

## rgw - Bug #41169

### beast frontend throws an exception when running out of FDs

08/08/2019 03:38 PM - Yuval Lifshitz

<b>Status:</b>	Resolved	<b>% Done:</b>	0%
<b>Priority:</b>	High	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	Yuval Lifshitz		
<b>Category:</b>			
<b>Target version:</b>			
<b>Source:</b>	Development	<b>Affected Versions:</b>	
<b>Tags:</b>	beast	<b>ceph-qa-suite:</b>	
<b>Backport:</b>	luminous mimic nautilus	<b>Pull request ID:</b>	29587
<b>Regression:</b>	No	<b>Crash signature (v1):</b>	
<b>Severity:</b>	3 - minor	<b>Crash signature (v2):</b>	
<b>Reviewed:</b>			

#### Description

the problem could be transient, and later connections may be successful after the load goes down.

to reproduce the issue you can set:

```
ulimit -n 128
```

and execute multiple clients in parallel.

code is here: [https://github.com/ceph/ceph/blob/master/src/rgw/rgw\\_asio\\_frontend.cc#L570](https://github.com/ceph/ceph/blob/master/src/rgw/rgw_asio_frontend.cc#L570)

```
void AsioFrontend::accept(Listener& l, boost::system::error_code ec)
{
    if (!l.acceptor.is_open()) {
        return;
    } else if (ec == boost::asio::error::operation_aborted) {
        return;
    } else if (ec) {
        throw ec;
    }
}
```

#### Related issues:

Copied to rgw - Backport #41265: mimic: beast frontend throws an exception wh...	<b>Resolved</b>
Copied to rgw - Backport #41266: luminous: beast frontend throws an exception...	<b>Resolved</b>
Copied to rgw - Backport #41267: nautilus: beast frontend throws an exception...	<b>Resolved</b>

#### History

##### #1 - 08/08/2019 11:28 PM - Brad Hubbard

- Project changed from Ceph to rgw

##### #2 - 08/11/2019 06:54 AM - Yuval Lifshitz

- Assignee set to Yuval Lifshitz

##### #3 - 08/12/2019 01:23 PM - Casey Bodley

- Status changed from New to 7

- Tags set to beast

- Backport set to *luminous mimic nautilus*

- Pull request ID set to 29587

**#4 - 08/13/2019 03:58 PM - Casey Bodley**

- Status changed from 7 to *Pending Backport*

- Priority changed from *Normal* to *High*

**#5 - 08/15/2019 09:07 AM - Nathan Cutler**

- Copied to Backport #41265: *mimic: beast frontend throws an exception when running out of FDs added*

**#6 - 08/15/2019 09:07 AM - Nathan Cutler**

- Copied to Backport #41266: *luminous: beast frontend throws an exception when running out of FDs added*

**#7 - 08/15/2019 09:07 AM - Nathan Cutler**

- Copied to Backport #41267: *nautilus: beast frontend throws an exception when running out of FDs added*

**#8 - 10/23/2019 11:04 AM - Nathan Cutler**

- Status changed from *Pending Backport* to *Resolved*

While running with `--resolve-parent`, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".