HG
COMMUNICATION

I login two avatars. In two different grid. One is gimisa.cerise@3d.gimisa.ca9000 the other is gimisa@osgrid.org. They are both friends and appears in their friend lists. But neither show up in online indication per following picture.

The specification by DIVA is that friend links should allow online indication with both avatar in their respective grid. This is abviously not working. The spec also says that they should be allow to send IMs accross the hypergirdi in this condition . Even if they dont show their respective online status trying a IM work and they can communicate with each other as per following picture.

But I have other example where online indication works and IMs dont.

Now I teleport gimisa from 3d.gimisa.ca to osgrid. This avatar become local to gimisa@osgrid.org. Notice that now the online indication works as well as the IMs.

In local grid the way inter region communication works is with the help of a child avatar. It allow one to see inside the neighbour regions edit and and move object and to chat with people in these regions that in effect might be hosted in very different servers.

In the same way we just did with the gimisa moving to osgrid the child avatar is created in the regions that are neighbours to the one we visiting and allow the full feature we know . So in order to simulate that lets log again an other gimisa@3d.gimisa.ca

From above , its interesting to note that now we can continue to communicate fully with the child avatar to the osgrid resident. We can also communicate one way from the main avatar to the osgrid one but the reply goes to the child avatar.

Its not the aim of this exercice to validate DIVA spec in its full extent but to present that at minimum HG communication should be reliable between grid to grid where both parties are local.

Child avatar in the sense of opensim application allow a robust set of communication capablities. Extending the idea to child HG avatar created in the grid where a local avatar has friends might be far fetch but give a fair representation of the kind of exchange required for success .