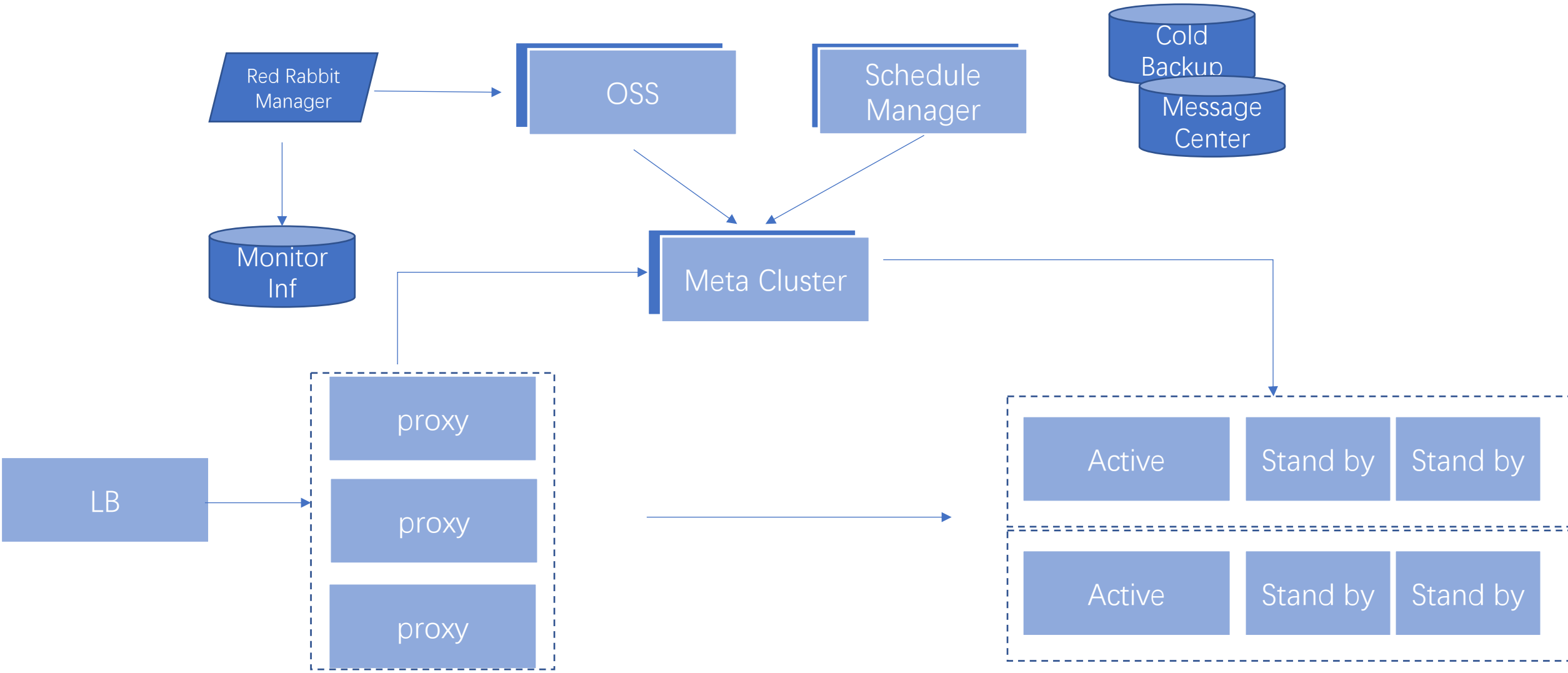
Fully replication

High Availability 99.99%>

Window function, Multi source sync , CETS

...

Architecture



Security



PCI DSS

MTCS T3



MTCS T3

Before

- Transmission encryption data authentication

.....

