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Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

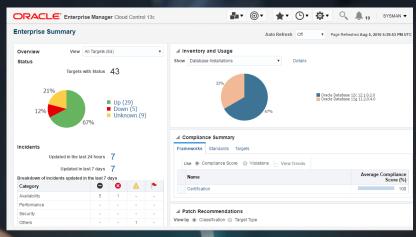
La semana laboral de 4 hs. del DBA usando Enterprise Manager 13c

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diego.sanchez@oracle.com







THE NO.1 NEW YORK TIMES BESTSELLER THE 4-HOUR **WORK WEEK ESCAPE THE 9-5,** LIVE ANYWHERE AND JOIN THE NEW RICH **TIMOTHY FERRISS**

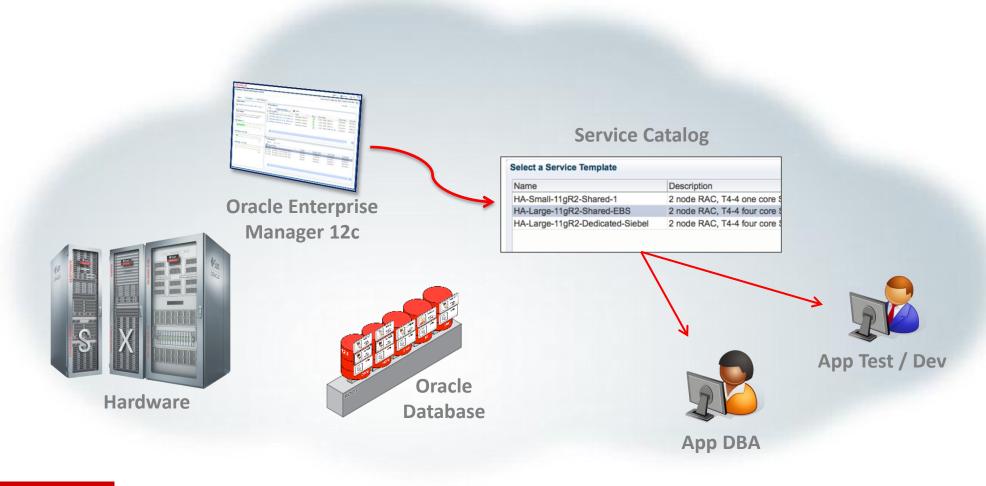
Definir Eliminar Automatizar Liberar

Nube privada



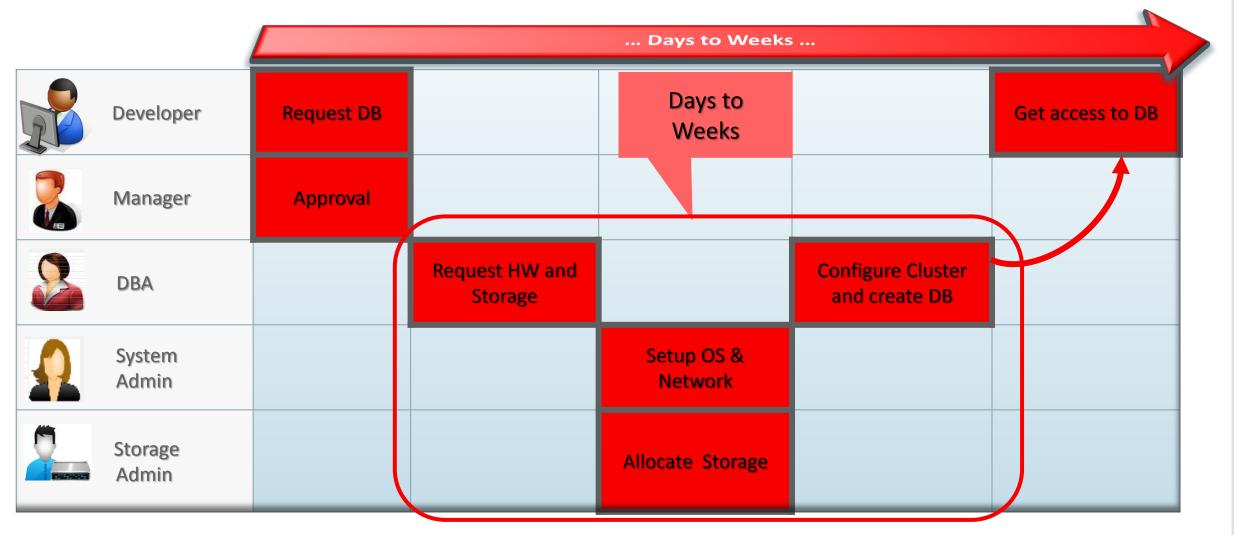
Complete Private Cloud Solution

Oracle Optimized Solution for Oracle Database-as-a-Service



Example Alignment: Traditional Provisioning

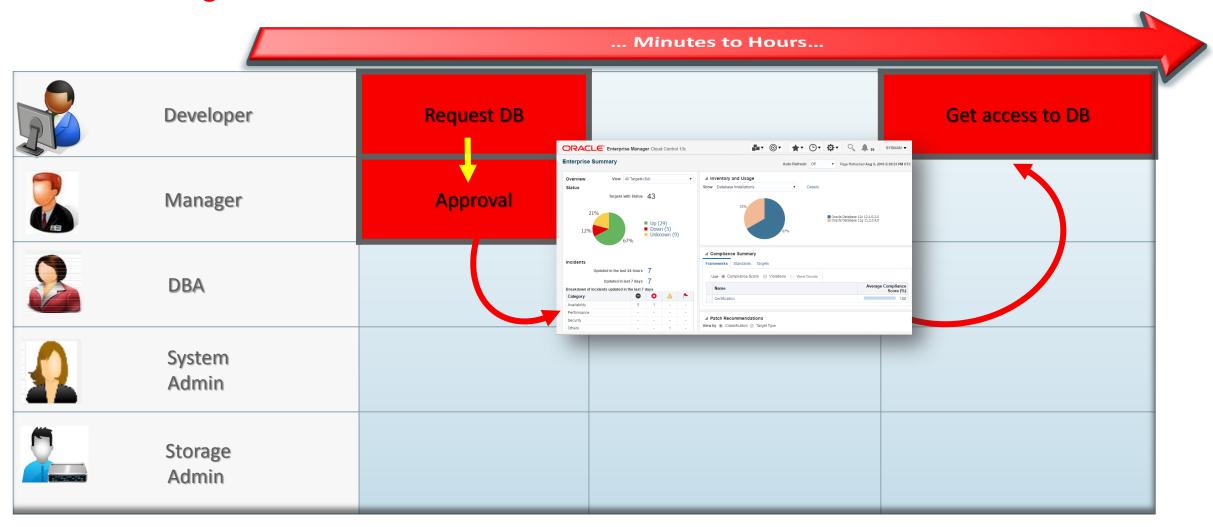
Process, Resource, Time-consuming and Inefficient



