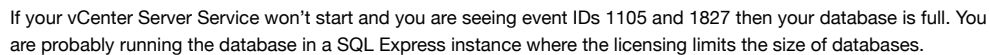


**(<http://www.stopdoingitwrong.co.uk/>)**

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If the vCenter Server Service is running then stop it before you carry out any of these and also ensure you have a good backup.

## Categories

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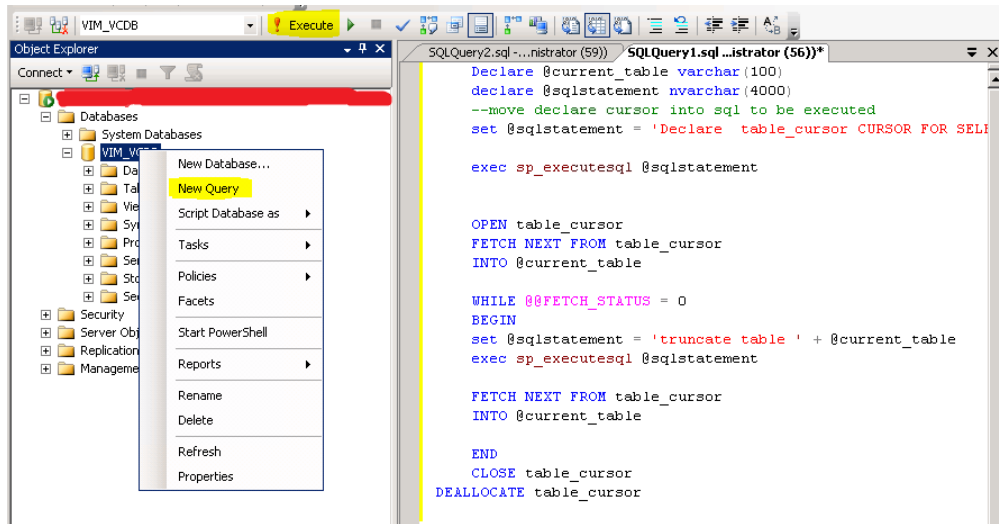





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(<http://www.stopdoingitwrong.co.uk/wp-content/uploads/2013/05/VCSQLQue1.png>)

Copy the following into the right hand pane and click 'execute'.

```

Declare @current_table varchar(100)
declare @sqlstatement nvarchar(4000)
--move declare cursor into sql to be executed
set @sqlstatement = 'Declare table_cursor CURSOR FOR SELECT name FROM sys.tables where name like ''VPX_HI%' or name like ''VPX_SAMPLE%'

exec sp_executesql @sqlstatement

OPEN table_cursor
FETCH NEXT FROM table_cursor
INTO @current_table

WHILE @@FETCH_STATUS = 0
BEGIN
set @sqlstatement = 'truncate table ' + @current_table
exec sp_executesql @sqlstatement

FETCH NEXT FROM table_cursor
INTO @current_table

END
CLOSE table_cursor
DEALLOCATE table_cursor
  
```

1.3 Start the vCenter Server Service.

## 2. Purge old data from the database

2.1 Connect to the database with SQL Server Management Studio.

2.2 Expand 'databases' -> 'VIM\_VCDB' -> 'Tables' and locate 'dbo.VPX\_Parameter', right click on it and click 'Edit Top 200 Rows'.

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2.3 Edit the rows 'event.maxAge' and 'event.maxAgeEnabled' as per below.

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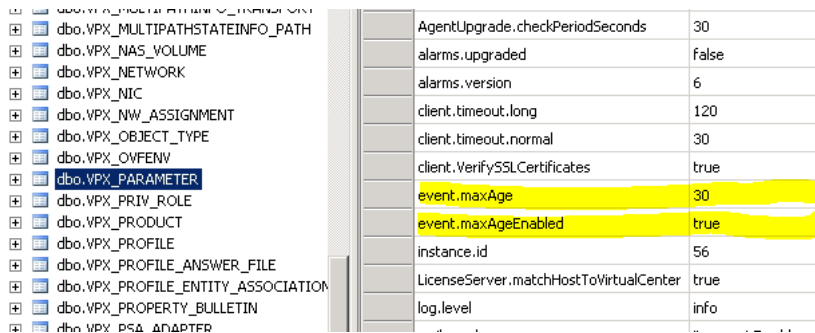
(<http://www.stopdoingitwrong.co.uk/category/caories/vmware/>)

