

FileMaker Server Performance

measured by Nick Lightbody using the Desktopspace Virtual Client Testing Method - November 2014

Server	#1 - MacMini	#1 - MacMini	#1 - MacMini	#2 - Win VM	#3 - MacMini
OS	OS X 10.9.5	OS X 10.9.5	OS X 10.9.5	Win Svr2012	OS X 10.9.5
FMS version	13.0.4.400	13.0.4.400	13.0.4.400	13.0.4.400	13.0.4.400
comment	tokens but no ssl	tokens + ssl	no tokens with ssl	tokens + ssl	tokens + ssl
CPU cores	4	4	4	6	2
CPU speed Ghz	2.3	2.3	2.3	2.6	2.66
CPU index	9.20	9.20	9.20	15.60	5.32
RAM Gb	16	16	16	4	8
FMS cache Gb	8	8	8	2	4
SSL	no	yes	yes	yes	yes
Productivity index - big is good	49	51	45	65	41
User experience index - small is good	5	25	410	735	476

Record creation speed	#1 - MacMini			#1 - MacMini			#1 - MacMini			#2 - Win VM			#3 - MacMini		
	hrs	records	rate / min	hrs	records	rate / min	hrs	records	rate / min	hrs	records	rate / min	hrs	records	rate / min
speed of completion	12.6	3434	4.54	16	4535	4.72	17.25	4330	4.18	12.25	4436	6.04	9.6	2220	3.85
			0.75			0.78			0.69			1.00			0.64
			0.75			0.78			0.69						0.63

User experience speed	#1 - MacMini		#1 - MacMini		#1 - MacMini		#2 - Win VM		#3 - MacMini	
	records	%	records	%	records	%	records	%	records	%
operation - 1 sec	3106	90%	4016	89%	1344	30%	0	0%	0	0%
operation - 2 sec	217	6%	321	7%	2083	46%	596	13%	1595	72%
operation - 3 sec	3	0%	11	0%	10	0%	2621	59%	277	12%
operation - over 3 sec	108	3%	187	4%	893	20%	1219	27%	348	16%

Summary	#1 - MacMini: OS X 10.9.5: 13.0.4.400: tokens but no ssl	#1 - MacMini: OS X 10.9.5: 13.0.4.400: tokens + ssl	#1 - MacMini: OS X 10.9.5: 13.0.4.400: no tokens with ssl	#2 - Win VM: Win Svr2012: 13.0.4.400: tokens + ssl	#3 - MacMini: OS X 10.9.5: 13.0.4.400: tokens + ssl
supports busy user operations at	over 4 / min	over 4 / min	over 4 / min	over 6 / min	over 3 / min
Productivity index - big is good	49	51	45	65	41
user completes in 2 sec or less	95%	94%	80%		
user completes in 3 sec or less				72%	84%
User experience index - small is good	5	25	410	735	476