



My CoRE project

ownCloud beta service load compared to estimate

Reference N/A

Last update 08/10/2015

Version 1.0

Responsible CNRS (D. Rousse)

Other documents/info. load estimate at https://github.com/CNRS-DSI-Dev/mycore_press/blob/master/CNRS-LINAGORA-ownCloud-load-estimate.ods

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Object The aim of this document is to compare Apache, SQL and network load mesured during My CoRe beta service to estimate made before launching the service.

- Content :**
- Sheet 1 : This sheet
 - Sheet 2 : Comparison sheet

Table des mises à jour du document		
Version	Date	Objet de la mise à jour
1.0	08/10/2015	Initial release

Number of users	BDD		Web		Network			
	Number of SQL (requests per second)		Number of web sessions (per day)		Bandwith usage upload (Mb/s)		Bandwith usage download (Mb/s)	
	Simulation	Real load	Simulation	Real load	Simulation	Real load	Simulation	Real load
585	558	371	88	15	8	Not available	22	Not available
754	723	505	113	27	10	Not available	29	Not available
1018	976	465	153	31	14	Not available	39	Not available
1128	1081	1085	169	42	16	4.5	43	8.1
1196	1146	475	179	35	17	4.05	46	4.35
1215	1165	482	182	46	17	3	46	6
1251	1199	323	188	36	17	3	48	6
1284	1231	323	193	33	18	2.4	49	4.5
1306	1252	418	196	33	18	2.4	50	4.5
To be continued								

Nota and comments :
We consider that 15 % of users are active (regarding the figures in https://github.com/CNRS-DSI-Dev/mycore_press/blob/master/CNRS-LINAGORA-ownCloud-load-estimate.ods)
Service is available for production only after 1500 end users accounts
Simulation figures are extracted from https://github.com/CNRS-DSI-Dev/mycore_press/blob/master/CNRS-LINAGORA-ownCloud-load-estimate.ods)
Read load figures are extracted from internal CNRS monitoring tool (Centreon system)
At present time, differences between simulation and real load could be explained by the service status : service is only beta so end users do not use it as a real production service.
This hypothesis needs to be confirmed within a few months