INVALID TEST

Value	Weight	Negative Weight	Ratio	Neg Ratio	Perfect Match	32 bit system	Bios/os Mismatch 32	Mismatch M-ID	Backup diff computer	New hard drive	Img New Computer	Image Drive old comp	Reboot	Login/Logout	Reset Clock back	Diff usr checkin	Shared between prog	comp name change
Machine ID	8	-20	0.2105263	-0.5263157895	8		8	-20	-20	8	-20	8		8		8	8	8
Computer Name	8	-8	0.2105263	-0.2105263158	8	8	8	8	8	8	-8	8		8		8	8	-8
OS Install Key	8		0.2105263		8	8	8	8	8	8	-8	8		8		8	8	8
Hard Drive Serial 1	4		0.1052631		4	4	4	4			-			4		4	4	4
CPU Description	2	-5	0.0526315	-0.1315789474	2	2	2	2	2	2	-5	2		2		2	2	2
~~User ID~~	~~2~~	~~-10~~	~~0.0526315~~	~~-0.2631578947~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~	~~0~~		~~0~~		~~0~~	~~0~~	~~0~~
OS Name	2		0.0526315		2	0	-	2	2	2	2	2		2		2	2	2
Save Time															-40			
CPU Core Count	2		0.0526315		2	2	2	2	2	2	2	2		2		2	2	2
Memory Size	2		0.0526315		2	2	-	2	2	2	2	2		2		2	2	2
BIOS Date	2		0.0526315		2	2	-	2	2	2	2	2		2		2	2	2
Total possible	38				38	28	32	10	6	34	-1	34		38	-40+	38	38	22

INVALID TEST

no 32 implies it cannot be required but heavily weighted

Computer name changeable but forces reboot and uncommon — User ID - 10-16-18 Removing from hardware fingerprinter. May be appropriate another place in the code

Assume some sort of ghosting

Cname faked with install

Shared Install key via enterprise (possible? assume worst)

? what should happen

Pass	Fail

Fingerprint check scenarios on checked out key

Event	Expectation	Notes
Restore Backup of User Computer/reimage	Passes (assume clock is correct)	With key checked out does Software check server assuming internet connection for key status when restarted?
Restore backup of user to different computer	Fails	Working on copy (restore) of key
User Hard Drive replaced	Fails	Working on copy (restore) of key
User gets a new computer - restores backup	Fails	Working on copy (restore) of key
Misses getting a Machine ID but other matches	Passes	
OS Version changes	Passes	
Bios version Changes	Passes	
Different User tries to check in Key	?????	? How does this happen/ Bug? Protect32? To be removed
Reboots computer	Pass	
Windows Update Runs	Pass	
User logs out, logs in	Pass	
User resets clock (backward)	Fails	
Shared between programs	Pass	Application still must check against allowed applications on key