

## FreeNAS - Bug #47268

### Improve feature detection in py-libzfs

09/19/2018 07:32 AM - Waqar Ahmed

<b>Status:</b> Done	
<b>Priority:</b> No priority	
<b>Assignee:</b> Waqar Ahmed	
<b>Category:</b> Middleware	
<b>Target version:</b> 11.3-ALPHA1	
<b>Seen in:</b> Master - FreeNAS Nightlies	<b>Needs Merging:</b> No
<b>Severity:</b> Medium	<b>Needs Automation:</b> No
<b>Reason for Closing:</b>	<b>Support Suite Ticket:</b> n/a
<b>Reason for Blocked:</b>	<b>Hardware Configuration:</b>
<b>Needs QA:</b> No	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b> No	
<b>Description</b> Currently feature detection is made using freebsd numerical version (uname -K), that is fragile and hard to maintain. We would like to improve this possibly using autoconf so it can detect the features by trying to compile small tests softwares.	
<b>Risk</b> We risk breaking current feature detection in py-libzfs	
<b>Acceptance Criteria</b> Feature detection should be working in py-libzfs and we should have a more neat way of doing it instead of using uname -K. ( Different sections will be updated as the ticket progresses )	

#### Associated revisions

**Revision b98cb884 - 09/27/2018 08:14 AM - Waqar Ahmed**

Improve feature detection

This commit adds support for building py-libzfs with autoconf. Till now tests for header file 'zfs.h' have been completed.  
Ticket: #47268

#### History

**#1 - 09/19/2018 07:40 AM - William Grzybowski**

- Target version changed from Backlog to 11.3

**#2 - 09/19/2018 06:17 PM - Waqar Ahmed**

- Status changed from Unscreened to Not Started

**#3 - 09/21/2018 04:19 AM - Waqar Ahmed**

- Status changed from Not Started to In Progress

**#4 - 10/02/2018 09:43 PM - Waqar Ahmed**

- Status changed from In Progress to Ready for Testing

- Needs QA changed from Yes to No

- Needs Doc changed from Yes to No

- Needs Merging changed from Yes to No

PR - <https://github.com/freenas/py-libzfs/pull/19>

**#5 - 10/03/2018 04:51 AM - William Grzybowski**

- Status changed from Ready for Testing to Done

No QA needed here.

**#6 - 01/21/2019 11:00 AM - Dru Lavigne**

- Target version changed from 11.3 to 11.3-BETA1

**#7 - 04/02/2019 08:21 AM - Dru Lavigne**

- Target version changed from 11.3-BETA1 to 11.3-ALPHA1