

To: All Employees

From: InGen IT Department

Date: June 12, 2017

Subject: Password protocols

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It has come to our attention that key personnel have not been using adequate security measures when it comes to entry codes and passwords, especially in the DNA rooms. I know that Microsoft just published a password guide, but you know what I always say: IGNORE GATES. If Bill Gates knew what he was doing, we wouldn't be using such a crap operating system with so many bugs and backdoors. Microsoft is evil. Instead of using their article, please use the following 10 guidelines to create a new password that is secure.

1	Make sure that your password is at least 8 characters long
2	Make sure that your password has at least one number
3	Make sure that your password has at least one lower case letter
4	Make sure that your password has at least one upper case letter
5	Make sure that your password has at least one special character
6	Make sure that your password isn't the same as any of your other passwords
7	Make sure that your password hasn't been used in the past 4 years
8	Make sure that your password doesn't contain your name
9	Make sure that your password doesn't contain your birthday
10	Make sure that you don't email your password to anyone

You are required to update your password by the end of the week.

To: All Employees

From: InGen IT Department

Date: June 19, 2017

Subject: Password protocols follow up

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It has come to our attention that key personnel have not been using adequate security measures when it comes to entry codes and passwords, especially in the DNA rooms. We provided a list of 10 important rules for secure passwords. However, when we audited the passwords we found a number of unacceptable passwords like "NedryIsAn@\$wipe123" and "ITcangoblowme7times!!" Good one guys. Hahahahaha, your passwords were soooo funny.

Below are additional instructions for creating acceptable passcodes that are secure. Your new passcode must incorporate all of these passcode part as well as at least one additional unique phrase of your choosing that has nothing to do with IT or any IT workers.

At the end, your password should be at least 40 characters long. The parts can be in any order.

You will be required to update your password every other week. Each subsequent password must be at least as secure as the last, if not more.

Remember: if you hate having such a long passcode, don't blame IT. Blame the jerks who were too immature to create reasonable passcodes last time, like Jim and Peter. They are such losers. I mean, if brains were dynamite, Jim wouldn't have enough to blow his nose. And Peter's so full of crap it's amazing that he hasn't died of constipation. I mean, the fact that jellyfish have survived for 650 million years without brains gives them both hope.

Passcode part 1

11	Start with the year that Grace Hopper was born
12	Add the year that Konrad Zuse was born
13	Add that year the Alan Turing was born
14	Add the year that Jay Forrest, inventor of core memory, was born
15	Add the year that CTR became IBM
16	Add the year Seymour Cray was born
17	Add the year the IBM 405 Alphabetical Accounting Machine was introduced
18	Add the year that Manuel Blum was born.
19	Add the year Hewlett-Packard was founded in a Palo Alto garage
20	Add the year that the Turing-complete Z3 (the first programmable computer) was complete and became operational
21	Add the year the Mark 1 Colossus was completed
22	Add the year that Bell Laboratories invented the transistor
23	Add the year EDSAC ran its first programs and performed its first calculations
24	Add the year that IBM introduced the IBM 650, the world's first electronic calculator
25	Add the year that John Backus developed the draft specification for the FORTRAN programming language at IBM
26	Add the year that Kathleen Booth co-founded the School of Computer Science and Information Systems at Birbeck College
27	Add the year that Kilby and Noive unveiled the integrated circuit which would become the computer chip
28	Add the year the first office copier, the Xerox 914 was sold
29	Add the year the MOSFET (or MOS transistor) was invented at Bell Labs
30	Add the year that Dana Ulery became the first woman engineer at the NASA Jet Propulsion Laboratory
31	Add the year that Joan Ball was the first person to start a computer dating service
32	Add the year that ARPANET was established when the first computers were connected
33	Add the year that Ray Tomlinson sent the first email
34	Add the year that the Xerox Alto (the first computer designed to support a graphical user interface) was first introduced.
35	Add the year the Altair 8800 microcomputer was released by MITS
36	Add the year the Apple II was introduced at the West Coast Computer Fair
37	Start with the year that The C Programming Language by Kerningham and Ritchie was first published.
38	Add the year that VisiCalc, the first computerized spreadsheet program was introduced and sold
39	Add the year that the first IBM computer, code-named ACORN, was introduced.
40	Add the year the Commodore 64 was released
41	Add the year that Tim Berners Lee wrote the first website
42	Add the year that Garry Kasparov beat Deep Blue at chess
43	Add the year that Deep Blue beat Garry Kasparov at chess
44	Divide your current total by the number of bits in a byte

