**IT 453. Hands-on exercises.**

**Class work/Homework 1.**

**Resources:**

* **Use as a reference “Oracle Database 11 g Administrator. Certified Associate”,**

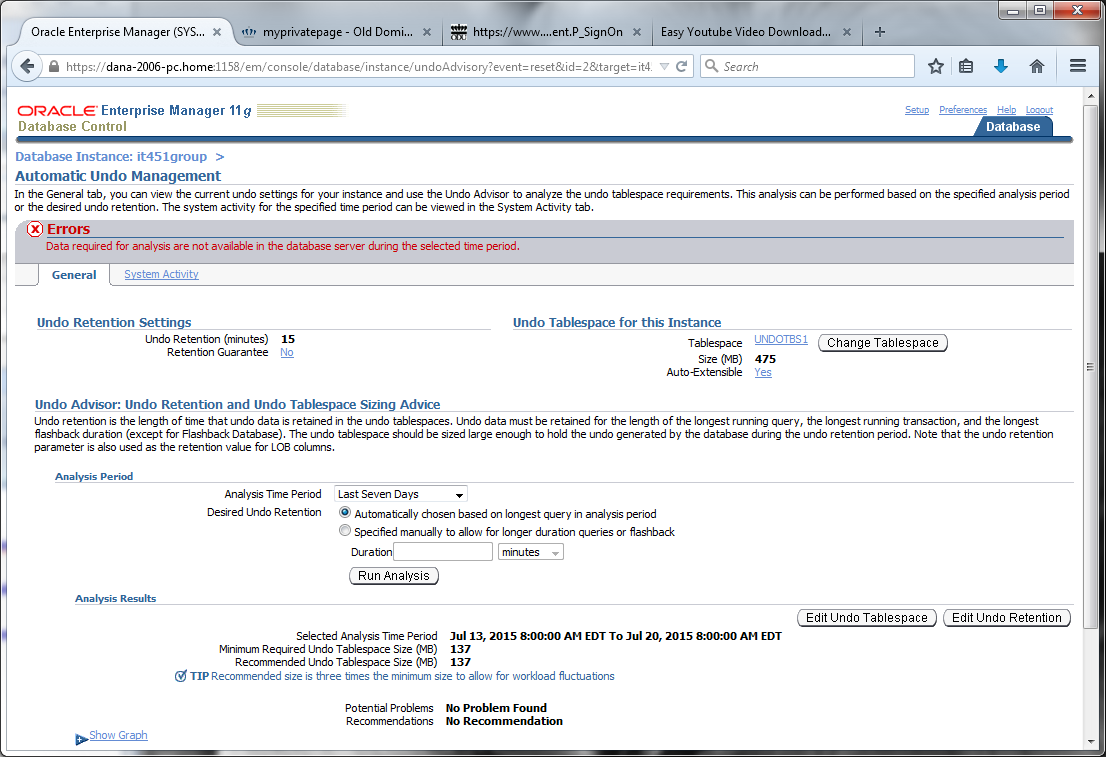
**“Maintaining the Database and Managing Performance” - ch.14 .**

