3 On-demand Analysis and Diagnostic Collection

Run Oracle Trace File Analyzer on demand using `tfactl` command-line tool.

- Collecting Diagnostics and Analyzing Logs On-Demand
  The `tfactl` command can use a combination of different database command tools when it performs analysis.
- Viewing System and Cluster Summary
  The summary command gives you a real-time report of system and cluster status.
- Investigating Logs for Errors
  Use Oracle Trace File Analyzer to analyze all your logs across your cluster to identify recent errors.
- Analyzing Logs Using the Included Tools
  Oracle Database support tools bundle is available only when you download Oracle Trace File Analyzer from My Oracle Support note 1513912.1.
- Searching Oracle Trace File Analyzer Metadata
  You can search all metadata stored in the Oracle Trace File Analyzer index using `tfactl search -showdatatypes|-json [json_details]`.
- Collecting Diagnostic Data and Using One Command Service Request Data Collections
- Uploading Collections to Oracle Support
  To enable collection uploads, configure Oracle Trace File Analyzer with your My Oracle Support user name and password.

- Changing Oracle Grid Infrastructure Trace Levels
  Enabling trace levels enables you to collect enough diagnostics to diagnose the cause of the problem.

3.1 Collecting Diagnostics and Analyzing Logs On-Demand

The `tfactl` command can use a combination of different database command tools when it performs analysis.

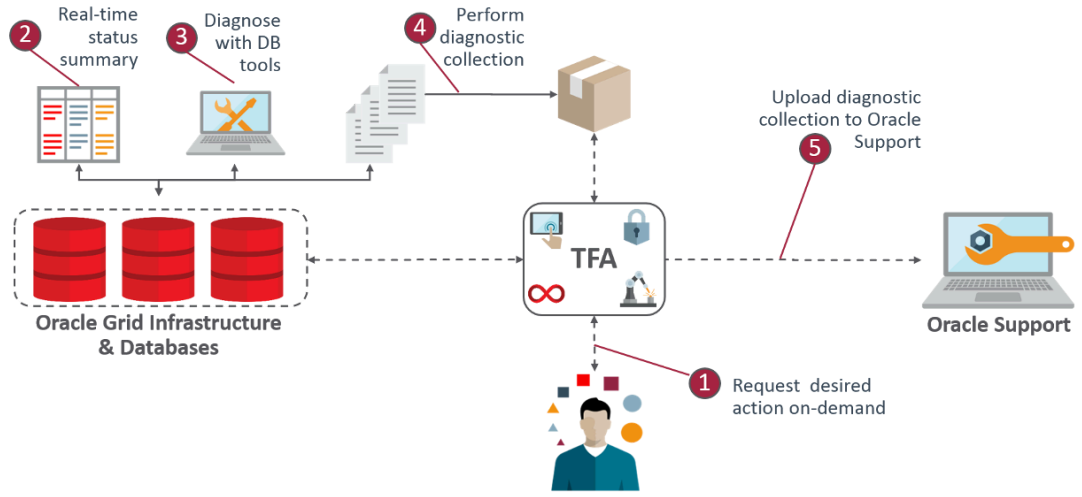
The `tfactl` command enables you to access all tools using common syntax. Using common syntax hides the complexity of the syntax differences between the tools.

Use the Oracle Trace File Analyzer tools to perform analysis and resolve problems. If you need more help, then use the `tfactl` command to collect diagnostics for Oracle Support.

Oracle Trace File Analyzer does the following:

- Collects all relevant log data from a time of your choosing.
- Trims log files around the time, collecting only what is necessary for diagnosis.
- Packages all diagnostics on the node where `tfactl` was run from.

Figure 3-1 On-Demand Collections



Description of "Figure 3-1 On-Demand Collections"

Parent topic: On-demand Analysis and Diagnostic Collection

3.2 Viewing System and Cluster Summary

The summary command gives you a real-time report of system and cluster status.

