

Why do I get "Bad configuration option gssapikexchange" after upgrading macOS?

Q: Why do I get "Bad configuration option gssapikexchange" after upgrading macOS?

- After upgrading macOS and attempting to run ssh, you may see an error message like:

```
dhcp-18-111-116-122:~ username$ ssh username@athena.dialup.mit.edu
/Users/username/.ssh/config: line 2: Bad configuration option: gssapikexchange
/Users/username/.ssh/config: terminating, 1 bad configuration options
```

or

```
/etc/ssh/ssh_config: line 20: Bad configuration option: gssapikexchange
/etc/ssh/ssh_config: terminating, 1 bad configuration options
```

How do I fix this?

Context

- You have a pre-existing `.ssh/config` or `/etc/ssh/ssh_config` file, possibly with a `GSSAPIKeyExchange no` setting that was previously required

Answer

- Remove or comment out lines containing `GSSAPIKeyExchange`

Steps

For Unix neophytes here are steps to edit the `ssh_config` file using the `vi` editor on Mac:

```
sudo vi /etc/ssh/ssh_config
```

1. Press `i` key for `vi` editor insert mode.
2. Use arrow keys to navigate to lines you want to delete or comment.
For example, to comment the offending line in an `ssh_config` script:

```
# GSSAPIKeyExchange yes
```

3. Press `esc`
4. Type `Shift-z-z` to write the file

update 9/11/2019

Comment the following lines in `/etc/ssh/ssh_config` from

1. System-wide defaults set by MIT Kerberos Extras
Host *
GSSAPIAuthentication yes
GSSAPIDelegateCredentials yes
GSSAPIKeyExchange yes
to

1. System-wide defaults set by MIT Kerberos Extras
 - #Host *
 - #GSSAPIAuthentication yes
 - #GSSAPIDelegateCredentials yes
 - #GSSAPIKeyExchange yes