**Hands-On:**

1. **Use database Control to monitor undo and undo tablespace**

**EM > SERVER tab**

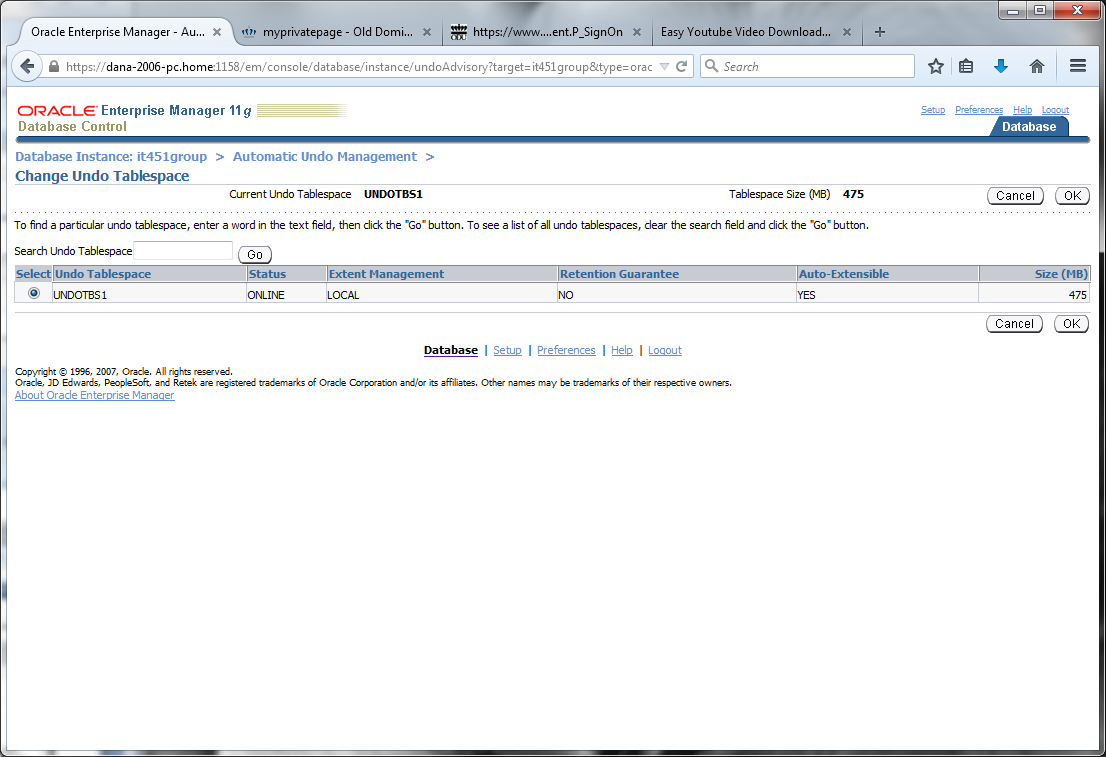
**> Automatic Undo management**

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**EM > SERVER tab**

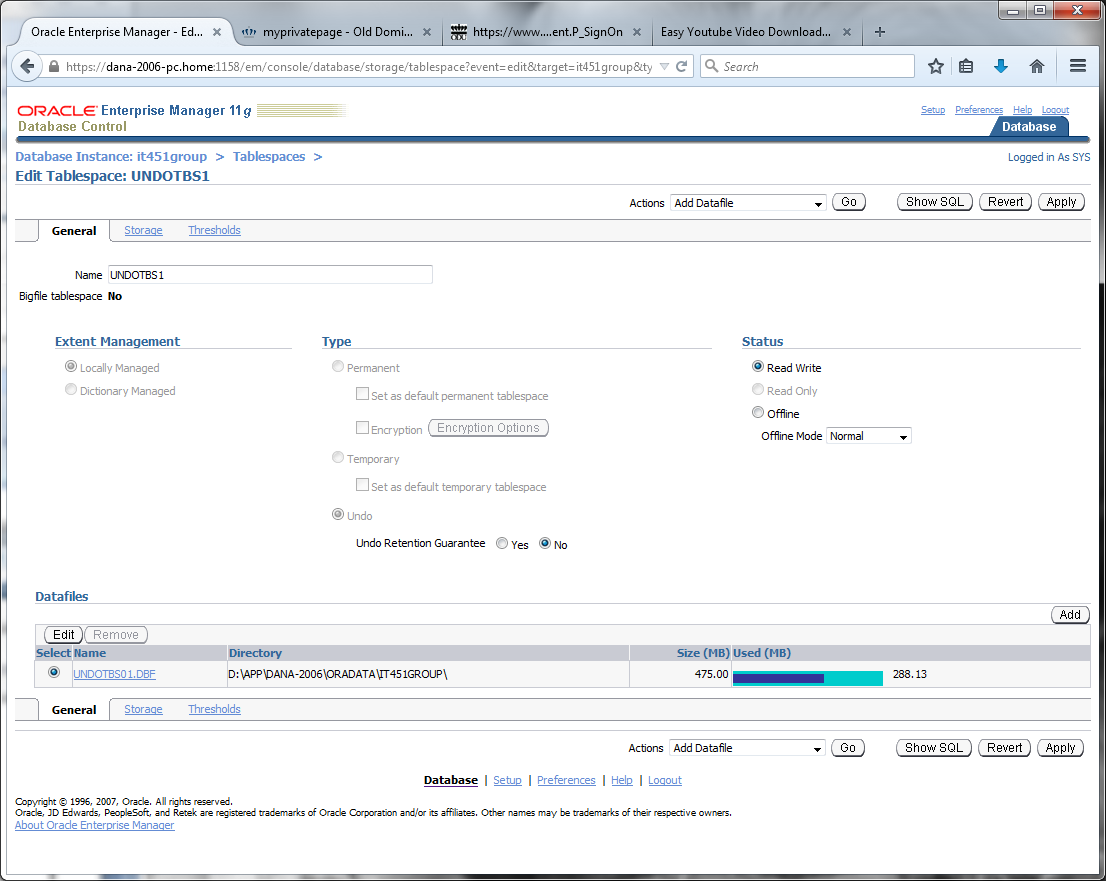
**> Automatic Undo management**

**>change Table space button**

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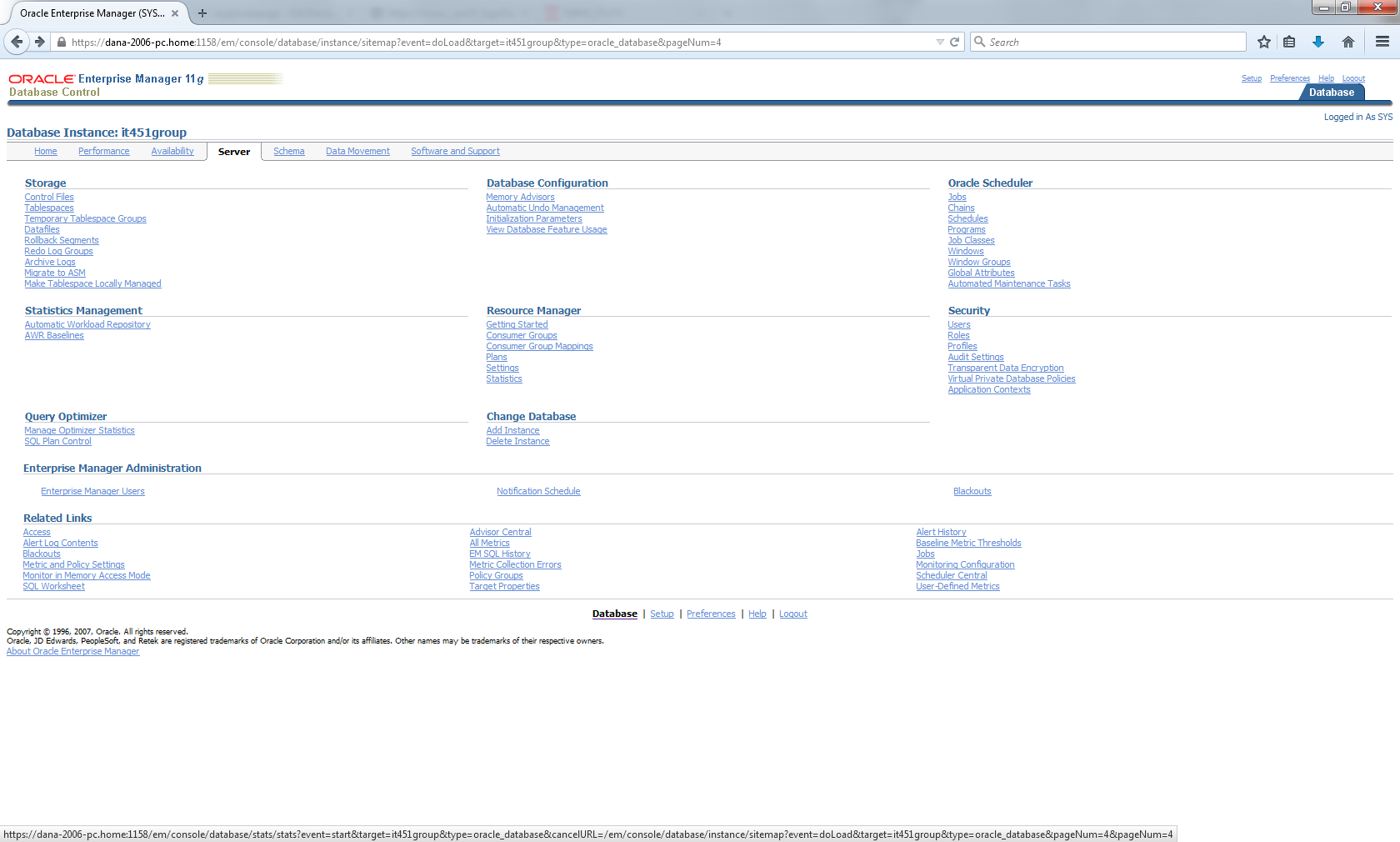
**(from automatic Undo management tab)**

**>Table Spaces**

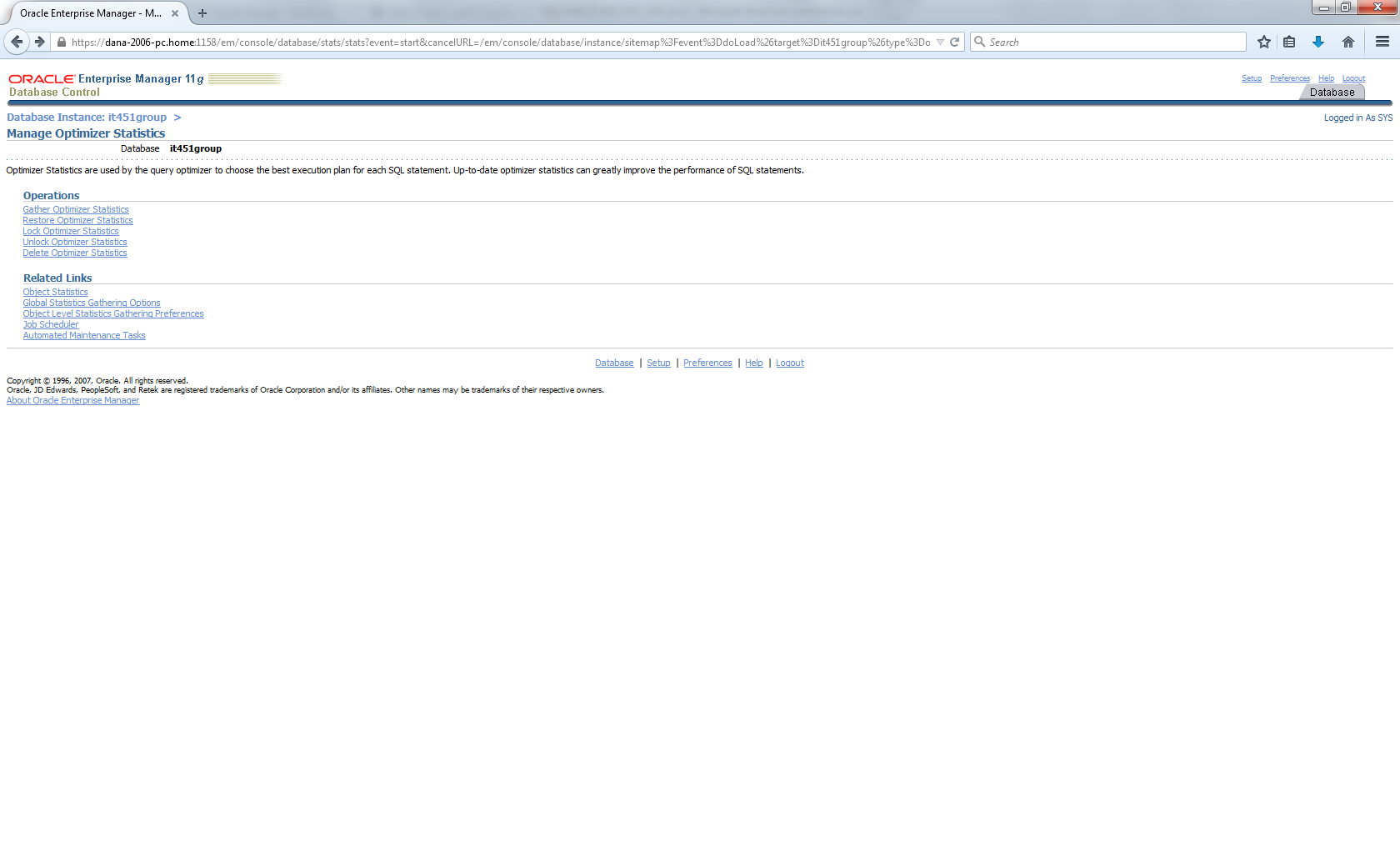
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1. **Use database Control to gather statistics on schema/database**

