

OpenNebula - Bug #4304

AltGr Key not working in vnc-console with KVM and german keyboard

01/21/2016 04:14 PM - Peter Loeffler

Status:	Closed	Start date:	01/21/2016
Priority:	High	Due date:	
Assignee:	Juan Jose Montiel Cano	% Done:	0%
Category:	Sunstone	Estimated time:	0.00 hour
Target version:	Release 5.4	Pull request:	
Resolution:	fixed		
Affected Versions:	Development, OpenNebula 4.14, OpenNebula 5.0		
Description			
<p>Hi,</p> <p>the key AltGr (right alt key) is not working in the vnc-console.</p> <p>This is very bad for users with a german keymap because without it no @, , \, {, }, ... is working.</p> <p>Googling this problem with novnc and kvm you can find a lot of notes but none of them are helping.</p> <p>From the novnc-side this issue should be fixed since 0.5.1. Maybe it's a libvirt/qemu problem.</p> <p>Regards, Peter</p>			

History

#1 - 04/08/2016 01:56 PM - Steffen Limmer

Hello,

i have the same problem (using iceweasel 38.6.1). I tried to debug the noVNC code and found the following lines in the keyboard.js from noVNC:

```
// Firefox sends keypress even when no char is generated.  
// so, if keypress keysym is the same as we'd have guessed from keydown,  
// the modifier didn't have any effect, and should not be escaped  
if (queue[0].escape && (!cur.keysym || cur.keysym.keysym !== queue[0].keysym.keysym)) {  
    cur.escape = queue[0].escape;  
}
```

When i comment this out and run Sunstone in development mode, AltGr is working for me.

Additionally, there is no problem with AltGr when i connect with vncviewer. So it seems to be an issue with noVNC?

Hope, this information will help to fix the bug.

Kind Regards,

Steffen

#2 - 04/08/2016 02:16 PM - Daniel Molina

- Status changed from Pending to New

Hi Steffen,

Thank you for the detailed solution. Since this is not part of the Sunstone code, would you mind to report this issue in the noVNC Github?

#3 - 04/08/2016 02:46 PM - Steffen Limmer

Hello Daniel,

i opened an issue (<https://github.com/kanaka/noVNC/issues/595>). But there is already a quite similar issue, that was closed (<https://github.com/kanaka/noVNC/issues/429>).

Regards,
Steffen

#4 - 08/17/2016 01:46 PM - Yannick MOLINET

same with french keyboard.

#5 - 10/03/2016 01:20 PM - Carlos Martín

- *Category set to Sunstone*
- *Priority changed from Normal to High*
- *Target version set to Release 5.4*
- *Affected Versions Development, OpenNebula 5.0 added*

To consider:

- novnc can be updated, but the new version may require some changes in our code (see: <https://github.com/kanaka/noVNC/releases>)
- our current version (0.5.1) can be replaced with the fork mentioned here: <https://github.com/kanaka/noVNC/issues/21>

In both cases it looks like removing the graphics/keymap attribute from libvirt's xml is required to make it work.

#6 - 03/29/2017 02:56 PM - Tino Vázquez

- *Assignee set to Juan Jose Montiel Cano*

#7 - 05/25/2017 05:08 PM - Javi Fontan

- *Status changed from New to Closed*
- *Resolution set to fixed*

The patch suggested by Steffen Limmer works and will be applied in newer releases.