

VIP

虚拟IP

思路

- * 故障发生的开始时间
- * 故障发生的频率
- * 故障发生前有什么改动
- * 故障发生后做过什么

思路

- * 检查 alert<SID>.log
- * 检查操作系统日志
 - AIX: errpt
 - Linux: dmesg
- * 收集 log
 - CRS: \$ORA_CRS_HOME/bin/diagcollection.pl -collect
- * 生成 AWR Differences Report
 - SQL> @?/rdbms/admin/awrddrpt.sql

Diagnosability for VIP

- * Enable debug trace for VIP
 - `su - root`
 - `crsctl debug log resource <vip resource name>:1`
- * disable debug trace for VIP
 - `crsctl debug log resource <vip resource name>:0`
- * VIP and Default Gateway Issue
 - * Slow response from default G/W will cause VIP going offline -> listener offline
 - * Ping default G/W every 30s
- * How to modify the default G/W address used by the Oracle 10g VIP
 - * Metalink Note [ID 298895.1]

VIP and Default G/W

- * \$ORA_CRS_HOME/bin/racgvip
 - * 如果没有默认网关则不启动VIP
- * \$ORA_CRS_HOME/bin/racgvip
 - FAIL_WHEN_DEFAULTGW_NO_FOUND=1
- * \$ORA_CRS_HOME/bin/racgvip
 - ERROR:
Could not find a suitable set of interfaces for VIPs.
Result: Node connectivity check **failed**.

VIP failover Issue

- * VIP Failover Take Long Time After Network Cable Pulled
 - * TCP timeout defaults to 180000 (3 minutes)
 - * IPC protocol should be the first address in listener.ora
 - * Metalink note [ID 403743.1]

Change VIP

- * Stop database instances and nodeapps
- * Delete original interface
- * Add new modified interface
- * Modify nodeapps