When

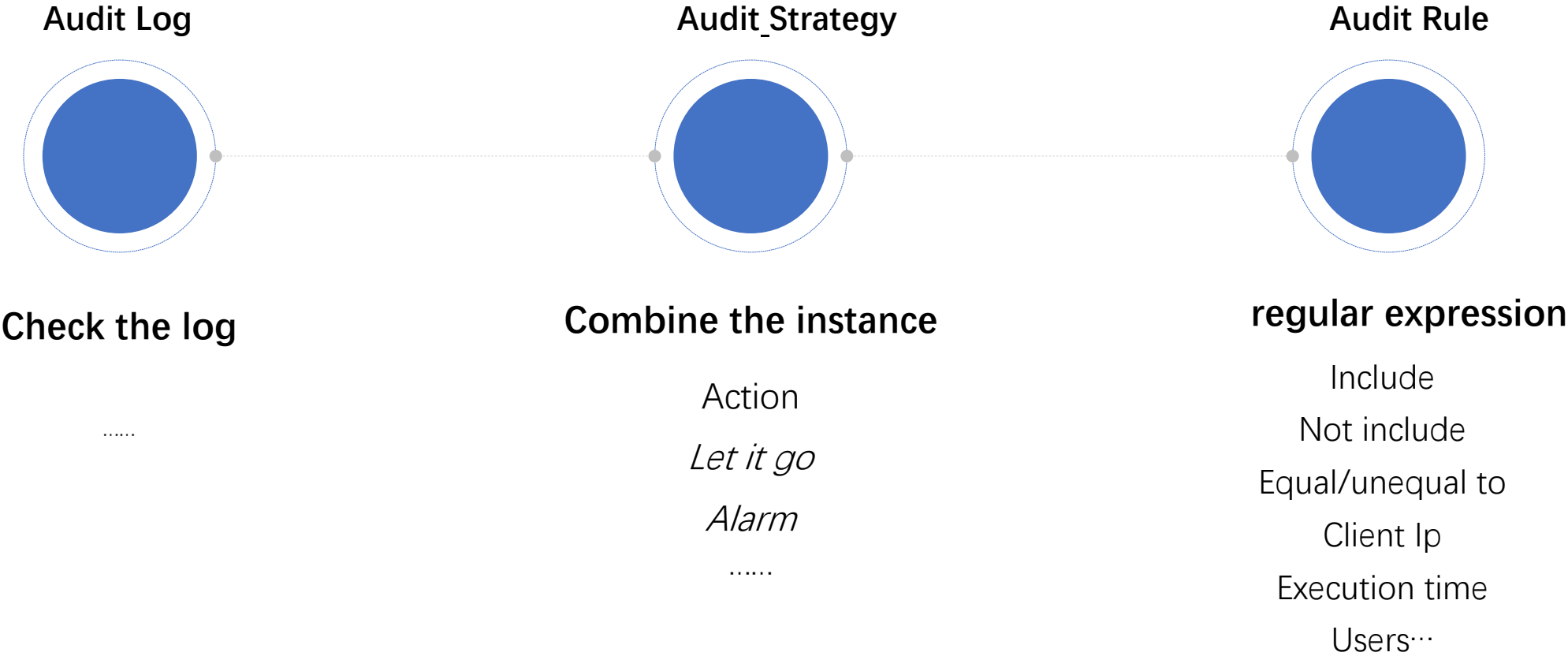
- Kernel-level security policy
- SQL firewall
- Mis-operation prevention

After

- Operation and maintenance audit
- Database audit
- Server audit
- Super access control

