

## Ceph - Documentation #5058

### docs/master/dev/osd\_internals updates

05/13/2013 11:45 PM - Loic Dachary

<b>Status:</b>	Resolved	<b>Start date:</b>	05/13/2013
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Loic Dachary	<b>% Done:</b>	100%
<b>Category:</b>	common	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	1.50 hour
<b>Tags:</b>		<b>Affected Versions:</b>	
<b>Backport:</b>		<b>Pull request ID:</b>	
<b>Reviewed:</b>			

#### Description

[work in progress](#)

- See OSD::handle\_pg\_(notify|info|log|query) relates to a function that has apparently been replaced by react() methods such as <https://github.com/ceph/ceph/blob/master/src/osd/PG.cc#L6040>
- [pull request](#)
  - [http://ceph.com/docs/master/dev/osd\\_internals/map\\_message\\_handling/](http://ceph.com/docs/master/dev/osd_internals/map_message_handling/) says : "OSD::enqueue\_op calls PG::queue\_op which checks can\_discard\_request before queuing the op in the op\_queue and the PG in the OpWQ."
  - OSD::handle\_op calls op\_is\_discardable which discards disconnected clients
  - "DeletingState allows you to register a callback to be called when the deletion is finally complete. See PG::start\_flush." but start\_flush does not directly show a callback registration. When this sentence was written there was a call to [register\\_on\\_delete](#) which was a [method of DeletingState](#) at the time.

#### Associated revisions

##### Revision dbddffef - 05/14/2013 08:44 PM - Loic Dachary

update op added to a waiting queue or discarded

The decision to discard an op happens either in OSD or in PG.

The operation queue goes to a single OpWQ object if waiting\_map does not impose a delay op\_queue.

The decision to add an op to a waiting queue regardless of its type is updated.

The decision to add a CEPH\_MSG\_OSD\_OP to a waiting queue is described in full.

<http://tracker.ceph.com/issues/5058> refs #5058

Signed-off-by: Loic Dachary <[loic@dachary.org](mailto:loic@dachary.org)>

##### Revision b7d4012c - 05/14/2013 08:46 PM - Loic Dachary

typo s/come/some/

<http://tracker.ceph.com/issues/5058> refs #5058

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##### Revision 1c53991e - 05/14/2013 08:46 PM - Loic Dachary

fix typos and add hyperlink to peering

s/:/  
s/up\_acting\_affected/acting\_up\_affected/  
Add relative link to ../peering

<http://tracker.ceph.com/issues/5058> refs #5058

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#### **Revision 2a4425af - 05/14/2013 08:46 PM - Loic Dachary**

reflect recent changes in the pg deletion logic

No need to wait on DeletingStateRef for flush <https://github.com/ceph/ceph/commit/d3dd99b725afaa026fe6f700ddc14a7f657f2170>  
Fix typos

<http://tracker.ceph.com/issues/5058> refs #5058

Signed-off-by: Loic Dachary <[loic@dachary.org](mailto:loic@dachary.org)>

## **History**

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### **#1 - 05/13/2013 11:46 PM - Loic Dachary**

- *Description updated*

### **#2 - 05/13/2013 11:57 PM - Loic Dachary**

- *Description updated*

### **#3 - 05/14/2013 02:02 AM - Loic Dachary**

- *Description updated*

- *% Done changed from 0 to 10*

### **#4 - 05/14/2013 05:54 AM - Loic Dachary**

- *Description updated*

### **#5 - 05/14/2013 06:21 AM - Loic Dachary**

- *Description updated*

### **#6 - 05/14/2013 06:48 AM - Loic Dachary**

- *Description updated*

### **#7 - 05/14/2013 01:58 PM - Loic Dachary**

- *% Done changed from 10 to 70*

Sam Just says : Some of the details of the PG op queueing have changed again in next. See <fd90105>

### **#8 - 09/26/2013 03:06 AM - Loic Dachary**

- *Status changed from In Progress to Resolved*

- *% Done changed from 70 to 100*

This has been transformed into an ongoing update process with no designated issue to track progress.