rgw - Bug #39038
beast: multiple v4 and v6 endpoints with the same port will cause failure
03/29/2019 04:55 PM - Abhishek Lekshmanan

Status: Resolved
Priority: Normal
Assignee: Abhishek Lekshmanan
Category: Target version:
Source: Affected Versions:
Tags: Backport: nautilus
Regression: No
Severity: 3 - minor
Reviewed: Crash signature (v1):
Crash signature (v2):

Description
currently the following combinations are known to fail:
rgw frontends = beast endpoint=[::]:8000 endpoint=0.0.0.0:8000
rgw frontends = beast port=8000 endpoint=[::]:8000
with something like:

2019-03-29 17:22:29.728 7f15db9e9900 4 frontend listening on 0.0.0.0:8000
2019-03-29 17:22:29.728 7f15db9e9900 -1 failed to bind address [::]:8000: Address already in use

As the systemflag for bindv6only (cat /proc/sys/net/ipv6/bindv6only to check) is usually true for many Linux systems, specifying both v4 and v6 addresses will mean that configuration has to be aware of the flag and set only v6 for eg. A better behaviour here would be to be explicit here and only bind to v4 or v6 addresses as configured so that configuration remains explicit.

Related issues:
Duplicated by rgw - Bug #39321: rgw: Beast frontend listens on IPv4 only by d...
Duplicate 04/16/2019
Copied to rgw - Backport #39746: nautilus: beast: multiple v4 and v6 endpoint... Resolved

History
#1 - 04/03/2019 03:52 PM - Matt Benjamin
@abhishek, is there a strong reason not to backport as far as luminous?

Matt

#2 - 04/03/2019 04:31 PM - Abhishek Lekshmanan
- Backport changed from nautilus to nautilus, mimic

for luminous the only thing was beast was an experimental feature, otherwise I can mark it for l as well, given that people upgrading from luminous -> nautilus then can get by without needing to change the configuration.

#3 - 04/04/2019 08:54 PM - Casey Bodley
- Backport changed from nautilus, mimic to nautilus, mimic, luminous

i've been backporting other beast features (ie ssl support) to luminous anyway to encourage early adoption - tagged for backport
#4 - 04/11/2019 05:52 PM - Matt Benjamin
- Status changed from New to 7

https://github.com/ceph/ceph/pull/27270

#5 - 04/18/2019 05:42 PM - Casey Bodley
- Backport changed from nautilus, mimic, luminous to nautilus

#6 - 05/09/2019 04:37 PM - Nathan Cutler
- Pull request ID set to 27270

#7 - 05/09/2019 05:38 PM - Casey Bodley
- Duplicated by Bug #39321: rgw: Beast frontend listens on IPv4 only by default added

#8 - 05/13/2019 02:03 PM - Casey Bodley
- Status changed from 7 to Pending Backport

#9 - 05/14/2019 11:42 AM - Nathan Cutler
- Copied to Backport #39746: nautilus: beast: multiple v4 and v6 endpoints with the same port will cause failure added

#10 - 06/20/2019 08:39 AM - Nathan Cutler
- Status changed from Pending Backport to Resolved