National standard
Industry Certification

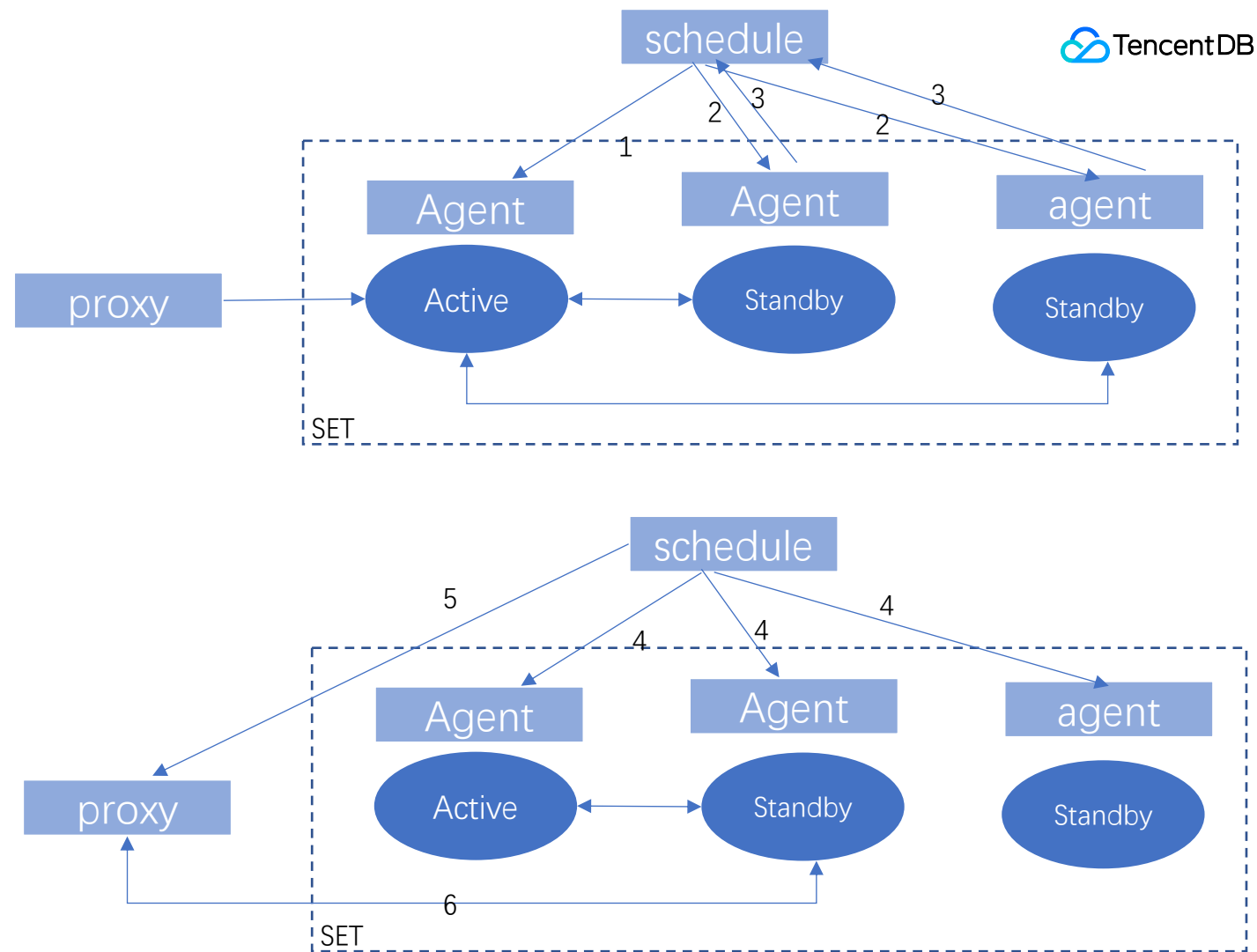
Audit



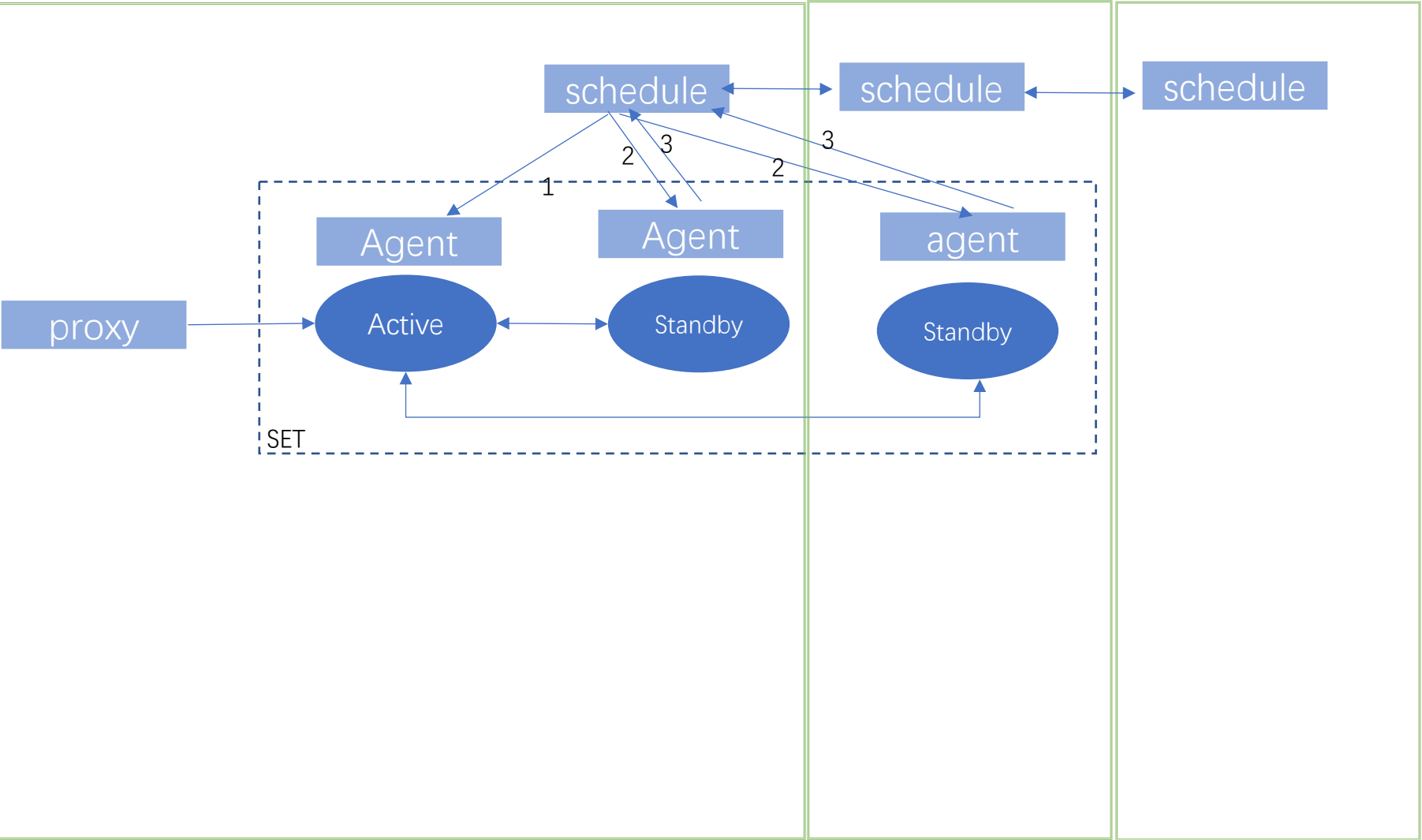
High Availability 1