Windows Server

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WordPress

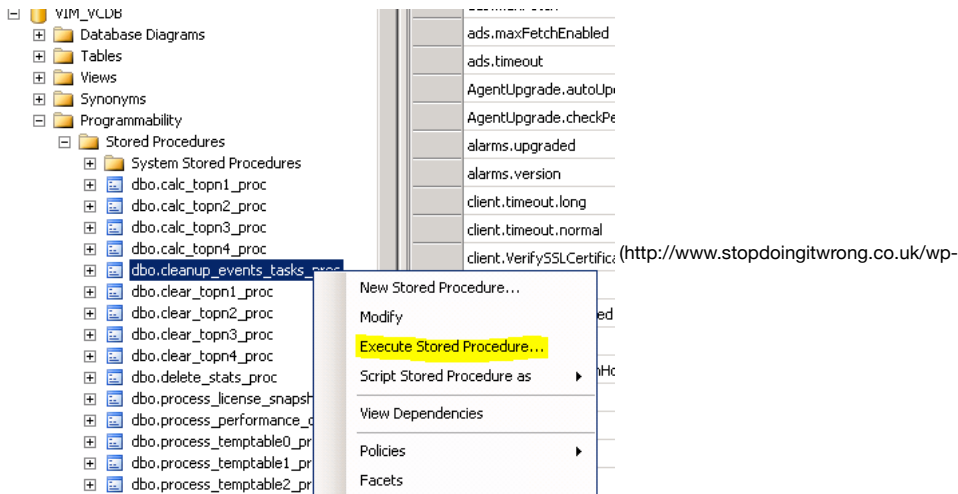
(<http://www.stopdoingitwrong.co.uk/category/caories/wordpress-categories/>)



dbo.VPX_MULTIPATHSTATEINFO_PATH	AgentUpgrade.checkPeriodSeconds	30
dbo.VPX_NAS_VOLUME	alarms.upgraded	false
dbo.VPX_NETWORK	alarms.version	6
dbo.VPX_NIC	client.timeout.long	120
dbo.VPX_NW_ASSIGNMENT	client.timeout.normal	30
dbo.VPX_OBJECT_TYPE	client.VerifySSLCertificates	true
dbo.VPX_OVFENV	event.maxAge	30
dbo.VPX_PARAMETER	event.maxAgeEnabled	true
dbo.VPX_PRIV_ROLE	instance.id	56
dbo.VPX_PRODUCT	LicenseServer.matchHostToVirtualCenter	true
dbo.VPX_PROFILE	log.level	info
dbo.VPX_PROFILE_ANSWER_FILE		
dbo.VPX_PROFILE_ENTITY_ASSOCIATION		
dbo.VPX_PROPERTY_BULLETIN		
dbo.VPX_PSD_ADAPTER		

(<http://www.stopdoingitwrong.co.uk/wp-content/uploads/2013/05/VCSQLtab.png>)

2.4 Navigate to 'VIM\_VCDB' -> 'Programmability' -> 'Stored Procedures' and right click on 'dbo.cleanup\_events\_tasks\_proc' then click 'Execute Stored Procedure'. This will purge old task and event data from the database and may take some time.



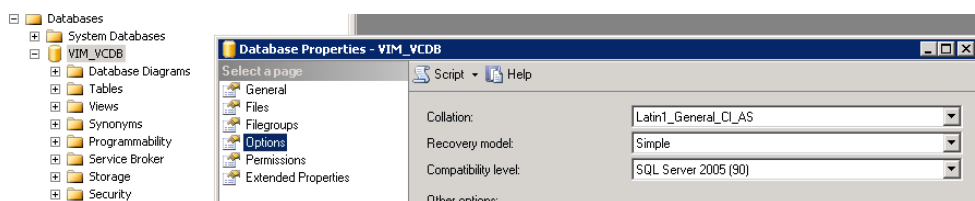
content/uploads/2013/05/VCSQLSto.png)

2.5 Start the vCenter Server Service.

### 3. Shrink the SQL database

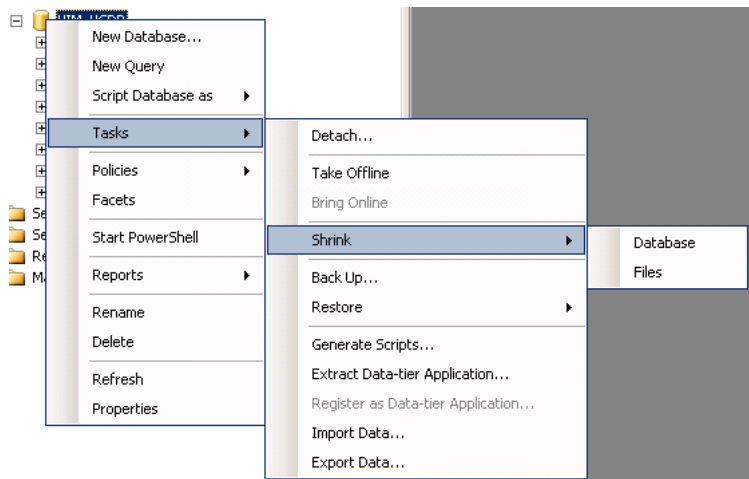
3.1 As before connect using SQL Server Management Studio.