Syntax

```
tfactl summary [options]
```

For more help use:

```
tfactl summary -help
```

Copy

Parent topic: On-demand Analysis and Diagnostic Collection

3.3 Investigating Logs for Errors

Use Oracle Trace File Analyzer to analyze all your logs across your cluster to identify recent errors.

1. To find all errors in the last one day:

   ```
   $ tfactl analyze -last 1d
   ```

   Copy

2. To find all errors over a specified duration:

   ```
   $ tfactl analyze -last 18h
   ```

   Copy

3. To find all occurrences of a specific error on any node, for example, to report `ORA-00600` errors:

   ```
   $ tfactl analyze -search "ora-00600" -last 8h
   ```

   Copy

Example 3-1 Analyzing logs

```
tfactl analyze -last 14d
```

Copy

```
Jun/02/2016 11:44:39 to Jun/16/2016 11:44:39 tfactl> analyze -last 14
INFO: analyzing all (Alert and Unix System Logs) logs for the last 20
INFO: analyzing host: myserver69

                      Report title: Analysis of Alert,System Logs
                  Report date range: last ~14 day(s)
          Report (default) time zone: EST - Eastern Standard Time
                 Analysis started at: 16-Jun-2016 02:45:02 PM EDT
               Elapsed analysis time: 0 second(s).
                  Configuration file:
/u01/app/tfa/myserver69/tfa_home/ext/tnt/conf/tnt.prop
                 Configuration group: all
                 Total message count:            957, from 02-May-201
09:04:07 PM EDT to 16-Jun-2016 12:45:41 PM EDT
   Messages matching last ~14 day(s):            225, from 03-Jun-201
02:17:32 PM EDT to 16-Jun-2016 12:45:41 PM EDT
         last ~14 day(s) error count:              2, from 09-Jun-201
09:56:47 AM EDT to 09-Jun-2016 09:56:58 AM EDT last ~14 day(s) ignore
  last ~14 day(s) unique error count: 2

Message types for last ~14 day(s)
    Occurrences percent  server name          type
    ----------- -------  -------------------- -----
            223   99.1%  myserver69           generic
              2    0.9%  myserver69           ERROR
    ----------- -------
            225  100.0%

Unique error messages for last ~14 day(s)
    Occurrences percent  server name          error
    ----------- -------  -------------------- -----
              1   50.0%  myserver69           Errors in file
/u01/app/racusr/diag/rdbms/rdb11204/RDB112041/trace/RDB112041_ora_254
(incident=6398):
                                             ORA-07445: exception
encountered: core dump [] [] [] [] [] []
                                             Incident details in:
/u01/app/racusr/diag/rdbms/rdb11204/RDB112041/incident/incdir_6398/RD

                                             Use ADRCI or Support Wo
                                             See Note 411.1 at My Or


              1   50.0%  myserver69           Errors in file
```

```
/u01/app/racusr/diag/rdbms/rdb11204/RDB112041/trace/RDB112041_ora_253
(incident=6394):
                                                ORA-00700: soft interna
                                                Incident details in:
/u01/app/racusr/diag/rdbms/rdb11204/RDB112041/incident/incdir_6394/RD

                                                Errors in file /u01/app
(incident=6395):
                                                ORA-00600: internal err
                                                Incident details in:
/u01/app/racusr/diag/rdbms/rdb11204/RDB112041/incident/incdir_6395/RD

                                                Dumping diagnostic data
                                                Use ADRCI or Support Wo
                                                See Note 411.1 at My Or


    ----------- -------
              2  100.0%
 See Change Which Directories Get Collected for more details.
```

Related Topics

- tfactl summary
- tfactl analyze

Parent topic: On-demand Analysis and Diagnostic Collection

3.4 Analyzing Logs Using the Included Tools

Oracle Database support tools bundle is available only when you download Oracle Trace File Analyzer from My Oracle Support note 1513912.1.

