**#17179** -<https://redmine.vnc.biz/issues/17179>

1. **Description**:

If for example the internet (or WiFI) connection goes down, the jappix mini client gets into an error state, because he cannot reach the XMPP server anymore.

To avoid the need to reload the whole website again, implement a mechanism to reconnect to the xmpp server in random periods between (3,30) seconds.

Example:

* reconnect after $RND seconds, where 3 <= RND <= 30.

1. **Analytic**
   1. **Root cause:**

The jappix mini client will reconnect 100 times with duration 1s, and will not connect auto after that.

When server disconnected, the window roster should be hide and show message “Please wait...”

* 1. **Solution:**

Solution:

+ Create a random number from 3 to 30

Math.floor(Math.random() \* 28) + 3;

+ Reconnect to server with deplay random number

+ Pushed to ticket-17179 and release\_2.2.0

+Add code for window roster and push to ticket-17179 and release\_2.3.0

1. **Implement**

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| ~/VNCtalk/prosody-packaging/mini/javascripts/mini.js  …  **Replace from self.disconnected (8721 -8735)**  **else if (MINI\_CONNECT\_ERROR) {**  **var response = AjxRpc.invoke("", "/service/zimlet/biz\_zcs\_vnc\_talk\_zimlet/zcsvnctalkzimletgetsecret.jsp");**  **if (response.success == true)**  **{**  **var secret= AjxStringUtil.trim(response.text);**  **console.log("secret", secret);**  **MINI\_PASSWORD = secret;**  **}**  **//self.connect(MINI\_DOMAIN, MINI\_USER, MINI\_PASSWORD);**  **launchMini(true, MINI\_SHOWPANE, MINI\_DOMAIN, MINI\_USER, MINI\_PASSWORD);**  **// Reset markers**  **MINI\_DISCONNECT = false;**  **MINI\_INITIALIZED = false;**  **MINI\_CONNECT\_ERROR = false;**  **To**  **self.hideRoster()**  **jQuery('#jappix\_mini a.jm\_pane.jm\_button span.jm\_counter').text(JappixCommon.\_e("Please wait..."));**  **else if (MINI\_CONNECT\_ERROR) {**  **var randomSecond = 2;**  **// lost connect when using, random between 3-30 to reconnect**  **if(MINI\_INITIALIZED) {**  **randomSecond = Math.floor(Math.random() \* 28) + 3;**  **}**  **// Set timer**  **jQuery('#jappix\_mini').oneTime(randomSecond \* 1000, function() {**  **try {**  **var response = AjxRpc.invoke("", "/service/zimlet/biz\_zcs\_vnc\_talk\_zimlet/zcsvnctalkzimletgetsecret.jsp");**  **if (response.success == true)**  **{**  **var secret= AjxStringUtil.trim(response.text);**  **console.log("secret", secret);**  **MINI\_PASSWORD = secret;**  **}**  **} catch(e) {**  **JappixConsole.error('JappixMini.getLastestTokenFromServer', e);**  **}**  **self.connect(MINI\_DOMAIN, MINI\_USER, MINI\_PASSWORD);**  **//launchMini(true, MINI\_SHOWPANE, MINI\_DOMAIN, MINI\_USER, MINI\_PASSWORD);**  **// Reset markers**  **MINI\_CONNECT\_ERROR = false;**  **});** |
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