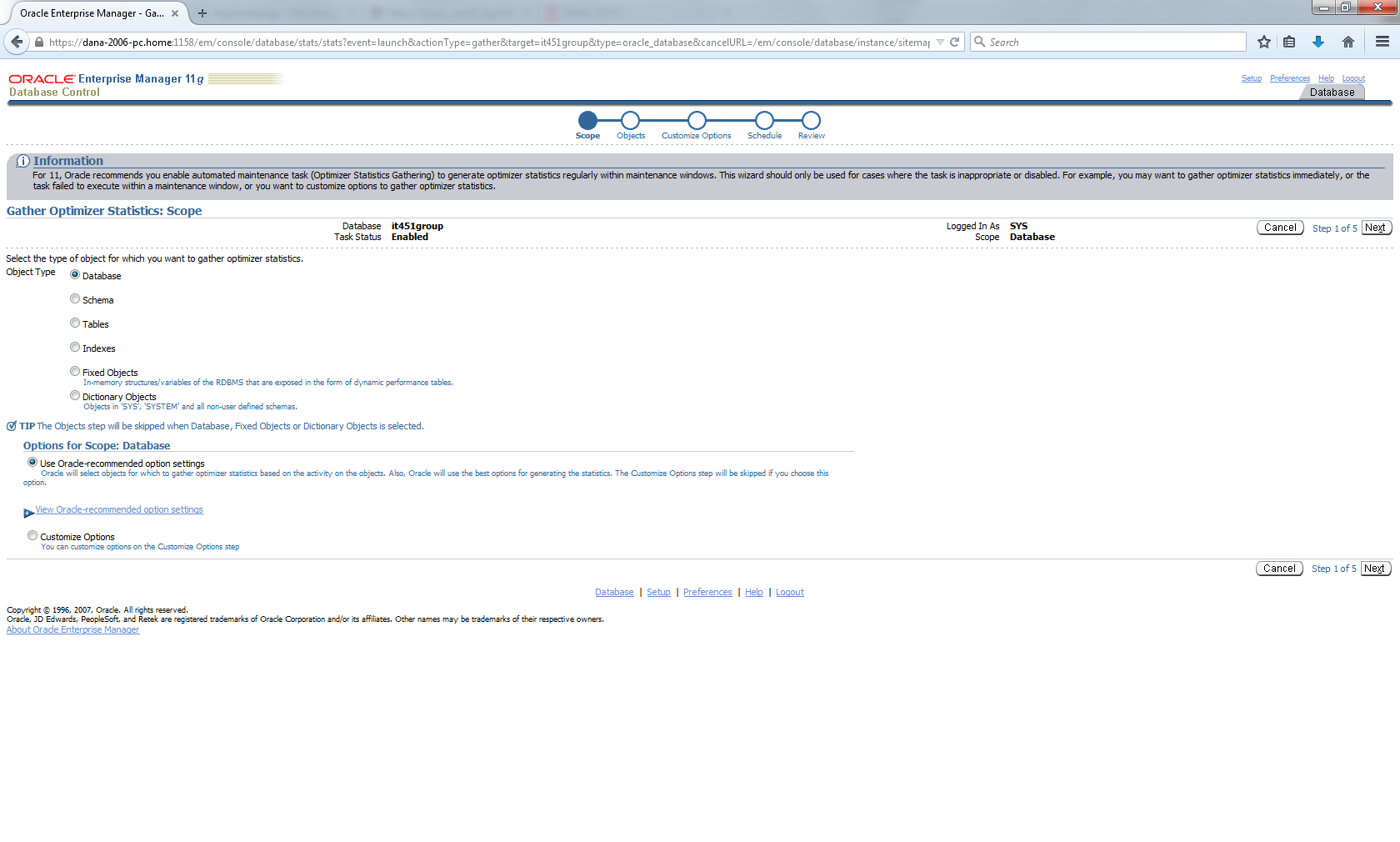
**>manage optimizer statistics**

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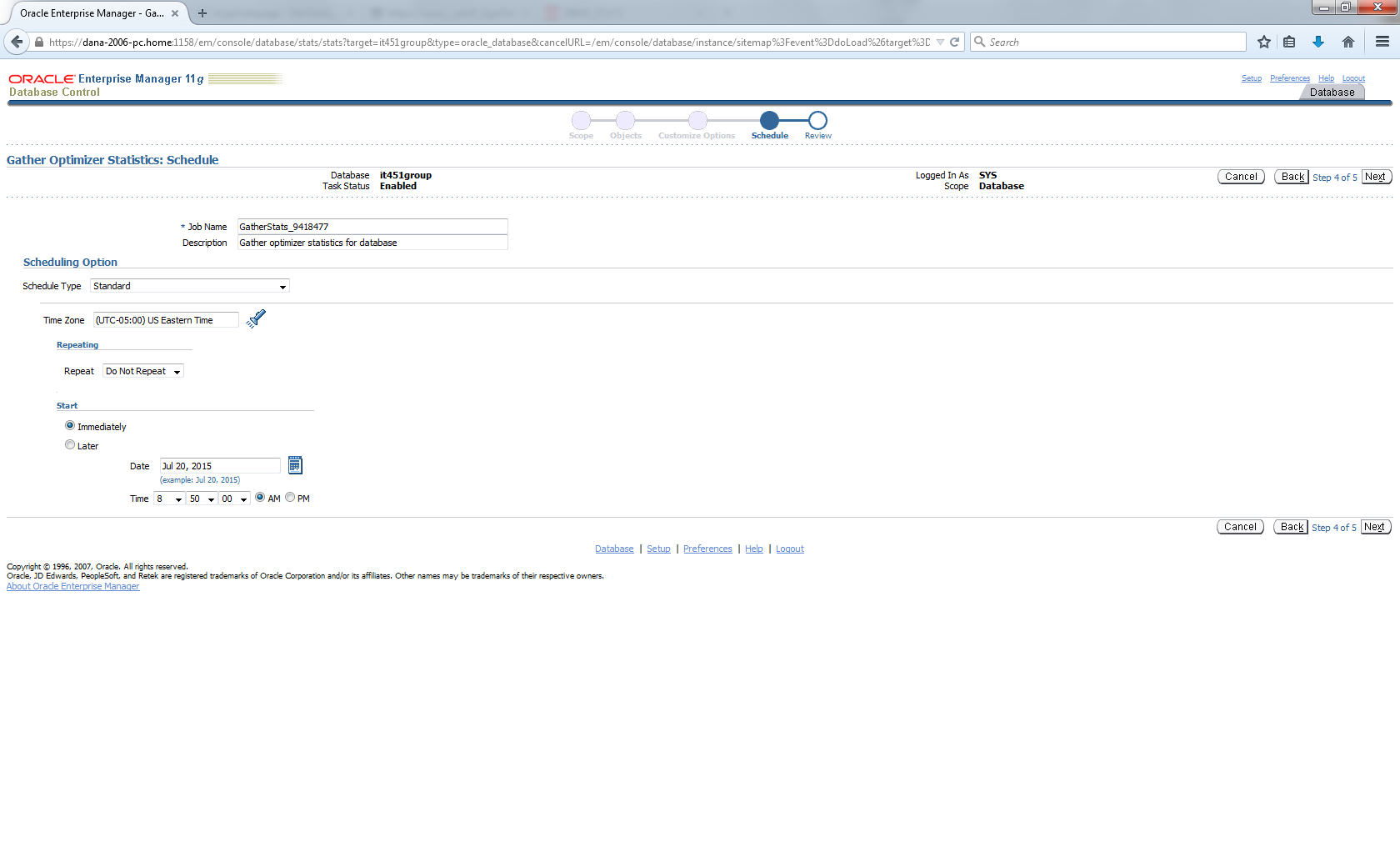
**>gather optimizer statistics**