Oracle Trace File Analyzer with Oracle Database support tools bundle includes the following tools:

Table 3-1 Tools included in Linux and UNIX

Tool	Description
`orachk` or `exachk`	Provides health checks for the Oracle stack. Oracle Trace File Analyzer installs either Oracle EXAchk for engineered systems or Oracle ORAchk

Tool	Description
	for all non-engineered systems. For more information, see My Oracle Support notes 1070954.1 and 1268927.2.
`oswatcher`	Collects and archives operating system metrics. These metrics are useful for instance or node evictions and performance Issues. For more information, see My Oracle Support note 301137.1.
`procwatcher`	Automates and captures database performance diagnostics and session level hang information. For more information, see My Oracle Support note 459694.1.
`oratop`	Provides near real-time database monitoring. For more information, see My Oracle Support note 1500864.1.
`alertsummary`	Provides summary of events for one or more database or ASM alert files from all nodes.
`ls`	Lists all files Oracle Trace File Analyzer knows about for a given file name pattern across all nodes.
`pstack`	Generates the process stack for the specified processes across all nodes.
`grep`	Searches for a given string in the alert or trace files with a specified database.
`summary`	Provides high-level summary of the configuration.
`vi`	Opens alert or trace files for viewing a given database and file name pattern in the `vi` editor.
`tail`	Runs a tail on an alert or trace files for a given database and file name pattern.
`param`	Shows all database and operating system parameters that match a specified pattern.
`dbglevel`	Sets and unsets multiple CRS trace levels with one command.

Tool	Description
history	Shows the shell history for the tfactl shell.
changes	Reports changes in the system setup over a given time period. The report includes database parameters, operating system parameters, and the patches applied.
calog	Reports major events from the cluster event log.
events	Reports warnings and errors seen in the logs.
managelogs	Shows disk space usage and purges ADR log and trace files.
ps	Finds processes.
triage	Summarizes oswatcher or exawatcher data.

Table 3-2 Tools included in Microsoft Windows

Tool	Description
calog	Reports major events from the cluster event log.
changes	Reports changes in the system setup over a given time period. The report includes database parameters, operating system parameters, and patches applied.
dir	Lists all files Oracle Trace File Analyzer knows about for a given file name pattern across all nodes.
events	Reports warnings and errors seen in the logs.
findstr	Searches for a given string in the alert or trace files with a specified database.
history	Shows the shell history for the tfactl shell.
managelogs	Shows disk space usage and purges ADR log and trace files.
notepad	Opens alert or trace files for viewing a given database and file name pattern in the notepad editor.

Tool	Description
`param`	Shows all database and operating system parameters that match a specified pattern.
`summary`	Provides high-level summary of the configuration.
`tasklist`	Finds processes.

To verify which tools you have installed:

```
$ tfactl toolstatus
```

Copy

You can run each tool using `tfactl` either in command line or shell mode.

To run a tool from the command line:

```
$ tfactl run tool
```

Copy

The following example shows how to use `tfactl` in shell mode. Running the command starts `tfactl`, connects to the database *MyDB*, and then runs `oratop`:

```
$ tfactl
tfactl > database MyDB
MyDB tfactl > oratop
```

Copy

Related Topics

- https://support.oracle.com/rs?type=doc&id=1513912.1
- https://support.oracle.com/rs?type=doc&id=1070954.1
- https://support.oracle.com/rs?type=doc&id=1268927.2
- https://support.oracle.com/rs?type=doc&id=301137.1
- https://support.oracle.com/rs?type=doc&id=459694.1
- https://support.oracle.com/rs?type=doc&id=1500864.1

- https://support.oracle.com/rs?type=doc&id=215187.1

Parent topic: On-demand Analysis and Diagnostic Collection

3.5 Searching Oracle Trace File Analyzer Metadata

You can search all metadata stored in the Oracle Trace File Analyzer index using `tfactl search -showdatatypes|-json [json_details]`.

