

## JobSub - Bug #6676

Milestone # 5333 (Closed): Incorporate functionality of cdcaf into JobSub

Milestone # 6689 (Closed): Incorporate initial Run II Functionality for v0.4

### dropbox location and submit location end up on different hosts in DNS round robin setup

07/25/2014 09:53 AM - Dennis Box

<b>Status:</b>	Closed	<b>Start date:</b>	07/25/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	07/30/2014
<b>Assignee:</b>	Dennis Box	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v0.4	<b>Spent time:</b>	0.00 hour
<b>First Occurred:</b>		<b>Stakeholders:</b>	
<b>Occurs In:</b>			

#### Description

When dropbox://some\_file is part of a jobsub\_submit incantation, there are two phases: first upload some\_file then call jobsub\_tools to generate and submit JDF with some\_file included in the transfer\_input\_files list. If the submit URL is a round robin DNS, some\_file can end up on a different machine than where the jobsub\_tools JDF generation and submission happens. This results in 'file not found' errors.

I can think of two fixes off the top of my head, 1) configure a web server on each backend server that can serve up dropbox locations for that machine, and transfer\_input\_files on the JDF generating server contains a URL to the dropbox file, or 2) allow jobsub\_server to submit explicitly to the same server that the dropbox lives on, bypassing the DNS round robin server. Number 2) is currently forbidden by our SSL security settings.

There may be better fixes that haven't occurred to me yet

#### History

##### #1 - 07/28/2014 10:32 AM - Dennis Box

- Status changed from New to Resolved

##### #2 - 07/28/2014 10:34 AM - Parag Mhashilkar

- Parent task set to #6689

##### #3 - 07/28/2014 10:39 AM - Parag Mhashilkar

- % Done changed from 0 to 100

##### #4 - 07/28/2014 10:45 AM - Parag Mhashilkar

- Status changed from Resolved to Closed

##### #5 - 07/28/2014 10:46 AM - Parag Mhashilkar

- Due date set to 07/30/2014