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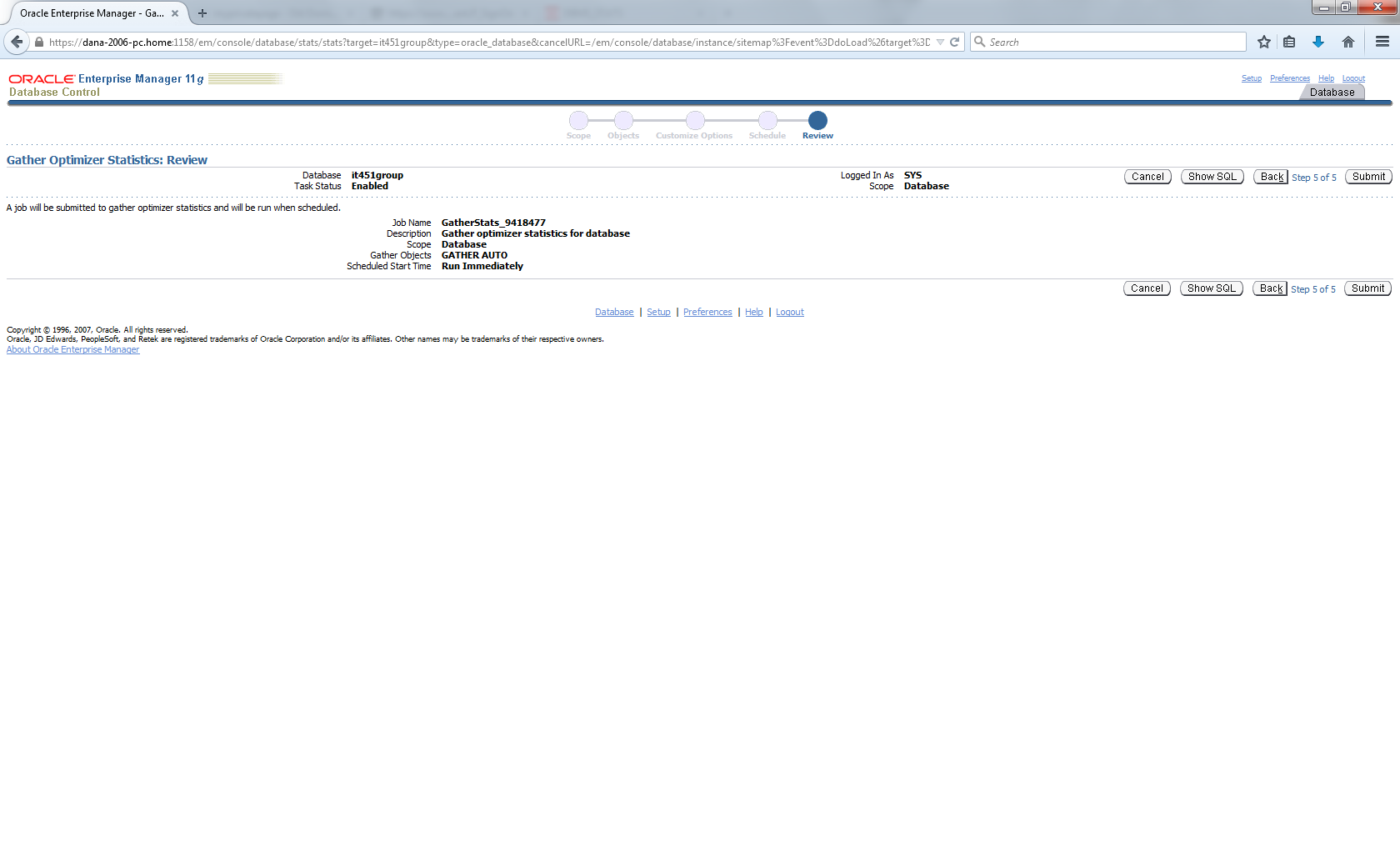
**>Step1**

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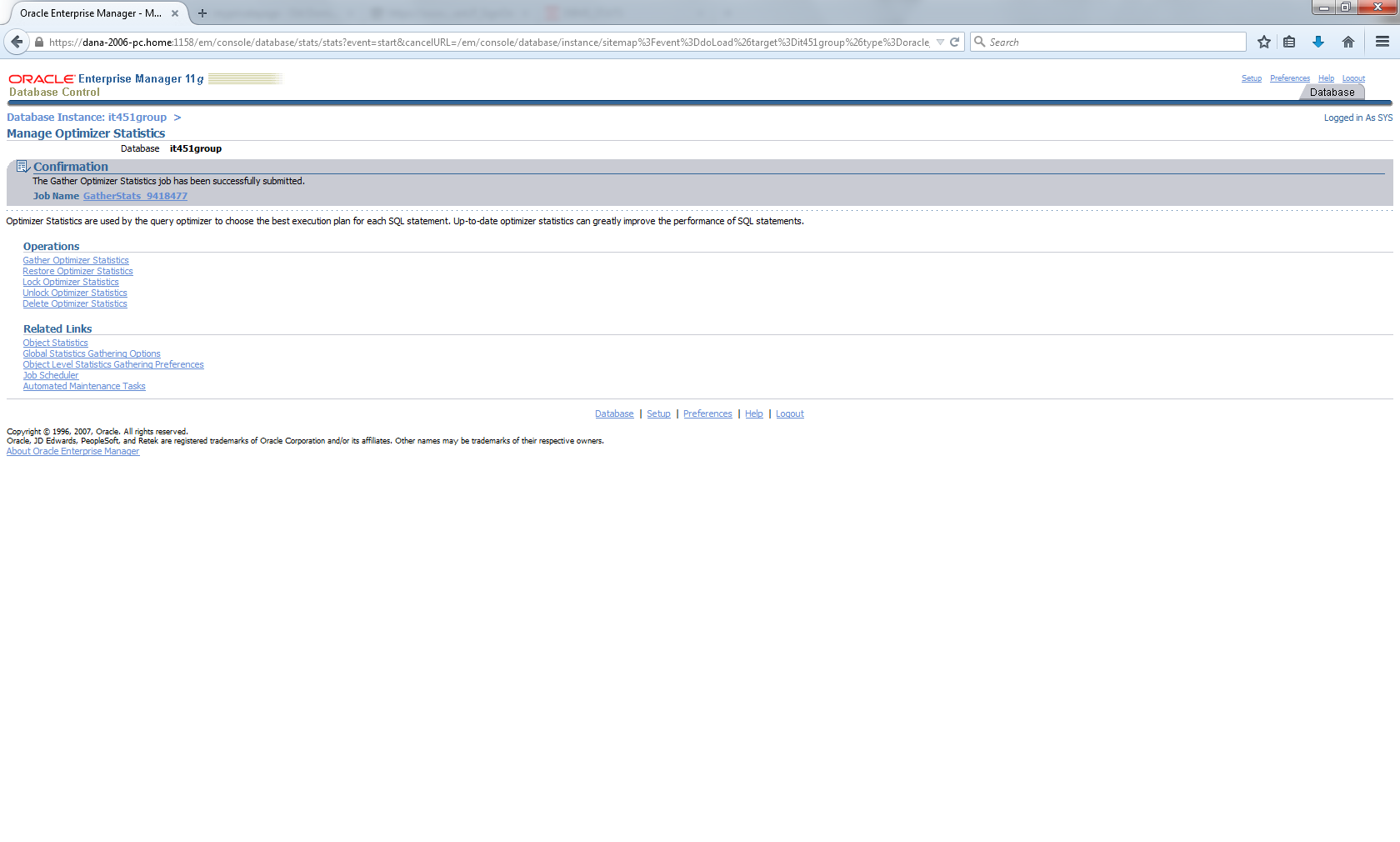
**>Step4**