The entire switching process is fully automatic without human intervention

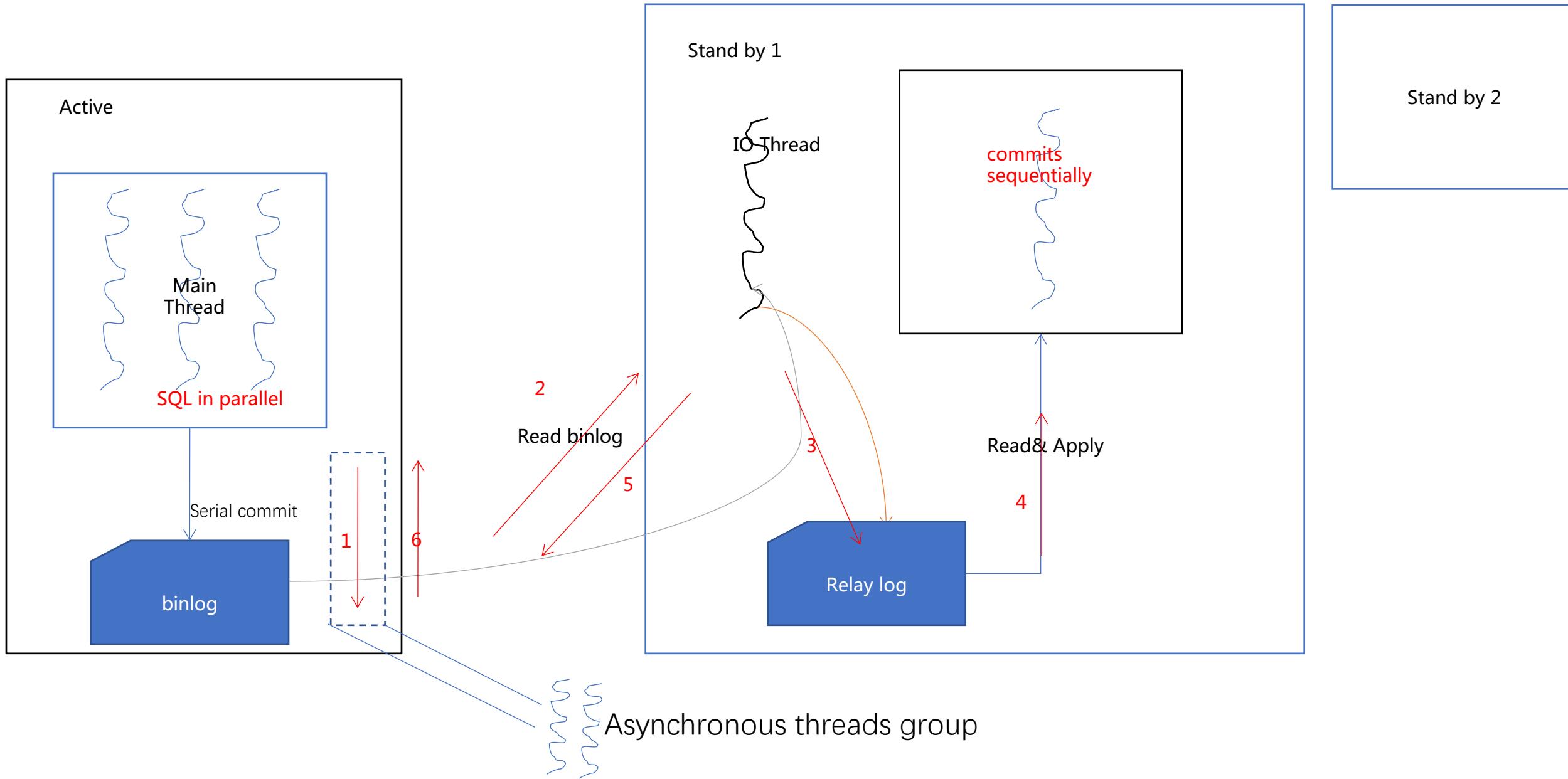
Strict handover process to ensure the data consistency