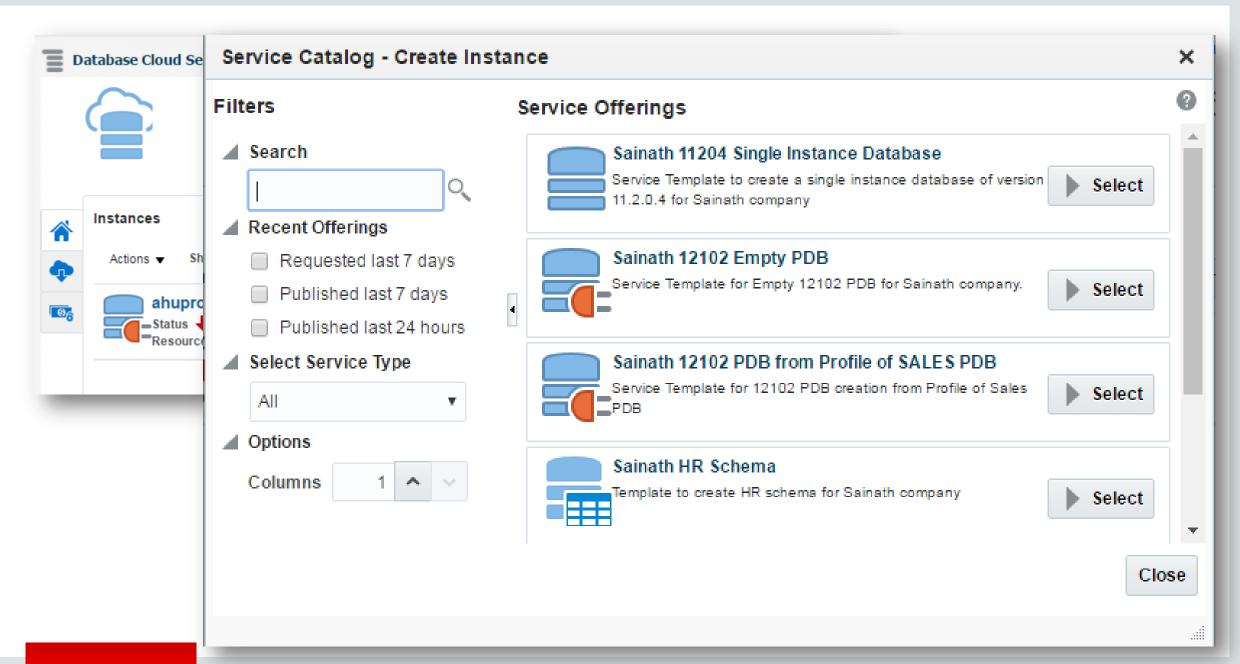


Example Alignment: DBaaS Provisioning

Time-Saving and Efficient





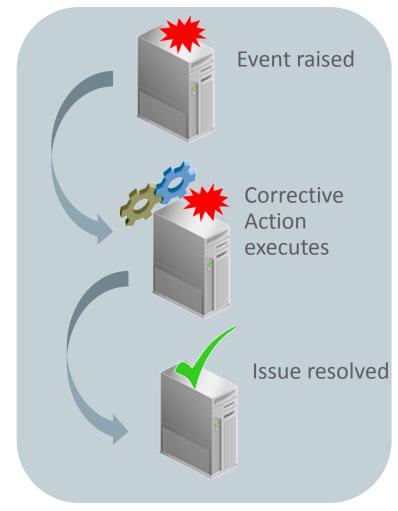


Acciones correctivas



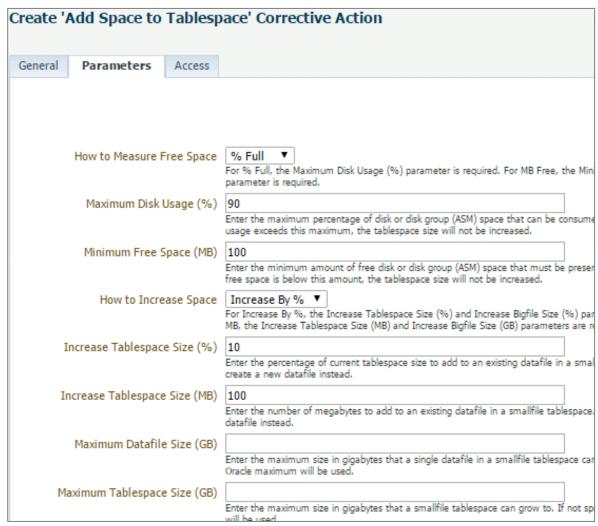
Beyond the Basics: Corrective Action Enhancements

- Support for ALL event types
- Lifecycle of Corrective Actions
- Reference model for better control and consistent semantics
- Execution automatically or On demand
- Enhances event management / operator efficiency



Out-of-box Corrective Action: 'Add Space to Tablespace'

- Automatically adds space to tablespace by extending existing datafiles or creating new datafiles
- Customizable
 - Limit disk space consumption
 - Add space by % or MB
 - Limit maximum datafile size
- Can Be Associated With All Tablespace Full Metrics
 - Space Used %, Free Space (MB) for Locally Managed, Dictionary, Temp, Undo
 - Per Tablespace or Tablespaces (wildcard supported with tablespace name)

