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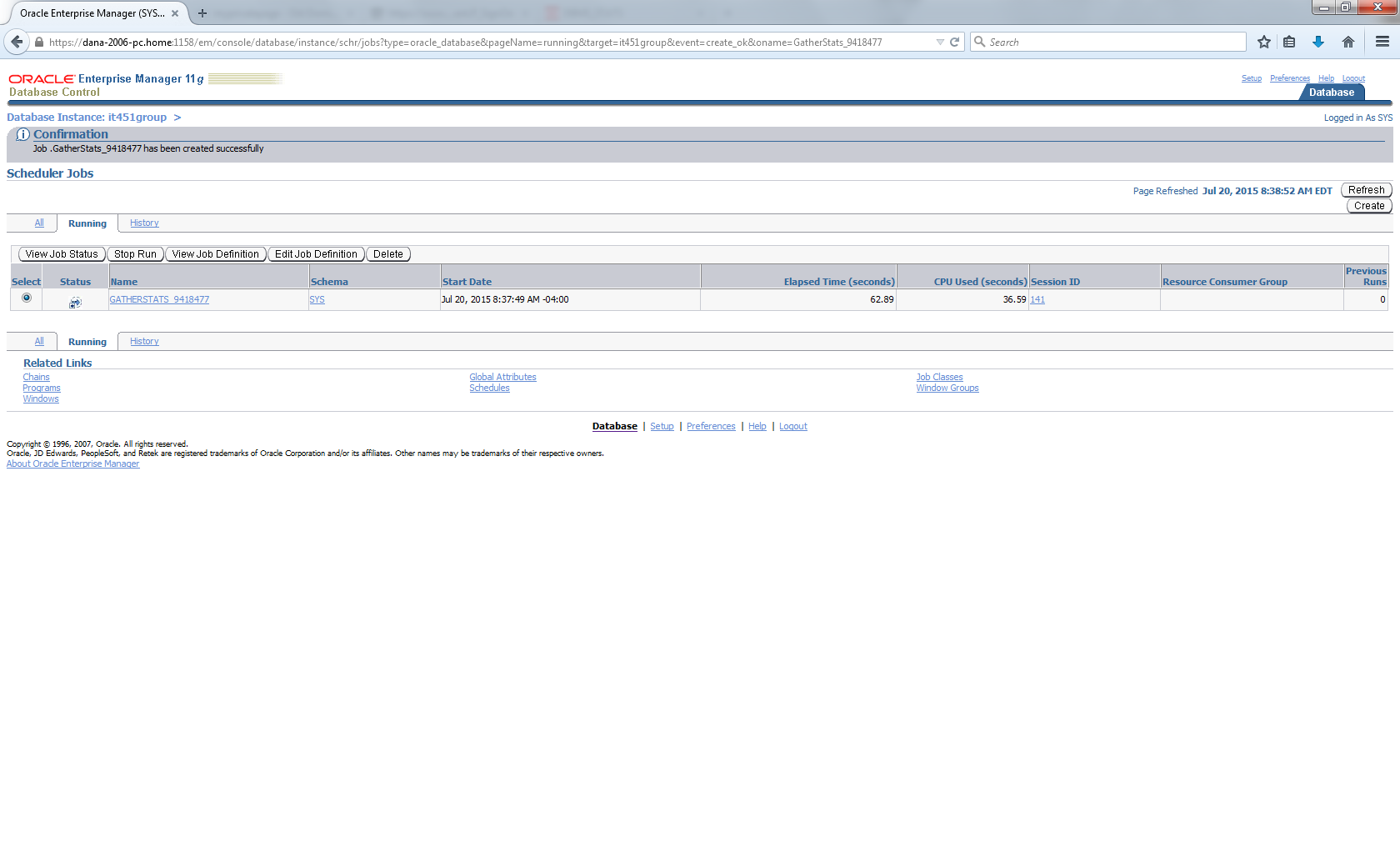
**>Step 5 then submit button**

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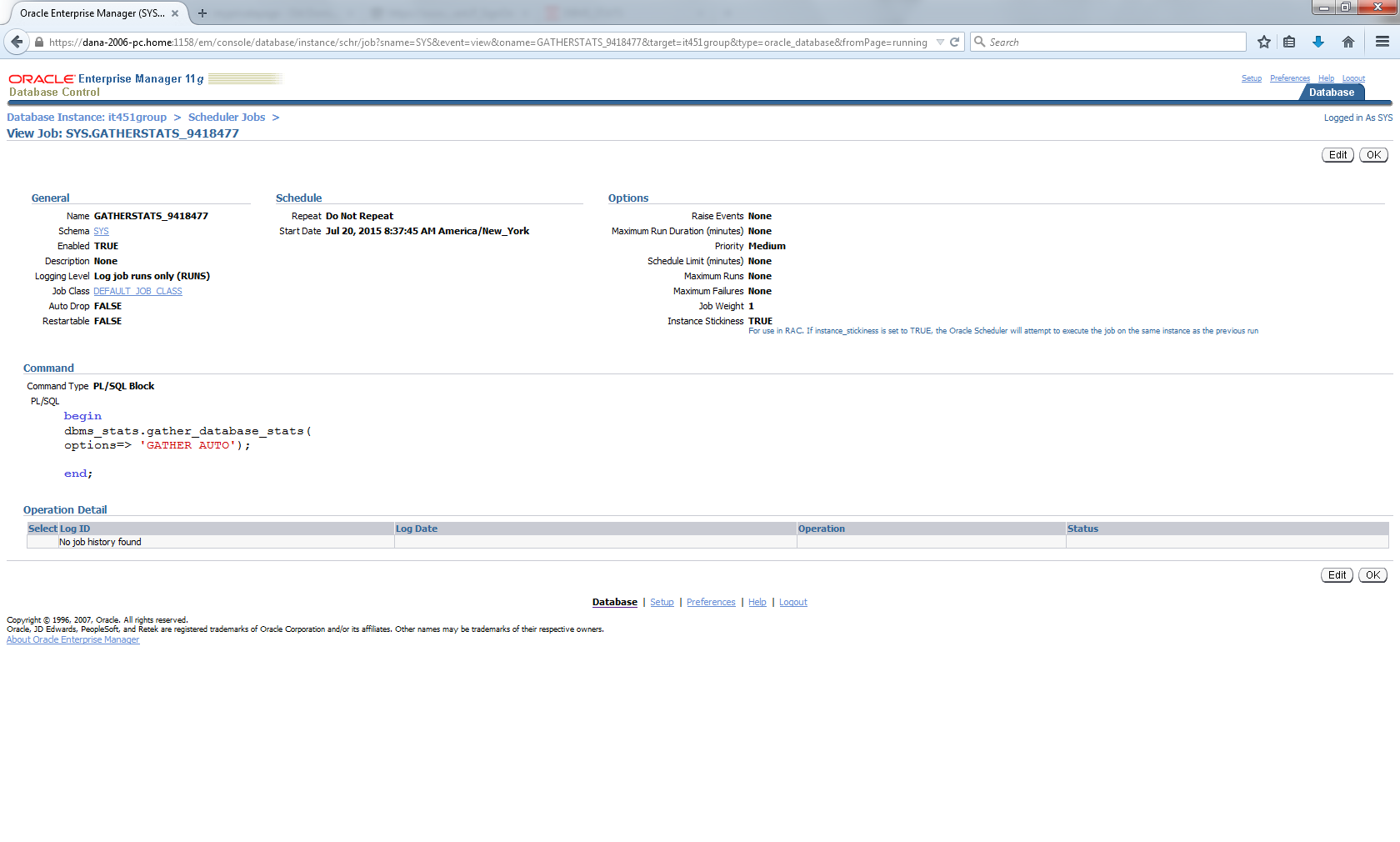
**Results page:**

