

## FreeNAS - Bug #28566

### Do not allow underscores in hostname

02/16/2018 05:30 PM - Dr K K

<b>Status:</b> Done	
<b>Priority:</b> Nice to have	
<b>Assignee:</b> Brandon Schneider	
<b>Category:</b> Middleware	
<b>Target version:</b> 11.2-BETA1	
<b>Seen in:</b> 11.1-U2	<b>Needs Merging:</b> No
<b>Severity:</b> New	<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	

**Description**

<https://forums.freenas.org/index.php?threads/bogus-host-name.61677/>

User was allowed to enter the underscore character in the GUI setting for hostname; underscores are not permitted, causes error to be reported in log.

Solution: The input should be sanitized to allow only alnum, hyphen, and dot.

-DrKK

#### Associated revisions

##### Revision 05876a49 - 02/22/2018 10:33 AM - Brandon Schneider

fix(gui): Do not allow underscores in hostname

Ticket: #28566

##### Revision 04bd01f9 - 02/23/2018 05:07 AM - Brandon Schneider

fix(gui): Do not allow underscores in hostname (#893)

Ticket: #28566

##### Revision fe2e70a0 - 05/07/2018 11:26 AM - Dru Lavigne

Doc hostname limitation.

Ticket: #28566

##### Revision 70b30460 - 05/07/2018 11:29 AM - Dru Lavigne

Doc hostname limitation.

Ticket: #28566

#### History

#1 - 02/16/2018 05:31 PM - Dr K K

- Seen in changed from 11.0-U5 to 11.1-U2

**#2 - 02/18/2018 05:11 PM - Timur Bakeyev**

The correct hostname regexp should look something like:

```
/^(([a-z0-9]|[a-z0-9][a-z0-9\-\]*[a-z0-9])\.)*([a-z0-9]|[a-z0-9][a-z0-9\-\]*[a-z0-9])$/
```

**#3 - 02/19/2018 02:40 PM - Dru Lavigne**

- Category set to *Middleware*
- Assignee changed from *Release Council* to *William Grzybowski*
- Target version set to *11.2-RC2*

William: if a middleware piece is not needed, please pass to Erin for the new UI.

**#4 - 02/20/2018 04:23 AM - William Grzybowski**

- Assignee changed from *William Grzybowski* to *Brandon Schneider*

**#5 - 02/20/2018 07:44 AM - Kris Moore**

- Due date set to *02/23/2018*

**#6 - 02/22/2018 11:51 AM - Brandon Schneider**

- Status changed from *Not Started* to *In Progress*

**#7 - 02/23/2018 06:39 AM - Dru Lavigne**

- Subject changed from *sanitization of hostname input box* to *Do not allow underscores in hostname*
- Status changed from *In Progress* to *Done*
- Target version changed from *11.2-RC2* to *11.2-BETA1*
- Needs Merging changed from *Yes* to *No*

**#8 - 05/02/2018 05:41 AM - Dru Lavigne**

- Status changed from *Done* to *Ready for Testing*

**#9 - 05/02/2018 03:00 PM - Timur Bakeyev**

- Severity set to *New*

I wonder, why this REGEXP wasn't used. It's the correct, RFC-compliant one, so prevents hostnames like *-hostname*, *-0*, etc. Applied REGEXP is still too broad.

Timur Bakeyev wrote:

The correct hostname regexp should look something like:

```
/^([a-z0-9][a-z0-9][a-z0-9\-\]*[a-z0-9])\.)*([a-z0-9][a-z0-9][a-z0-9\-\]*[a-z0-9])$/
```

**#10 - 05/03/2018 01:09 PM - Dru Lavigne**

- Status changed from Ready for Testing to Unscreened

**#11 - 05/03/2018 01:36 PM - William Grzybowski**

- Status changed from Unscreened to Ready for Testing

It was not used because the change was simple enough, we have no intent in using mystical regexp.

We may revisit this in the future if another issue arises.

**#12 - 05/07/2018 11:30 AM - Dru Lavigne**

- Needs Doc changed from Yes to No

New UI doc commit: <https://github.com/freenas/freenas-docs/commit/fe2e70a0506d8e310a5102f40b5cd955a9d4bfac>

Legacy UI doc commit: <https://github.com/freenas/freenas-docs/commit/70b304605618cb3cb83af0d531a476077ce71c08>

**#13 - 06/06/2018 01:56 PM - Ethan Large**

- Status changed from Ready for Testing to Passed Testing

- Needs QA changed from Yes to No

Tested with FreeNAS-11.2-MASTER-201806060445-62522c5.iso.

Working as intended. Attempting to enter a hostname with an underscore or other invalid characters will result in an error message and an inability to save the name.

**#14 - 06/06/2018 04:58 PM - Dru Lavigne**

- Status changed from Passed Testing to Done