SYSMAN ▼

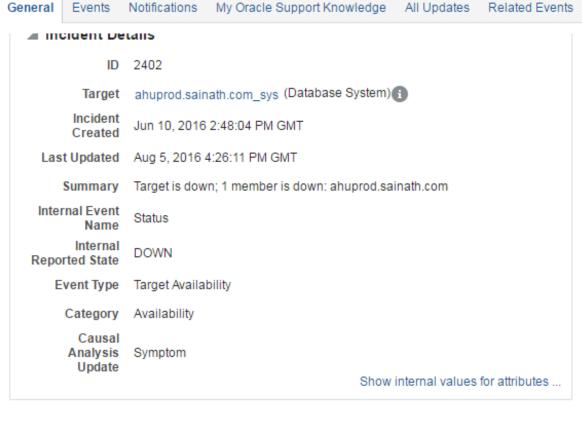
Incident Manager

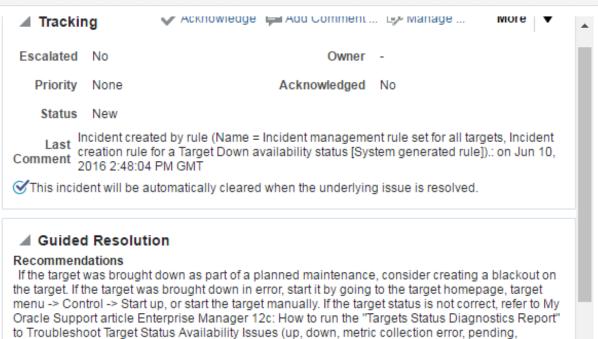
Incident Manager > Incident Details

■ Target is down; 1 member is down: ahuprod.sainath.com

Symptom, Unassigned, Not acknowledged

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Corrective Actions 🗊

Add corrective action

No corrective action defined

View recent configuration

Diagnostics

View topology

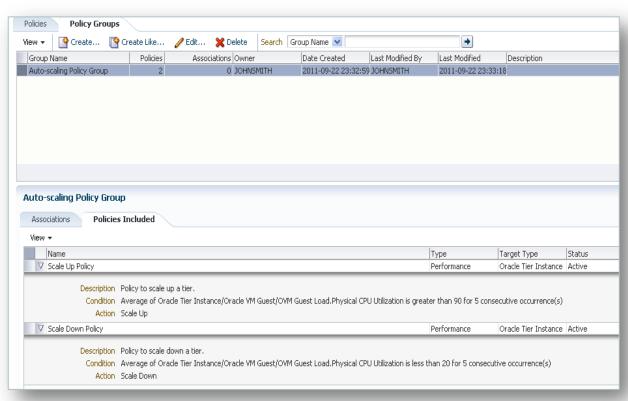
unreachable) for all Targets (Doc ID 1546575.1).

Actions Blackout

Target

Policy Based Auto-scaling

- Dynamically allocate resources based on pre-defined policies
- Out-of-box policy authoring capability combining metric thresholds with actions
- Schedule-based activities
- Performance-based scaling



Usuarios de primer nivel de soporte



Database Management: Fine Grained Access Control

Fine-Grain Authorization for Database Management

Flexible privilege model and OOB roles that map to various personae, for e.g., Application Developer or DBA, View or Manage Performance, etc.

Authorized

- ✓ Performance
- ✓ SQL Monitor
- ✓ SQL Plan Control
- ✓ Top Activity
- ✓ Top Consumers
- **✓** SPA
- ✓ Read Only access to
 - √ Sessions
 - ✓ Database Schema
 - ✓ Optimizer Statistics

Help Desk User

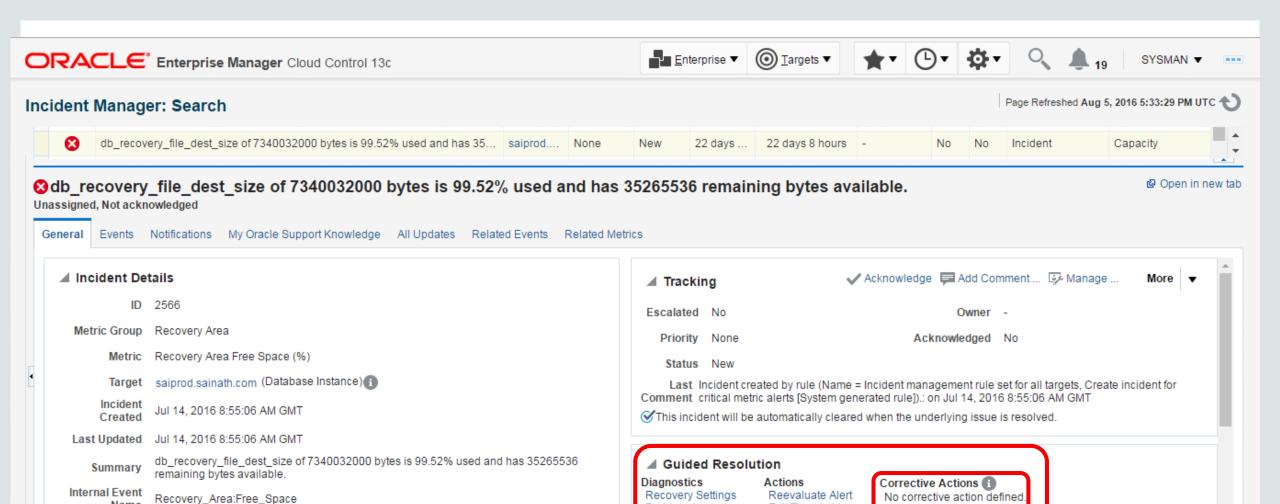




- X Database Startup /Shutdown
- X Run SQL
- X SQL Worksheet
- X Security Pages (Users, Roles, Profiles)
- X View Table Data
- X Tablespaces
- X Init Parameters
- X Any write access to database







Name

Category Capacity

Metric Alert

Event Type

Edit Thresholds

Add corrective action

Problem Analysis

View Metric Help

Show internal values for attributes ..