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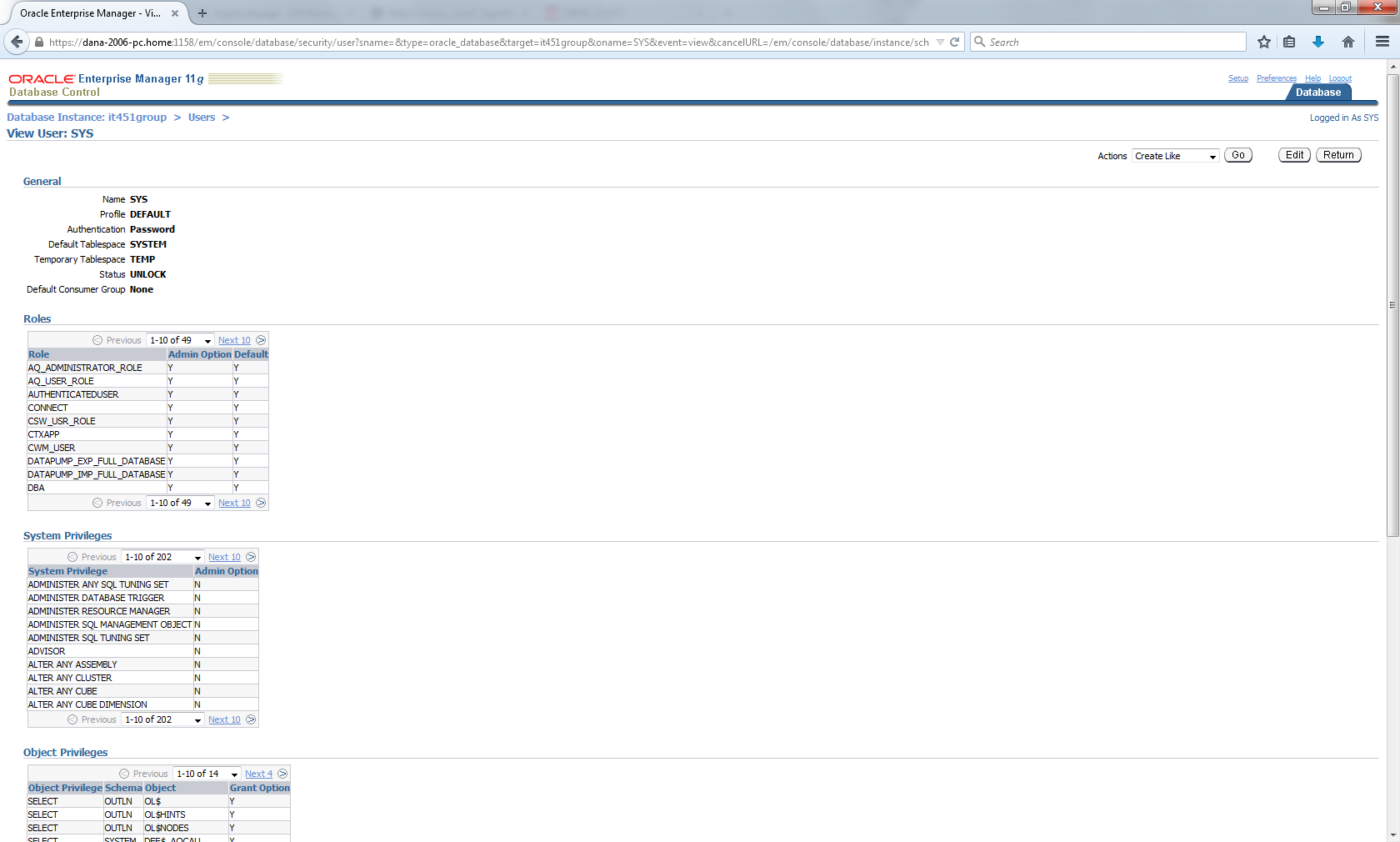
**>Job name: gatherstats 9418477**

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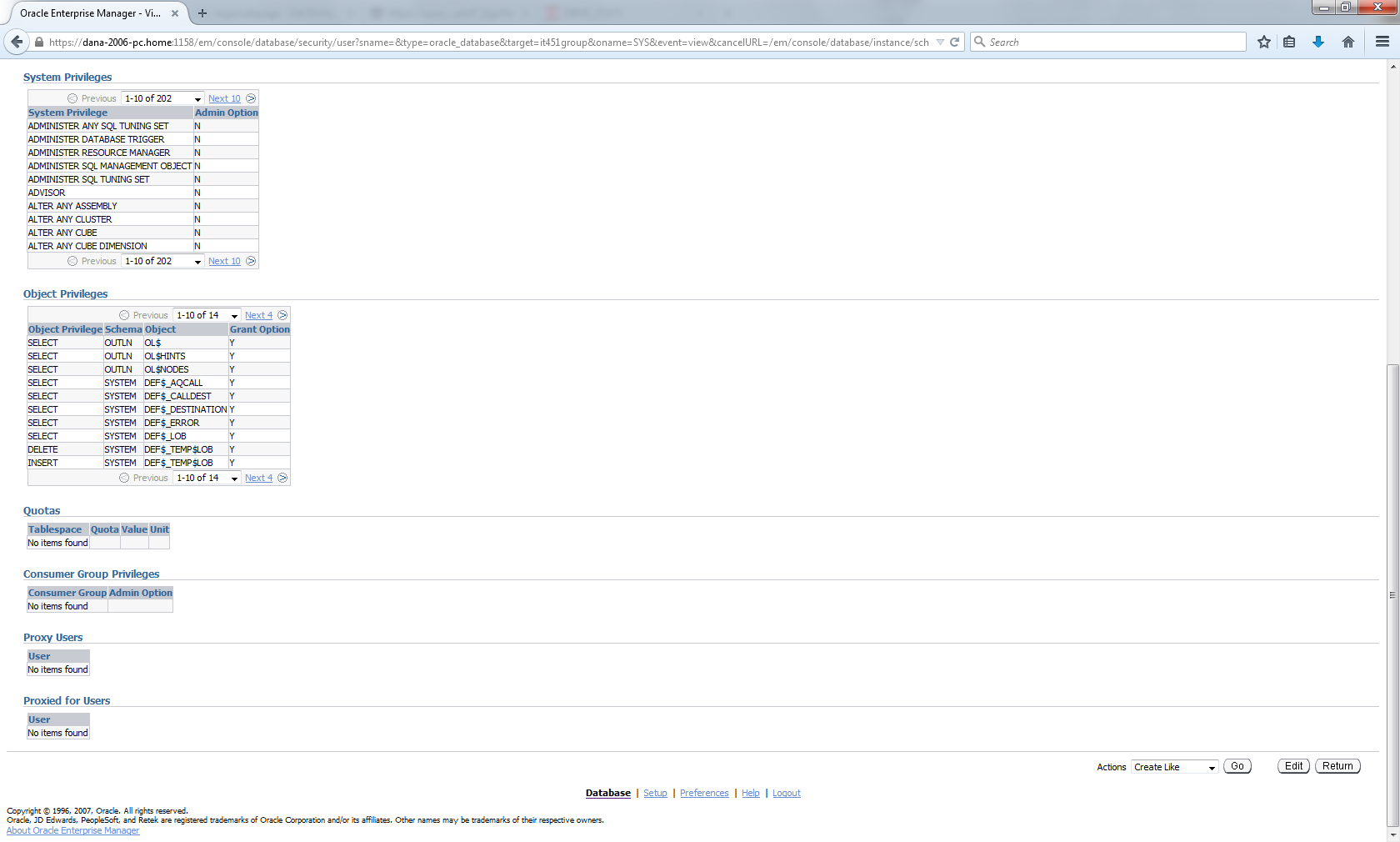
**>shows sql code used here:**

