

?? Oracle DB Server

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- Nagios Server ?????? Oracle Client

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1. ?? Nagios Server ?????? Oracle DB Server ?? SSH ??????
2. ?? plugin check_remote_oracle

?? SSH ????

???? [SSH ?????\(?????\)?](#)

Plugin check_remote_oracle

????? check_remote_oracle ? Nagios ?????? /usr/lib64/nagios/plugins/?

chmod 0755 /usr/lib64/nagios/plugins/check_remote_oracle

?? DB ??

```
# su - nagios -c "/usr/lib64/nagios/plugins/check_remote_oracle -H oracle_server.mycompany.com --tns
ORCL"
```

OK - reply time 0 msec from ORCL

```
# su - nagios -c "/usr/lib64/nagios/plugins/check_remote_oracle -H oracle_server.mycompany.com --db
ORCL"
```

ORCL OK - 1 PMON process(es) running

```
# su - nagios -c "/usr/lib64/nagios/plugins/check_remote_oracle -H oracle_server.mycompany.com
--cache ORCL 90 95"
```

ORCL OK - Cache Hit Rates: 99.86% Lib -- 99.49% Buff[lib=99.86%;95;90;0;100 buffer=99.49%;95;90;0;100

```
# su - nagios -c "/usr/lib64/nagios/plugins/check_remote_oracle -H oracle_server.mycompany.com
--tablespace ORCL SYSTEM 95 90"
```

ORCL : SYSTEM CRITICAL - 97.60% used [22 / 900 MB available]|SYSTEM=97.60%;90;95;0;100

NOTE:

* plugin ??????????????????????

* ORCL ? Oracle SID ????????

?? Nagios

?? commands.cfg

Check Oracle

```
define command{
    command_name    check_ora_tns
    command_line    $USER1$/check_remote_oracle -H $HOSTADDRESS$ --tns $ARG1$
}
```

```
define command{
    command_name    check_ora_db
    command_line    $USER1$/check_remote_oracle -H $HOSTADDRESS$ --db $ARG1$
}
```

NOTE:

\$USER1\$??????? check_remote_oracle ????????????? resource.cfg

?? server.cfg

Host

```
define host{
    use                generic-host        ; Name of host template to use
    host_name          fdc_db01
    alias              ODD DB Server(Oracle)
    address            192.168.200.230
    check_command      check-host-alive
    max_check_attempts 10
    check_period       24x7
    notification_interval 120
    notification_period 24x7
    notification_options d,r
    contact_groups     adm-alang
    notifications_enabled 1 ;0=disable, 1=enable
    process_perf_data  0
}
```

Service

```
define service{
    use                generic-service
    host_name          fdc_db01
    service_description Oracle-TNS-oddfdc
    contact_groups     adm-alang
    notifications_enabled 1
    check_command      check_ora_tns!oddfdc
}
```

```
define service{
  use          generic-service
  host_name    fdc_db01
  service_description  Oracle-DB-oddfdc
  contact_groups    adm-alang
  notifications_enabled  1
  check_command    check_ora_db!oddfdc
}
```

NOTE:

oddfdc ?????? Oracle SID???????

FAQ

Q: ??: Cannot determine ORACLE_HOME for sid oddmes

A: Oracle DB ???? /etc/oratab???????????

```
# $ORACLE_SID:$ORACLE_HOME:<N|Y>
oddmes:/opt/oracle/product/10.2.0/db_1:N
```

Q: ??: No TNS Listener on oddmes

?? check_remote_oracle -H 123.123.123.123 --tns oddmes ????

A:

1. ? Oracle DB ?????

```
su - oracle
tnsping <my-sid>
```

2. Oracle DB ???? \$ORACLE_HOME/network/admin/tnsnames.ora??????????????????

```
ODDMES =
(DESCRIPTION =
  (ADDRESS = (PROTOCOL = TCP)(HOST = tycoddovm-db02.my.domain)(PORT = 1521))
  (CONNECT_DATA =
    (SERVER = DEDICATED)
    (SERVICE_NAME = oddmes)
  )
)
```