Desvíos y comparaciones constantes

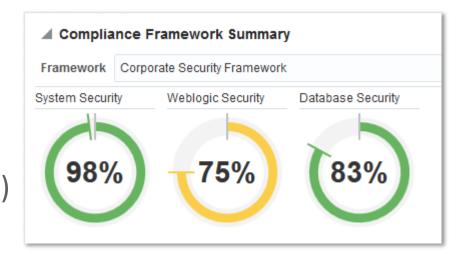


Continuous Drift and Configuration Auditing

- Configuration Audit
 - Validate conformance to standards or benchmarks using discrete logic
 - Best for Industry and internal standards (STIG,CIS, PCI)
- Continuous Drift



- Validate conformance to standards using Reference configuration
- Best for critical and rapidly changing configuration settings







Reportes compartidos y automáticos



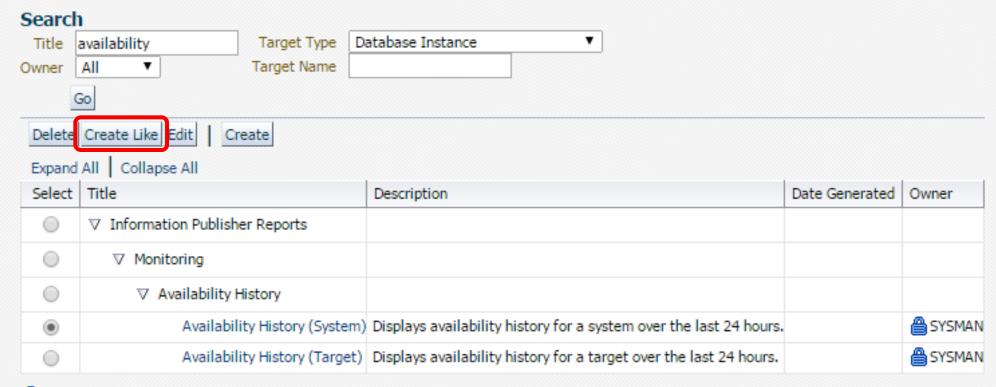
ORACLE Enterprise Manager Cloud Control 13c





Information Publisher Reports

> Future Support Information

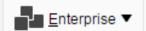


indicates an Oracle-provided report. Oracle-provided reports cannot be edited, but you can use Create Like to create a report that can be edited.

Related Link Enterprise Manager Information Publisher Reports



ORACLE Enterprise Manager Cloud Control 13c



Information Publisher Reports

Create Report Definition

Elements Schedule General Access

Administrators and Roles

This report definition can be edited by the report owner and all super administrators, although only the report owner can modify the report schedule. The report defined below.

Owner SYSMAN

Add

S	elect	Name	Туре
		No Data Found	

Enterprise Manager Information Publisher Reports Website

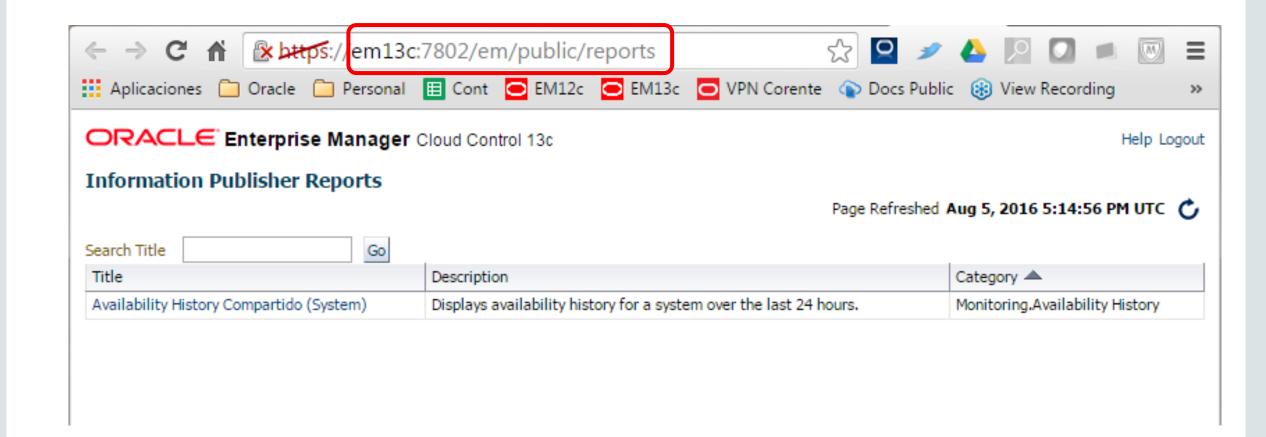
The Information Publisher Reports website allows report viewing by people who are not Enterprise Manager Administrators. People who are not administrators can view only reports that have the "Allow viewing without logging in to Enterprise Manager" option checked.