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**Schema results:**

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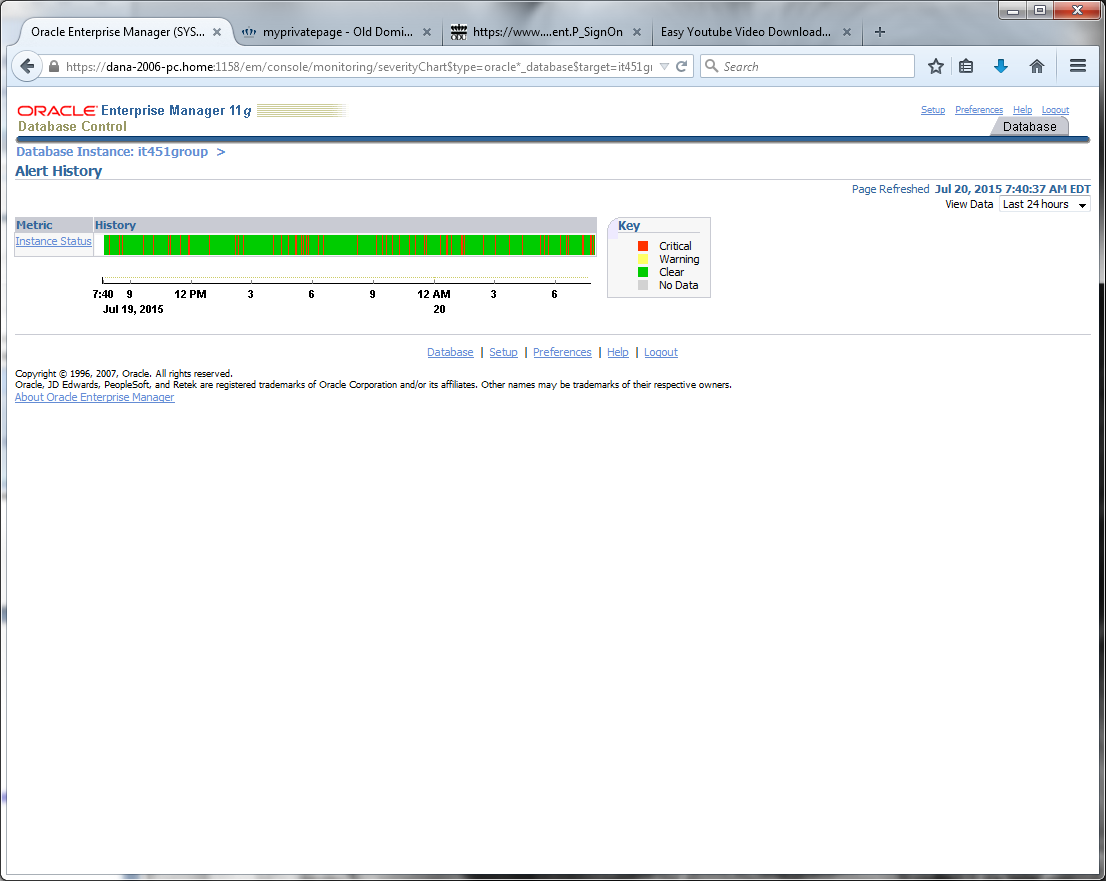
**Continued…..**

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1. **Use database Control to monitor alerts( + alert history)**

**EM >server tab**

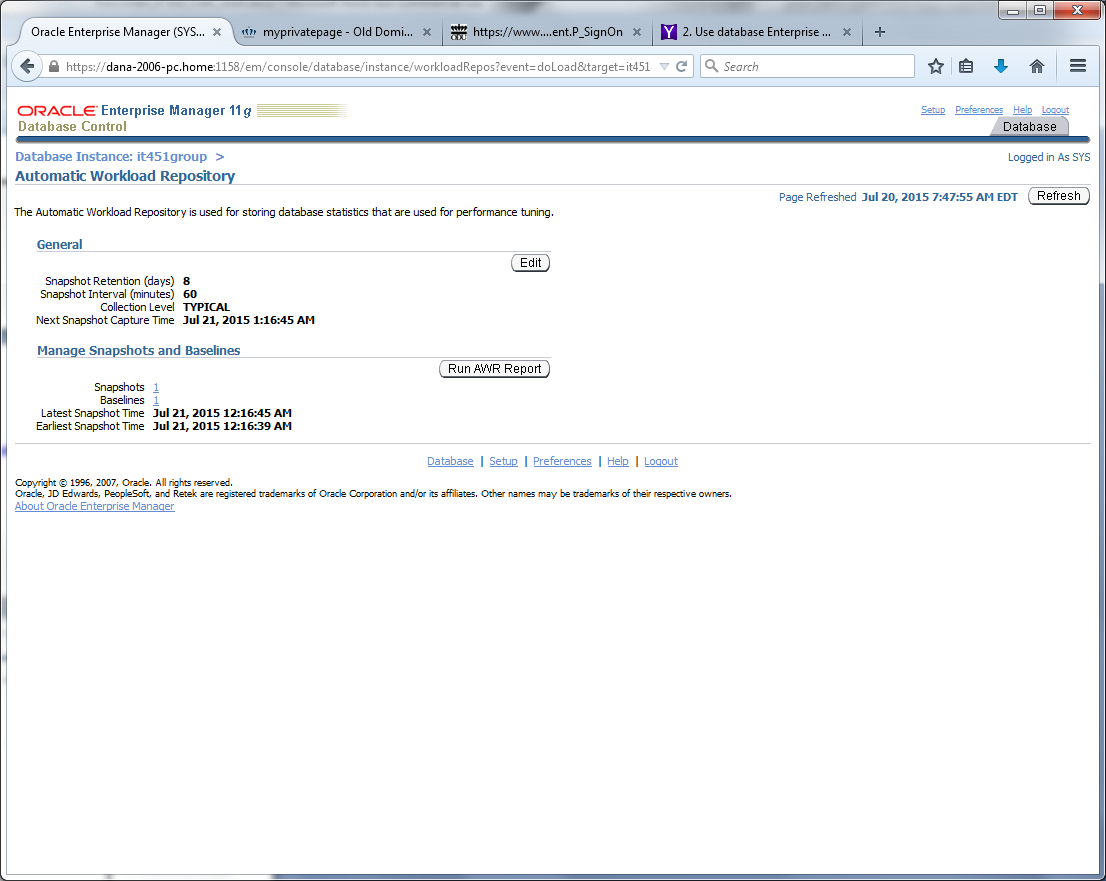
**>alert history**

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1. **Use database Control to review AWR reports( baseline reports, snapshot reports, and other) .**

