

How to add a database, instance or service to CTLFILE2

1. Edit CTLFILE2

In this document the dashboard is assumed to be in the default directory **C:\DIS**. Open the file **C:\DIS\DB\DASH\DB_dash\run\ctl\CTLFILE2_databases.ctl**.

1.1 To add a non-RAC database

Copy a line for an existing database that is similar to the one you will add. Set these flags:

PROPERTIES=Y; – tells batch job to fetch results from this database for Panel_06_compare
TABLESPACES=Y; – tells batch job to fetch results from this database for Panel_07_tablespace
USERS=Y; – tells batch job to fetch results from this database for Panel_08_users

Set **CONNECT** to *host:port/service*. Don't forget to change the # columns for the new database. You can use the **COLUMN_WIDTHS** line to adjust the column widths. If you increase a column by **n** subtract **n** from another one to keep the total the same. Otherwise the dashboard may display a warning that it has had to adjust the column widths to fit the size of the dashboard. If **RESTRICT=Y** then the dashboard will ask for the password before you can run queries. You might want this when the database contains sensitive data.

1.2 To add a RAC database, RAC instance or RAC service

RAC databases have an instance on every node (machine) in the cluster. Therefore CTLFILE2 should contain a line for every node so you can see when a node is down. Typical settings for a RAC database:

node-1: PROPERTIES=Y; TABLESPACES=Y; USERS=Y;
node-2: PROPERTIES=Y; TABLESPACES=N; USERS=N;
node-3: PROPERTIES=Y; TABLESPACES=N; USERS=N;

Only one node needs to fetch the **TABLESPACES** and **USERS** statistics because these do not vary by node. But every node has **PROPERTIES=Y** because some database properties vary by node.

For completeness you might add a line for a service that connects applications to the database:

node-1: PROPERTIES=Y; TABLESPACES=N; USERS=N;
node-2: PROPERTIES=Y; TABLESPACES=N; USERS=N;
node-3: PROPERTIES=Y; TABLESPACES=N; USERS=N;
service-1: PROPERTIES=N; TABLESPACES=Y; USERS=Y;

Notice that the **service-1** connection has **TABLESPACES=Y** and **USERS=Y** instead of node-1 because it is a generic connection so it is more reliable than connecting to a node. If there are other services for the same database you might want to add service-2, service-3... but set their three flags to N.

2. Create *dbpanel* schema in target databases (if you want statistics)

If you are adding a RAC node or service to an existing database the schema already exists so there is nothing to do. Otherwise run **C:\DIS\DB\DB_load\run\bin\create_monitoring_objects.servers.TARGETS.cmd**

The job uses the **TABLESPACES** flag to know if you want to create the schema in that database. If no **TABLESPACES** flag is set to Y then it will not create the schema.

There is no need to drop or create the schema on any node except the one you are adding so just hit Enter [**n**] for each instance until it gets to the new one, then reply **y** :

Are you sure you want to create schema ... in target database <name>? [n] **y**

At the end it displays the messages found in the log files. It does this even when there are no errors.

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