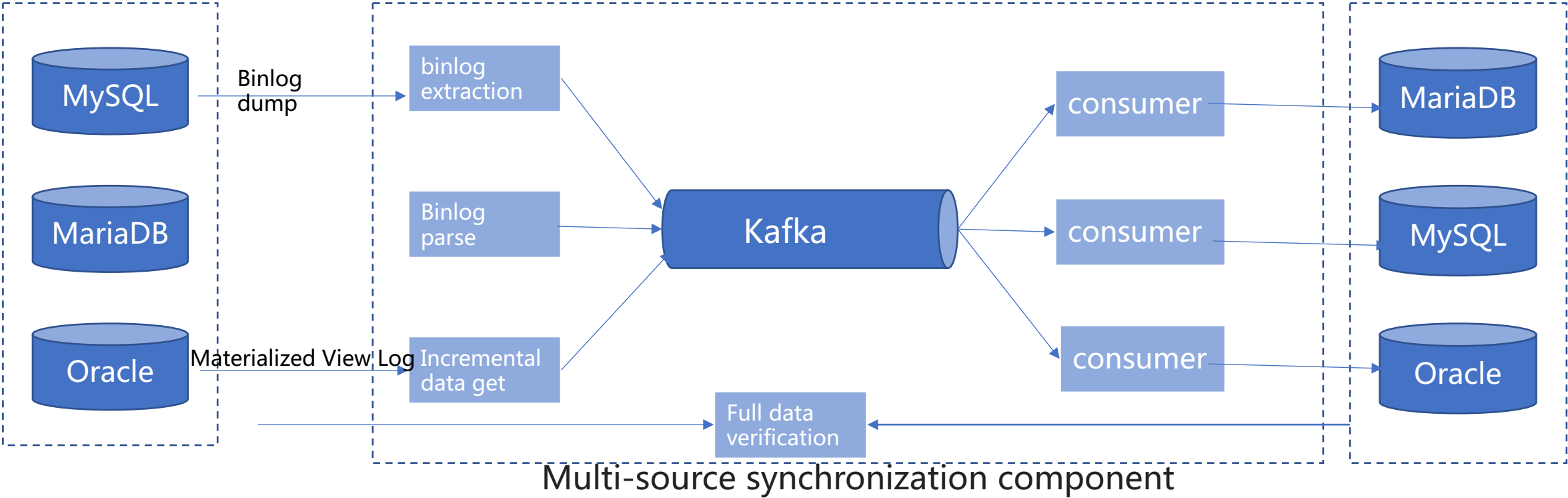
Multi data center
solve split-brain
problem