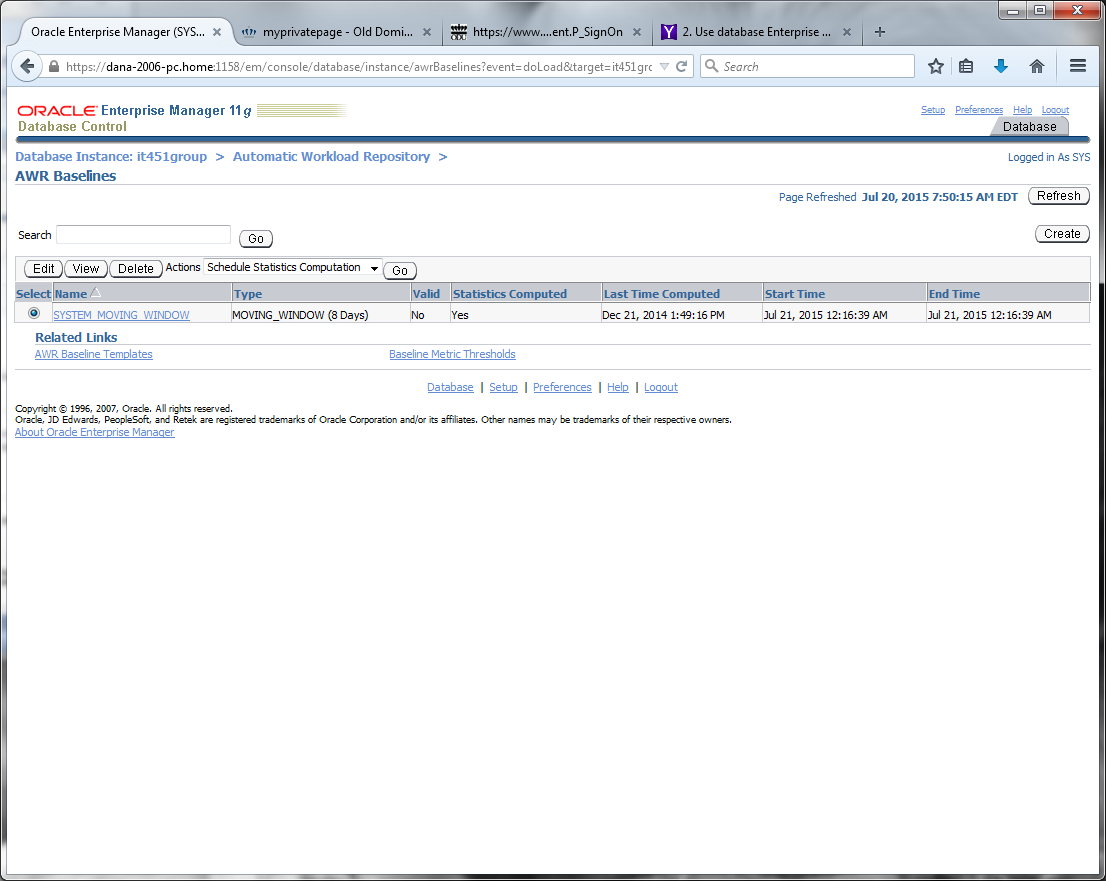
**EM >Server Tab**

**>Automatic Workload Repository**

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**EM >Server Tab**

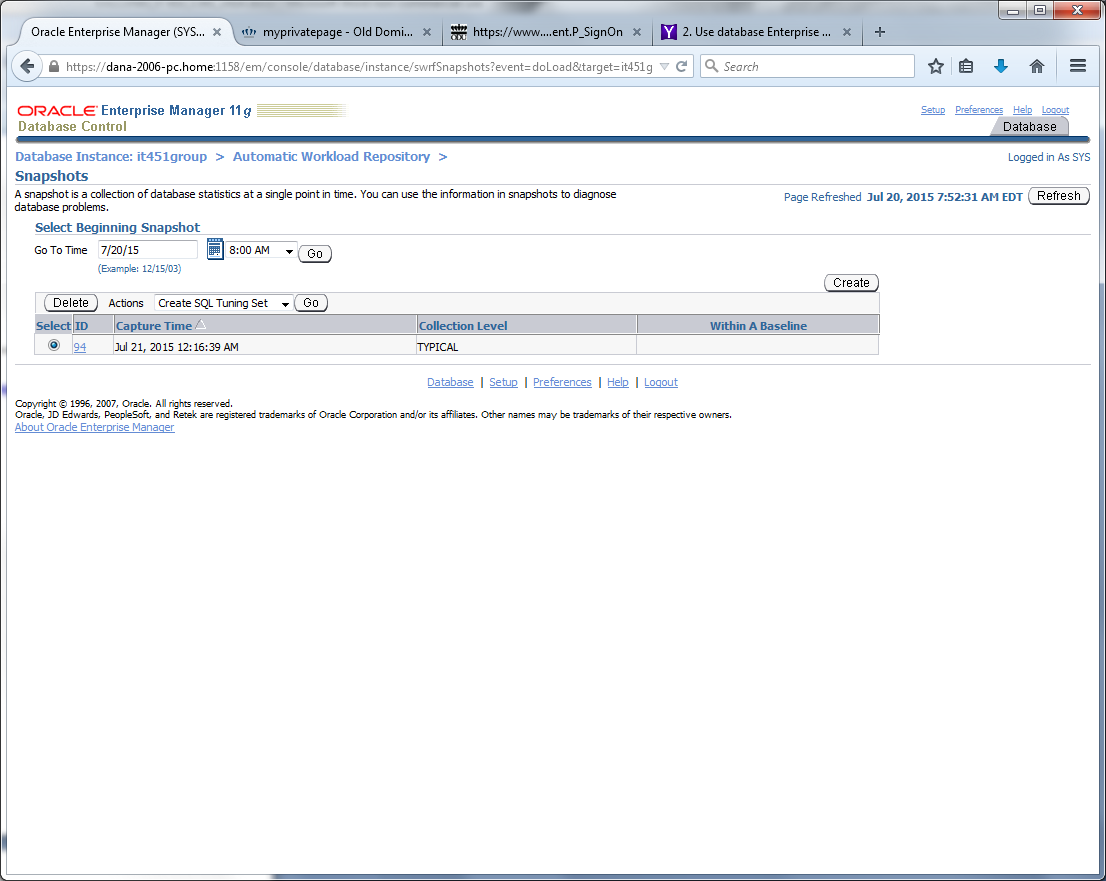
**>AWR baselines**

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**EM >Server Tab**

**>Automatic Workload Repository**

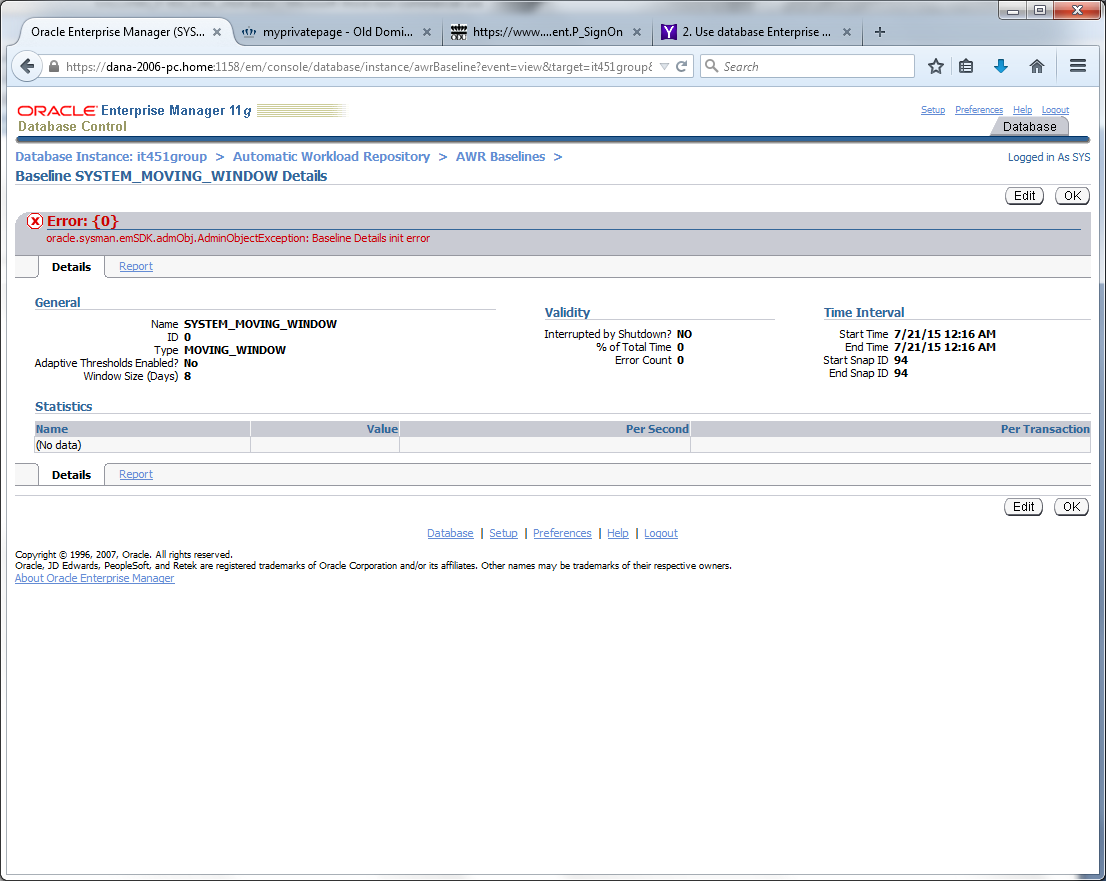
**>snapshot reports**

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**EM >Server Tab**

**>Automatic Workload Repository**

**>system moving window**

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