You can search for all events for a particular Oracle Database between certain dates, for example,

```
tfactl search -json
'{
  "data_type":"event",
  "content":"oracle",
  "database":"rac11g",
  "from":"01/20/2017 00:00:00",
  "to":"12/20/2018 00:00:00"
 }'
```

Copy

To list all index events: `tfactl search -json '{"data_type":"event"}'`

To list all available datatypes: `tfactl search -showdatatypes`

Parent topic: On-demand Analysis and Diagnostic Collection

3.6 Collecting Diagnostic Data and Using One Command Service Request Data Collections

To perform an on-demand diagnostic collection:

```
$ tfactl diagcollect
```

Copy

Running the command trims and collects all important log files updated in the past 12 hours across the whole cluster. Oracle Trace File Analyzer stores collections in the repository directory. You can change the `diagcollect` timeframe with the `-last n h|d` option.

Oracle Support often asks you to run a Service Request Data Collection (SRDC). The SRDC depends on the type of problem you experienced. It is a series of many data gathering

instructions aimed at diagnosing your problem. Collecting the SRDC manually can be difficult, with many different steps required.

Oracle Trace File Analyzer can run SRDC collections with a single command:

```
$ tfactl diagcollect -srdc srdc_type -sr sr_number
```

Copy

To run SRDCs, use one of the Oracle privileged user accounts:

- `ORACLE_HOME` owner
- `GRID_HOME` owner

Table 3-3 One Command Service Request Data Collections

Type of Problem	Available SRDCs		Collection Scope

ORA Errors	`ORA-00020`
	`ORA-00060`
	`ORA-00600`
	`ORA-00700`
	`ORA-01031`
	`ORA-01555`
	`ORA-01578`
	`ORA-01628`
	`ORA-04030`
		`ORA-04023`
		`ORA-04031`
		`ORA-04063`
		`ORA-07445`
		`ORA-08102`
		`ORA-08103`
		`ORA-27300`
		`ORA-27301`
		`ORA-27302`
		`ORA-29548`
		`ORA-30036`
			Local-only

Database Configuration Assistant problems	`dbstandalonedbca`		Local-only
Oracle Database performance problems	`dbperf`		Cluster-wide

Type of Problem	Available SRDCs	Collection Scope
Datapatch issues	`dbdatapatch`	Local-only
Oracle Text version 12.1.0.1 and later upgrade issues	`dbtextupgrade`	Local-only
Oracle Spatial Installation issues	`dbspatialinstall`	Local-only
Oracle Spatial Export/Import issues	`dbspatialexportimport`	Local-only
Data Pump Import performance problems	`dbimpdpperf`	Local-only
SQL performance problems	`dbsqlperf`	Local-only
Transparent Data Encryption (TDE) problems	`dbtde`	Local-only
Oracle Database resource problems	`dbunixresources`	Local-only
Other internal Oracle Database errors	`internalerror`	Local-only
Oracle Database patching problems	`dbpatchinstall` `dbpatchconflict`	Local-only

Original Oracle Database Export (exp)	`dbexp`
	`dbexpdp`
	`dbexpdpapi`
	`dbexpdpperf`
	`dbexpdptts`
		Local-only

Original Oracle Database Import	`dbimp`	Local-only

Type of Problem	Available SRDCs	Collection Scope
(imp)	`dbimpdp` `dbimpdpperf`	

RMAN	`dbrman`
	`dbrman600`
	`dbrmanperf`
		Local-only

System change number	`dbscn`	Local-only
Oracle GoldenGate	`dbggclassicmode` `dbggintegratedmode`	Local-only

Oracle Database install / upgrade problems	`dbinstall`
	`dbupgrade`
	`dbpreupgrade`
		Local-only

Oracle Database storage problems	`dbasm`	Local-only
Excessive SYSAUX space is used by the Automatic Workload Repository (AWR)	`dbawrspace`	Local-only
Oracle Database startup / shutdown problems	`dbshutdown` `dbstartup`	
XDB Installation or invalid object problems	`dbxdb`	Local-only
Oracle Data Guard problems	`dbdataguard`	Local-only
Alert log messages of `Corrupt block relative dba` problems	`dbblockcorruption`	Local-only