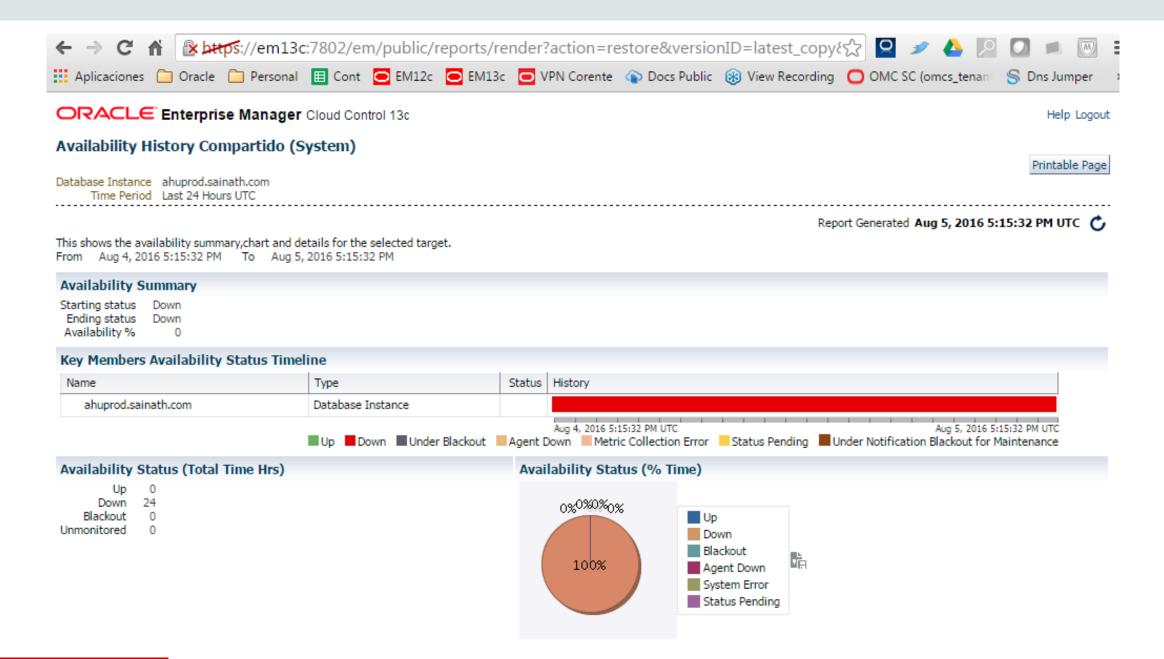
Enterprise Manager administrators can view reports either from the Enterprise Manager Information Publisher Reports website or from the Reports tab. When logged in, administrators will see all reports for which they have access.

Allow viewing without logging in to Enterprise Manager Use this option with care as it allows anyone to view the report

Related Link Enterprise Manager Information Publisher Reports

nformation Publisher Reports								
General Elements Schedule Access								
You can optionally schedule a report so that it can be e-mailed and/or so that copies can be saved. A job is submitted when you schedule the report. The scheduled report is run using the target privileges of the report owner (SYSMAN).								
Schedule Report When checked, the General option "Run report using target privileges of the report owner (SYSMAN)" must also be checked								
Schedule								
Type One Time (Immediately) One Time (Later) Repeating								
Save Copies of Report								
Save a copy of report each time the scheduled report completes								
E-mail Report								
E-mail report each time the scheduled report completes From Oracle Enterprise Manager (SYSMAN) Reply To To Separate recipients with comma, semicolon or new line. Example:JonDoe@hq.com, helpDesk@mycompany.com Subject								
Purge								
You can specify a purge policy to limit the number of copies of scheduled reports. One Not Purge								
 Purge Based on Retention Time Purge Based on Number of Saved Copies 0 Days ▼								