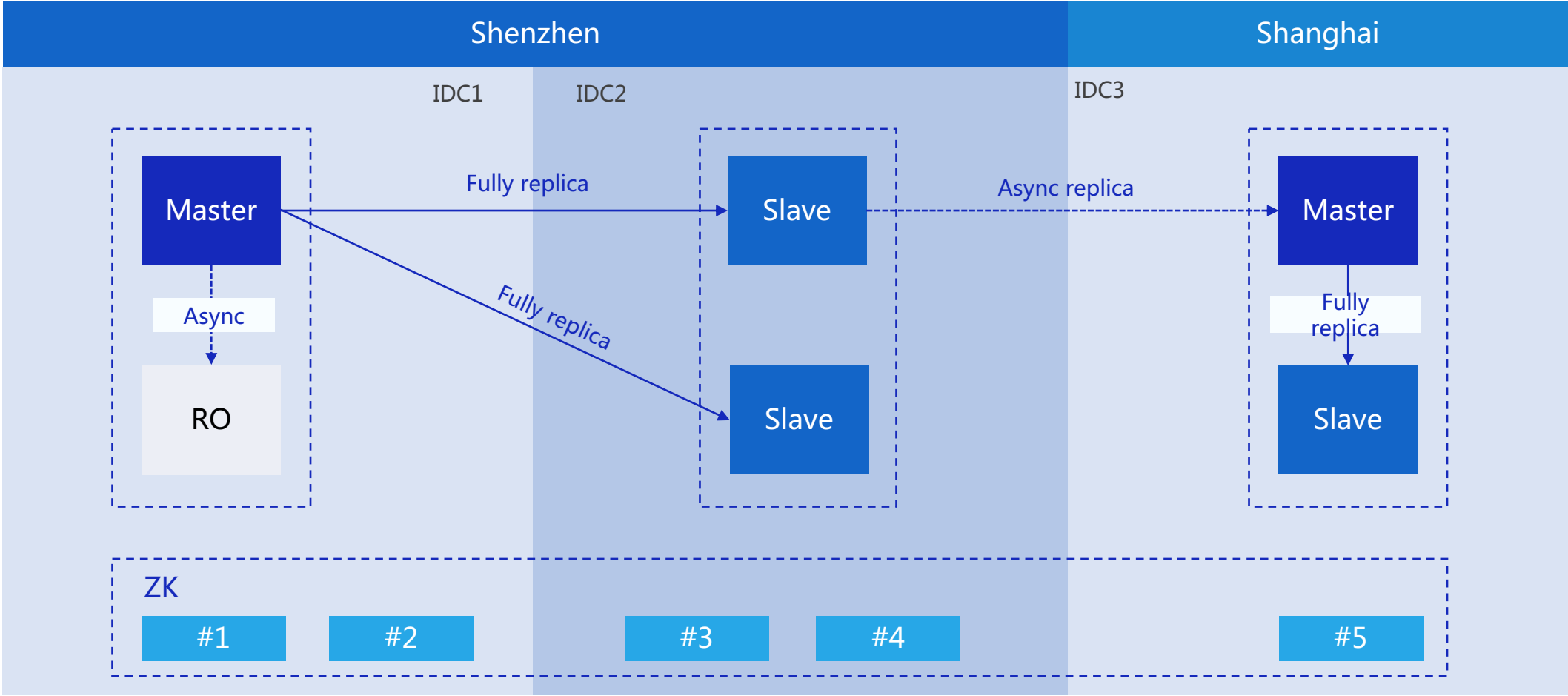
Fully replication



Multi source synchronize



monitor	prevention	analysis	Alarm	Rapid positioning	Emergency response	optimization
<ul style="list-style-type: none">70+ itemsMulti dimensional monitoringFine-grained Monitorlarge screen	<ul style="list-style-type: none">SQL auditExecution plan and data reviewHealth protectionRegular inspection	<ul style="list-style-type: none">Performance bottleneckPerformance trendCapacity predictionSecurity threat	<ul style="list-style-type: none">Availability statusPerformance baselinecustomizeOther anomaly	<ul style="list-style-type: none">Abnormal diagnosisReal-time analysis and positioningOne-click analysisScene analysis	<ul style="list-style-type: none">Traffic restrictionsQuick upgradeOne-click kill	<ul style="list-style-type: none">One-click optimizationAutomatic tuningExpert advice



THANK YOU!