Type of Problem	Available SRDCs	Collection Scope
ASM / DBFS / DNFS / ACFS problems	`dnfs`	Local-only
Create / maintain partitioned / subpartitioned table / index problems	`dbpartition`	Local-only
Slow `Create` / `Alter` / `Drop` commands against partitioned table / index	`dbpartitionperf`	Local-only
SQL performance problems	`dbsqlperf`	Local-only
UNDO corruption problems	`dbundocorruption`	Local-only
Listener errors: `TNS-12516` / `TNS-12518` / `TNS-12519` / `TNS-12520`	`listener_services`	Local-only
Naming service errors: `ORA-12154` / `ORA-12514` / `ORA-12528`	`naming_services`	Local-only
Standard information for Oracle Database auditing	`dbaudit`	Local-only
Enterprise Manager tablespace usage metric problems	`emtbsmetrics`	Local-only (on Enterprise Manager Agent target)

Type of Problem	Available SRDCs	Collection Scope
Enterprise Manager general metrics page or threshold problems	`emmetricalert`	Local-only (on Enterprise Manager Agent target and repository database)

Enterprise Manager debug log collection
 	
Run `emdebugon`, reproduce the problem then run `emdebugoff`, which disables debug again and collects debug logs
	`emdebugon`
	
	`emdebugoff`
		Local-only (on Enterprise Manager Agent target and Oracle Management Service)

Enterprise Manager target discovery / add problems	`emcliadd`
	
	`emclusdisc`
	
	`emdbsys`
	
	`emgendisc`
	
	`emprocdisc`
		Local-only

Enterprise Manager OMS restart problems	`emrestartoms`	Local-only
Enterprise Manager Agent performance problems	`emagentperf`	Local-only
Enterprise Manager OMS Crash problems	`emomscrash`	Local-only
Enterprise Manager Java heap usage or performance problems	`emomsheap`	Local-only
Enterprise Manager OMS crash, restart or	`emomshungcpu`	Local-only

Type of Problem	Available SRDCs	Collection Scope
performance problems		
Oracle Exalogic full Exalogs data collection information	`esexalogic`	Local-only

For more information about SRDCs, run `tfactl diagcollect -srdc -help`.

What the SRDCs collect varies for each type, for example:

Table 3-4 SRDC collections

Command	What gets collected
`$ tfactl diagcollect -srdc ORA-04031`	• IPS package • Patch listing • AWR report • Memory information • RDA HCVE output
`$ tfactl diagcollect -srdc dbperf`	• ADDM report • AWR for good period and problem period • AWR Compare Period report • ASH report for good and problem period • OSWatcher • IPS package (if there are any errors during problem period) • Oracle ORAchk (performance-related checks)

Oracle Trace File Analyzer prompts you to enter the information required based on the SRDC type.

For example, when you run `ORA-4031` SRDC:

```
$ tfactl diagcollect -srdc ORA-04031
```

Copy

Oracle Trace File Analyzer prompts to enter event date/time and database name.

1. Oracle Trace File Analyzer scans the system to identify recent events in the system (up to 10).
2. Once the relevant event is chosen, Oracle Trace File Analyzer then proceeds with diagnostic collection.
3. Oracle Trace File Analyzer identifies all the required files.
4. Oracle Trace File Analyzer trims all the files where applicable.
5. Oracle Trace File Analyzer packages all data in a zip file ready to provide to support.

You can also run an SRDC collection in non-interactive silent mode. Provide all the required parameters up front as follows:

```
$ tfactl diagcollect -srdc srdc_type -database db -from "
```