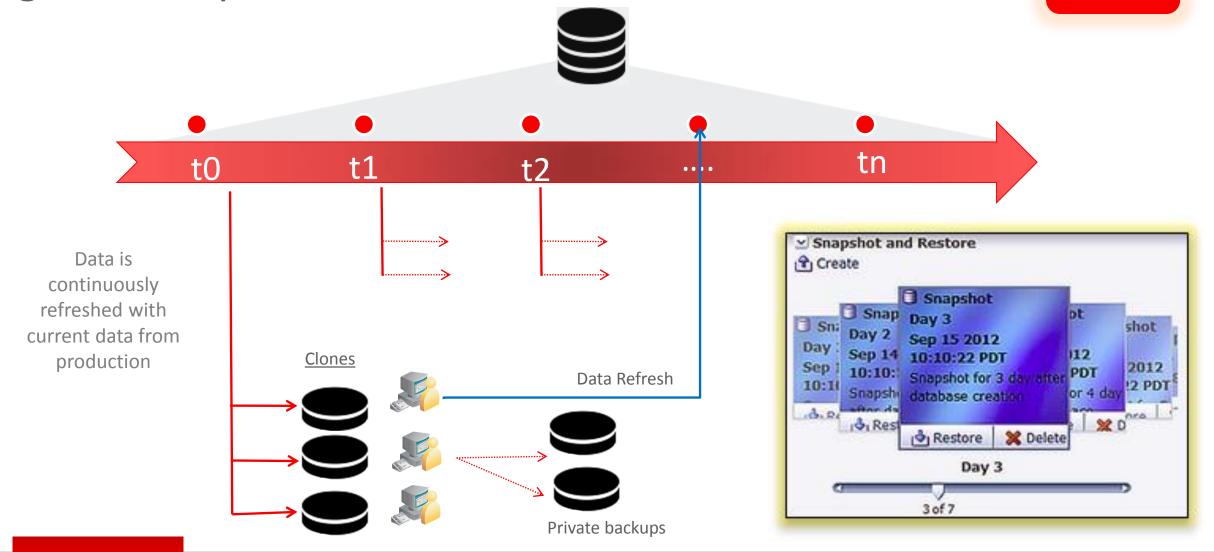


Snapshots automáticos



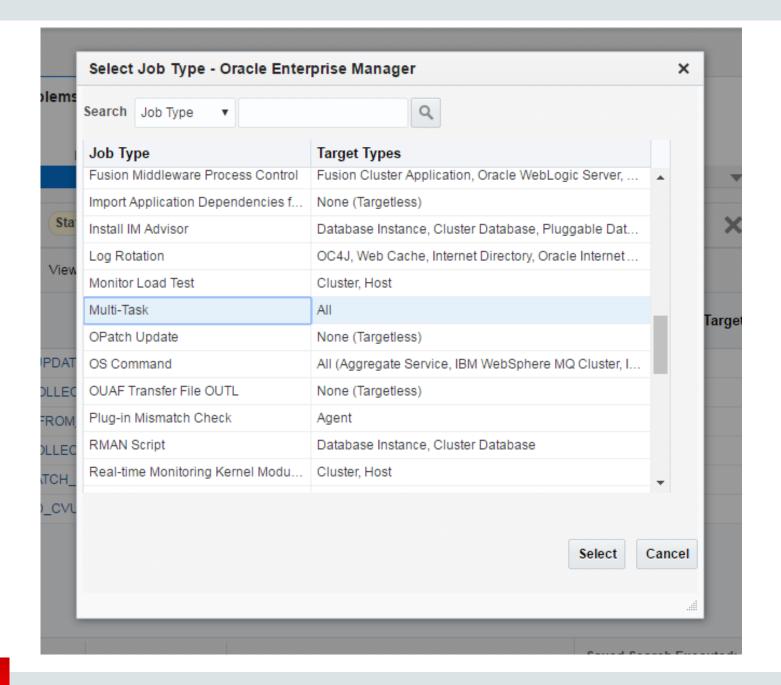
Data lifecycle Management: Agile Dev-Ops with continuous 'Data Refresh'

NEW: Continuous Refresh



Jobs Multitarea





ORACLE Enterprise Manager Cloud Control 13c

Job

Create 'Multi-Task' Job

General	Tasks	Schedule	Access					
* Na	me JOE	MULTITARE	4					
Descript	tion							
Tar	get Dif	ferent target	s for differ	rent tasks ▼				
Changing the current selection will cause the job-level Targets, as well as all currently-defined Tasks, to be removed.								
Maximum Parallel Executions 5 Provide a numeric value greater than 0. Default is Null, indicating 'all executions together'								

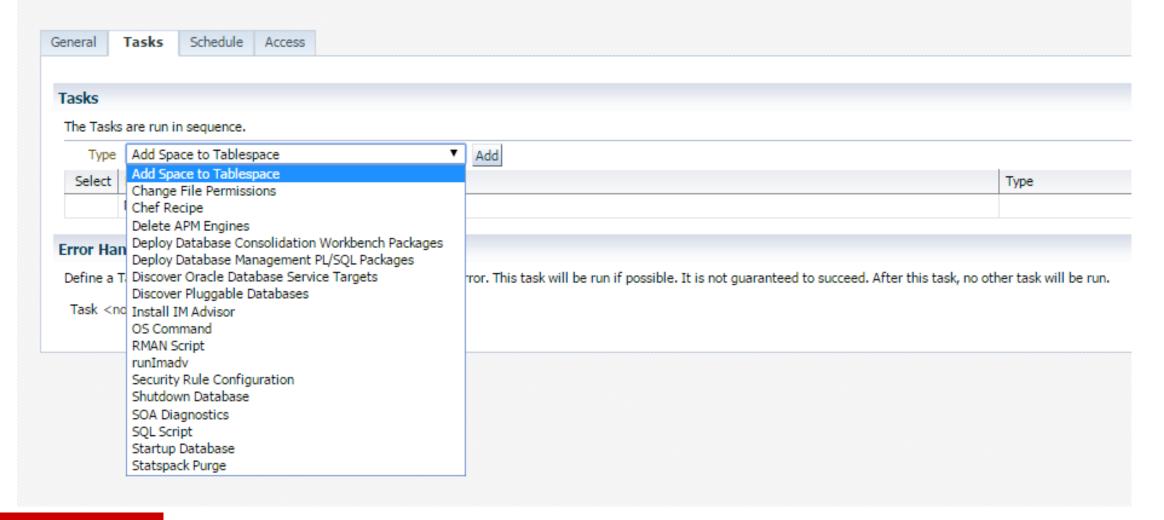
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Job