3.2 Right click on the VIM\_VCDB database and click properties. Under options set the 'Recovery model' to 'Simple' and click OK.



(<http://www.stopdoingitwrong.co.uk/wp-content/uploads/2013/05/VCSQLRec.png>)

3.3 Right click on 'VIM\_VCDB' and go to 'Tasks' -> 'Shrink' -> 'Database'.



(<http://www.stopdoingitwrong.co.uk/wp-content/uploads/2013/05/VCSQLShr.png>)

3.4 Click on OK to shrink the database.

3.5 Start the vCenter Server Service.

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## 13 thoughts on “VMware vCenter Server 5.1 Database is Full”



**Jay2ayo says:**

October 14, 2015 at 4:04 pm (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment-199070>)

Hi,  
Many thanks for the excellent write up and willingness to share,i followed the steps in the article it works like charm.  
Please keep it up .  
Cheers!!!

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replytocom=199070#respo>)



**Doug says:**

July 9, 2015 at 5:20 am (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment-169927>)

Thanks so much for this! I found VMware's KB article(s) about this, and this is much easier to digest and just as helpful as others have mentioned #2 was what actually freed an appreciable amount of space up, with the added bonus of preventing these events from filling up the DB again.

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replytocom=169927#respo>)



**Nicolas** (<http://www.telefonicaelsur.cl>) says:

June 11, 2015 at 3:33 pm (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment155494>)

Muchas gracias! vCenter levantó sin problemas.

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replytocom=155494#respo>)



**Rene Skriver** says:

January 5, 2015 at 7:36 am (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment85989>)

Thank you sir. This got my vCenter server up and running again, after many other failed attempts.

What differs in this guide from the others I've tried is the dbo.cleanup\_events\_tasks\_proc, so I believe this is the golden egg.

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replytocom=85989#respon>)

Pingback: VMware vCenter Server 5.1 Database is Full | ITSolutionDesign  
(<http://itsolutiondesign.wordpress.com/2014/12/10/vmware-vcenter-server-5-1-database-is-full/>)



**Godwin A** says:

October 31, 2014 at 4:20 pm (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment46712>)

great work.this procedure definitely worked to stop the continous crashing of vCenter Server service..

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replytocom=46712#respon>)



**Kora Bhatt** (<http://nowebsite>) says:

October 28, 2014 at 7:29 am (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment45259>)

Hi

Thanks for the article. Is this applicable to vcenter 5.0 as well ?  
We use vcenter 5.0 and utilization of vim\_vcdb is 9700M

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replytocom=45259#respon>)



**RobBot** says:

October 28, 2014 at 4:14 pm (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment45425>)

Hi,

Yes works fine on vCenter 5.0, 5.1, 5.5 not sure on earlier than that but 4.1 is unsupported now anyway.

Thanks for reading.

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replyto=4542>)



**Cesar says:**

September 17, 2014 at 12:31 am (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment-27218>)

Thank you for this post and your hard work.

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replyto=27218#respond>)



**Lewis (<http://www.freemcptraining.com>) says:**

August 19, 2014 at 2:59 am (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment-15756>)

Hi, I found that running the vCenter rollup jobs fixed my database size as suggested here:

<http://www.itsupportforum.net/topic/vmware-vcenter-database-is-huge/> (<http://www.itsupportforum.net/topic/vmware-vcenter-database-is-huge/>)

Basically, my colleague had migrated my vCenter DB, but hadn't moved the jobs. We had to recreate them and run the

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replyto=15756#respond>)



**Dmitriy Dvoryanchuk says:**

May 3, 2014 at 7:28 pm (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment-774>)

The last step didn't free up the space for me, I had to manually execute the query:

```
DBCC SHRINKDATABASE ( VIM_VCDB , 5);
```

Thanks for the excellent writeup!

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replyto=774#respond>)



**Marco says:**

April 23, 2014 at 11:30 pm (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment-762>)

Thx for the `dbo.cleanup_events_tasks_proc` hint, I wasn't able to release space with any other steps, only manually execute `dbo.cleanup_events_tasks_proc` was releasing 8 GB!

Reply (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replyto=762#respond>)



**Chris Smallwood says:**

April 11, 2014 at 8:59 pm (<http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/#comment759>)

I really appreciated this write up. I have been struggling with this for months. Nothing that I have tried up until this point has helped much at all. This article freed up almost 50% of the DB!!! Thank you!!

[Reply \(http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replytocom=759#respond\)](http://www.stopdoingitwrong.co.uk/vmware-vcenter-server-5-1-database-is-full/?replytocom=759#respond)

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