Copy

Example 3-2 Diagnostic Collection

```
$ tfactl diagcollect

Collecting data for the last 12 hours for all components...
Collecting data for all nodes

Collection Id : 20160616115923myserver69

Detailed Logging at :
/u01/app/tfa/repository/collection_Thu_Jun_16_11_59_23_PDT_2016_node_
2016/06/16 11:59:27 PDT : Collection Name :
tfa_Thu_Jun_16_11_59_23_PDT_2016.zip
2016/06/16 11:59:28 PDT : Collecting diagnostics from hosts :
[myserver70, myserver71, myserver69]
2016/06/16 11:59:28 PDT : Scanning of files for Collection in progres
2016/06/16 11:59:28 PDT : Collecting additional diagnostic informatic
2016/06/16 11:59:33 PDT : Getting list of files satisfying time range
[06/15/2016 23:59:27 PDT, 06/16/2016 11:59:33 PDT]
2016/06/16 11:59:37 PDT : Collecting ADR incident files...
2016/06/16 12:00:32 PDT : Completed collection of additional diagnost
2016/06/16 12:00:39 PDT : Completed Local Collection
2016/06/16 12:00:40 PDT : Remote Collection in Progress...
.---------------------------------------.
|          Collection Summary           |
+------------+-----------+------+------+
| Host       | Status    | Size | Time |
+------------+-----------+------+------+
| myserver71 | Completed | 15MB |  64s |
| myserver70 | Completed | 14MB |  67s |
| myserver69 | Completed | 14MB |  71s |
'------------+-----------+------+------'

Logs are being collected to:
/u01/app/tfa/repository/collection_Thu_Jun_16_11_59_23_PDT_2016_node_
/u01/app/tfa/repository/collection_Thu_Jun_16_11_59_23_PDT_2016_node_
/u01/app/tfa/repository/collection_Thu_Jun_16_11_59_23_PDT_2016_node_
/u01/app/tfa/repository/collection_Thu_Jun_16_11_59_23_PDT_2016_node_
```

Example 3-3 One command SRDC

```
$ tfactl diagcollect -srdc ora600
Enter value for EVENT_TIME [YYYY-MM-DD HH24:MI:SS,<RETURN>
Enter value for DATABASE_NAME [<RETURN>=ALL] :

1. Jun/09/2016 09:56:47 : [rdb11204] ORA-00600: internal error code,
arguments: [], [], [], [], [], [], [], [], [], [], [], [] 2. May/19/2
arguments: [], [], [], [], [], [], [], [], [], [], [], [] 3. May/13/2
arguments: [], [], [], [], [], [], [], [], [], [], [], [] 4. May/13/2
arguments: [], [], [], [], [], [], [], [], [], [], [], []

Please choose the event : 1-4 [1] 1
Selected value is : 1 ( Jun/09/2016 09:56:47 ) Collecting data for lo
from Jun/09/2016 03:56:47 to Jun/09/2016 15:56:47

Collection Id : 20160616115820myserver69

Detailed Logging at :
/u01/app/tfa/repository/srdc_ora600_collection_Thu_Jun_16_11_58_20_PD
2016/06/16 11:58:23 PDT : Collection Name :
tfa_srdc_ora600_Thu_Jun_16_11_58_20_PDT_2016.zip
2016/06/16 11:58:23 PDT : Scanning of files for Collection in progres
2016/06/16 11:58:23 PDT : Collecting additional diagnostic informatic
2016/06/16 11:58:28 PDT : Getting list of files satisfying time range
[06/09/2016 03:56:47 PDT, 06/09/2016 15:56:47 PDT]
2016/06/16 11:58:30 PDT : Collecting ADR incident files...
2016/06/16 11:59:02 PDT : Completed collection of additional diagnost
2016/06/16 11:59:06 PDT : Completed Local Collection
.----------------------------------------.
|           Collection Summary           |
+------------+-----------+-------+------+
| Host       | Status    | Size  | Time |
+------------+-----------+-------+------+
| myserver69 | Completed | 7.9MB |  43s |
'------------+-----------+-------+------'
```

Copy

Note: For more information about how to diagnose and resolve ORA-00600 errors using Oracle Trace File Analyzer diagnostics, see ORA-600 (ORA-00600 Internal Error) Detection, Diagnosis & Resolution.

Related Topics

- ORA-600 (ORA-00600 Internal Error) Detection, Diagnosis & Resolution

Parent topic: On-demand Analysis and Diagnostic Collection

3.7 Uploading Collections to Oracle Support

To enable collection uploads, configure Oracle Trace File Analyzer with your My Oracle Support user name and password.

