

- HA Datasource** ..... 3
- MySQL** ..... 3
  - Configuring Server Failover ..... 3
  - Configuring Server Load Balancing ..... 3
- Oracle** ..... 3
- WAS** ..... 4



# HA Datasource

HA Datasource      datasource    url    Master-Slave

## MySQL

- <https://dev.mysql.com/doc/connector-j/8.0/en/connector-j-multi-host-connections.html>

### Configuring Server Failover

```
jdbc:mysql://[primary host][:port],[secondary host 1][:port][,[secondary host 2][:port]]...[/[database]][?propertyName1=propertyValue1[&propertyName2=propertyValue2]...]
```

가

```
jdbc:mysql://myhost1:1111,myhost2:2222/db
jdbc:mysql://address=(host=myhost1)(port=1111)(key1=value1),address=(host=myhost2)(port=2222)(key2=value2)/db
jdbc:mysql://(host=myhost1,port=1111,key1=value1),(host=myhost2,port=2222,key2=value2)/db
jdbc:mysql://myhost1:1111,(host=myhost2,port=2222,key2=value2)/db
mysqlx://(address=host1:1111,priority=1,key1=value1),(address=host2:2222,priority=2,key2=value2)/db
```

- [URL](#)

### Configuring Server Load Balancing

```
jdbc:mysql:loadbalance://[host1][:port],[host2][:port][,[host3][:port]]...[/[database]]
[?propertyName1=propertyValue1[&propertyName2=propertyValue2]...]
```

## Oracle

- <https://docs.oracle.com/en/database/oracle/oracle-database/19/development.html>

Oracle DB      RAC      Failover, Load Balancing  
                   RAC가      WAS

```
jdbc:oracle:thin:@(DESCRIPTION=
  (LOAD_BALANCE=on)
  (ADDRESS=(PROTOCOL=TCP) (HOST=host1) (PORT=1521))
  (ADDRESS=(PROTOCOL=TCP) (HOST=host2) (PORT=1521))
  (CONNECT_DATA=(SERVICE_NAME=service_name))
)
```

## WAS

JBoss Datasource connection-url url-delimiter url-  
selector-strategy-class-name .



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Last update: **2019/06/14 08:10**

