**#16050** - <https://redmine.vnc.biz/issues/15614>

1. **Description**:

* Add file transfer support to VNCtalk

1. Enable file transfer feature on source code.
2. Send over 10MB
3. Make popup notify when file over 10MB
4. **Analytic**
   1. **Root cause**:
   2. **Solutions**:

* Enable file transfer button and edit css.
* Adjust file transfer argument “chunksize” and “pacing” can send over 10MB
* Build and install "zcs-vnc-talk\_2.1.0-ironmaiden-0\_all.deb"

1. **Implementation**
   1. **Code:**

* Enable file transfer button and edit css.

prosody-packaging/mini/javascripts/mini.js

|  |
| --- |
| if(type == 'groupchat')  html += '<a class="jm\_one-action jm\_invite\_people" title="' +JappixCommon.\_e("Invite people") + '" href="#"></a>';  html += '<a class="jm\_one-action jm\_start\_video\_chat" title="' +JappixCommon.\_e("Start Video Chat") + '" href="#"></a>';  html += '<a class="jm\_one-action jm\_start\_file\_transfer" title="' +JappixCommon.\_e("Send file") + '" href="#"></a>';  html += '<a class="jm\_one-action jm\_close jm\_images" title="' + JappixCommon.\_e("Close") + '" href="#"></a>';  } |

prosody-packaging/mini/stylesheets/mini.css

|  |
| --- |
| #jappix\_mini .jm\_start\_file\_transfer {  position: absolute;  right: 22px;  padding-left: 6px;  background-image: url(../images/sprites/sendfile.png);  background-repeat: no-repeat;  background-position:3px 1px;  #jappix\_mini .jm\_start\_video\_chat {  position: absolute;  right: 44px;  padding-left: 8px;  background-image: url(../images/sprites/video\_chat.png);  background-repeat: no-repeat;  background-position:4px 1px  }  #jappix\_mini .jm\_invite\_people {  position: absolute;  right: 68px;  /\*border-left: 1px solid #fff;\*/  padding-left: 10px;  background-image: url(../images/sprites/invite-people.png);  } |

* Adjust file transfer argument “chunksize” and “pacing” can send over 10MB

prosody-packaging/mini/javascripts/stanzaio.bundle.js

|  |
| --- |
| this.config = {  chunksize: 16384,  pacing: 250, // default 10  hash: 'sha-1' // note: this uses iana hash names  }; |

prosody-packaging/mini/javascripts/mini.js

|  |
| --- |
| // Limit size file transfer 100MB  if(file.size >= 104857600) {  console.log("This size too large !");  var dialog = appCtxt.getMsgDialog();// get a simple message dialog  dialog.reset(); // reset the dialog  dialog.setMessage(biz\_zcs\_vnc\_talk\_zimlet.vnc\_talk\_limit\_size); // set the message "info" style  dialog.popup();  return;  } |

* Build and install "zcs-vnc-talk\_2.1.0-ironmaiden-0\_all.deb"

Go to helios server:

cd /home/zimbra-dev80/repos/vnc-zimlet-chat/src/biz\_zcs\_vnc\_talk\_zimlet/src

vi biz\_zcs\_vnc\_talk\_zimlet\_de.properties

|  |
| --- |
| vnc\_talk\_limit\_size = Die Datei is zu groß, sie darf nicht größer als 100MB sein |

vi biz\_zcs\_vnc\_talk\_zimlet.properties

|  |
| --- |
| vnc\_talk\_limit\_size = This file is too large, it must be not over 100MB |

*cd /home/zimbra-dev80/repos/vnc-zimlet-chat/*

*make clean && make policy && make*

copy deb file like “zcs-vnc-talk\_2.1.0-ironmaiden-0\_all.deb” to zimbra server

on zimbra server,

switch user zimbra: *sudo su zimbra*

install the package: *zmpkg install zcs-vnc-talk\_2.1.0-ironmaiden-0\_all.deb*

restart service: *zmmailboxdctl restart*