Create 'Multi-Task' Job



COPIAR DATAFILES EN FRIO

DESBLOQUEAR AGENTE

SUBIR BASE DE DATOS



OS Command

Block Agent

Startup Database







BAJAR BASE DE D...

BLOQUEAR AGENTE ▼







Job

Create 'Multi-Task' Job

Cancel Save to Library Submit

Tasks Schedule Access General Tasks The Tasks are run in sequence. Edit Remove Move Up Move Down Add Space to Tablespace • Add Select Name Type Condition Depends On Targets Target Type BLOQUEAR AGENTE Block Agent Always ■BAJAR BASE DE DATOS Shutdown Database On Success ▼ BLOQUEAR AGENTE ▼

On Success ▼

On Success ▼

Always

Error Handler Task

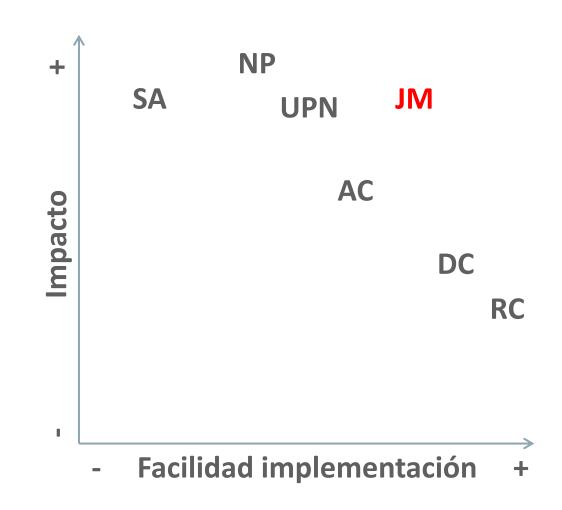
Define a Task that you can run if any of the above tasks causes an Error. This task will be run if possible. It is not guaranteed to succeed. After this task, no other task will be run.

Task <none> Add



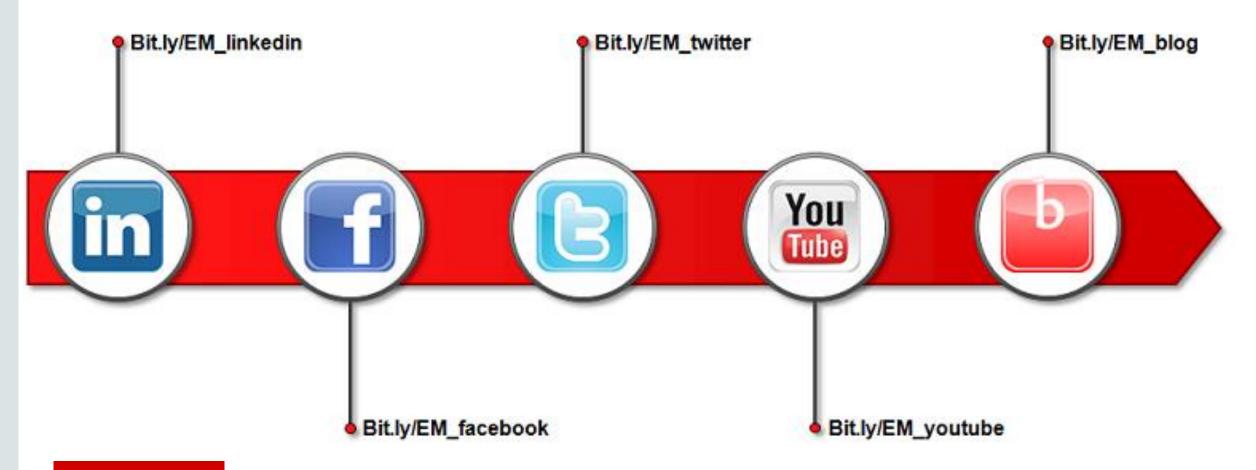
Resumen

- Nube privada
- Acciones correctivas
- Usuarios de primer nivel de soporte
- Desvíos y comparaciones constantes
- Reportes compartidos y automáticos
- Snapshots automáticos
- Jobs Multitarea



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