For example:

```
tfactl setupmos
```

Copy

Oracle Trace File Analyzer stores your login details securely within an encrypted wallet. You can store only a single user's login details.

1. Run a diagnostic collection using the `-sr sr_number` option.

   ```
   tfactl diagcollect diagcollect options -sr sr_num
   ```

   Copy

   At the end of collection, Oracle Trace File Analyzer automatically uploads all collections to your Service Request.

Oracle Trace File Analyzer can also upload any other file to your Service Request.

You can upload using the wallet, which was setup previously by `root` using `tfactl setupmos`.

```
tfactl upload -sr sr_number -wallet space-separated list
```

Copy

You can also upload without the wallet. When uploading without the wallet `tfactl` prompts for the password.

```
tfactl upload -sr sr_number -user user_id space-separated
```

Copy

```
-bash-4.1# tfactl setupmos
Enter User Id: john.doe@oracle.com
Enter Password:
Wallet does not exist ... creating
Wallet created successfully
USER details added/updated in the wallet
PASSWORD details added/updated in the wallet
SUCCESS - CERTIMPORT - Successfully imported certificate
-bash-4.1# su - oradb


-bash-4.1$ /opt/oracle.tfa/tfa/myserver69/tfa_home/bin/tfactl diagcol
Enter the time of the ORA-00600 [YYYY-MM-DD HH24:MI:SS,RETURN=ALL] :
Enter the Database Name [RETURN=ALL] :

1. Oct/23/2017 03:03:40 : [ogg11204] ORA-00600: internal error code,
2. Sep/26/2017 10:03:10 : [ogg11204] ORA-00600: internal error code,
3. Sep/26/2017 10:02:49 : [ogg11204] ORA-00600: internal error code,
4. Sep/26/2017 10:02:33 : [ogg11204] ORA-00600: internal error code,
5. Jan/09/2016 13:01:02 : [+ASM1] ORA-00600: internal error code, arg

Please choose the event : 1-5 [1] 1
Selected value is : 1 ( Oct/23/2017 03:03:40 )
Scripts to be run by this srdc: ipspack rdahcve1210 rdahcve1120 rdahc
Components included in this srdc: OS CRS DATABASE NOCHMOS
Use of uninitialized value $db_home in length at /opt/oracle.tfa/tfa/
Collecting data for local node(s)
Scanning files from Oct/22/2017 21:03:40 to Oct/23/2017 09:03:40

Collection Id : 20180430080045myserver69

Detailed Logging at : /opt/oracle.tfa/tfa/repository/srdc_ora600_coll
2018/04/30 08:00:50 PDT : NOTE : Any file or directory name containin
2018/04/30 08:00:50 PDT : Collection Name : tfa_srdc_ora600_Mon_Apr_3
2018/04/30 08:00:50 PDT : Scanning of files for Collection in progres
2018/04/30 08:00:50 PDT : Collecting additional diagnostic informatic
2018/04/30 08:01:15 PDT : Getting list of files satisfying time range
2018/04/30 08:01:34 PDT : Collecting ADR incident files...
2018/04/30 08:02:21 PDT : Completed collection of additional diagnost
2018/04/30 08:02:24 PDT : Completed Local Collection
2018/04/30 08:02:24 PDT : Uploading collection to SR - 3-15985570811
2018/04/30 08:02:27 PDT : Successfully uploaded collection to SR
.---------------------------------------.
|           Collection Summary          |
+------------+-----------+-------+------+
```

```
| Host       | Status    | Size  | Time |
+------------+-----------+-------+------+
| myserver69 | Completed | 559kB |  94s |
'------------+-----------+-------+------'

Logs are being collected to: /opt/oracle.tfa/tfa/repository/srdc_ora6
/opt/oracle.tfa/tfa/repository/srdc_ora600_collection_Mon_Apr_30_08_0
```

Parent topic: On-demand Analysis and Diagnostic Collection

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