### Passcode part 2

45	Start with the smallest positive two-syllable number
46	Multiply by a score
47	Add a gross
48	Divide by a brace
49	Subtract a baker's dozen
50	Subtract a bingo duck and dive
51	Subtract blackjack
52	Multiply by love
53	Multiply by a dozen
54	Add a sawbuck
55	Subtract a hattrick

### Passcode part 3

56	Start with the programming language developed by James Gosling in 1995
57	Replace the first letter of your current string with the letter two spaces later in the alphabet
58	Remove the last half of the string.
59	Replace your entire string with the state whose abbreviation you have
60	Replace your entire string with the name of the bird on the stat's seal
61	Remove the chemical symbol for Lithium from your current string
62	Shift your current string by a four letter Caesar shift (A=E, B=F, C=G)
63	Replace the first two characters of your current string with MAN
64	Move the first half of your string to the end of the string (so the two halves are switched)
65	Replace any letter G in your string with an M
66	Change the gender of your current string from male to female
67	Delete the first three characters of your current string
68	Convert your character to a number using A=1, B=2, C=3
69	Convert your string to special characters by using the special characters on the keyboard (1=!, 2=@, 3=#)

Passcode part 4

70	Start with the number of players on a basketball team
71	Add the number of players on a woman's lacrosse team to your current string
72	Add the number of players on a polo team to your current string
73	Subtract the number of players on a field hockey team from your current string
74	Add the number of players on a volleyball team to your current string
75	Add the number of players on a ice hockey team to your current string
76	Divide your current string by the number of players on a soccer team
77	Multiply your current string by the number of players in a baseball team
78	Add what one tennis point is called to your current string
79	Divide your current string by the number of points a touchdown is worth in football
80	Add the number of points a basketball free throw is worth to your current string
81	Add the score of a perfect game of bowling to your current string
82	Add the score of a grand slam in baseball to your current string
83	Add the score of a goal in soccer to your current string
84	Add the best score possible for a high dive to your current string
85	Subtract the score of a bullseye in darts from your current string
86	Subtract the winning score in bocce from your current string
87	Divide your current string by the number of points a ringer is worth in horseshoes
70	Start with the number of players on a basketball team
71	Add the number of players on a woman's lacrosse team to your current string
72	Add the number of players on a polo team to your current string
73	Subtract the number of players on a field hockey team from your current string
74	Add the number of players on a volleyball team to your current string
75	Add the number of players on a ice hockey team to your current string
76	Divide your current string by the number of players on a soccer team
77	Multiply your current string by the number of players in a baseball team
78	Add what one tennis point is called to your current string
79	Divide your current string by the number of points a touchdown is worth in football

Passcode part 5

80	Add the number of points a basektball free throw is worth to your current string
81	Add the score of a perfect game of bowling to your current string
82	Add the score of a grand slam in baseball to your current string
83	Add the score of a goal in soccer to your current string
84	Add the best score possible for a high dive to your current string
85	Subtract the score of a bullseye in darts from your current string
86	Subtract the winning score in bocce from your current string
87	Divide your current string by the number of points a ringer is worth in horseshoes

Passcode part 6

88	Start with the operating system created by Ken Thompson and Dennis Richie in 1970
89	Replace the last character with the first name of CNN-owner Turner
90	Switch the order of the middle two characters
91	Remove the first two characters
92	Add the characters RER to your current string such that you get a word meaning to have left your job
93	Remove the middle three characters of your string
94	Reverse the order of your string
95	Add the letter T to the exact middle of your string
96	Add a letter to your string so that it is the name of the Showtime series about a forensic analyst
97	Replace any letter X in your string with the letters SER
98	Remove the last two characters in your string
99	Double (repeat) the third character of your string
100	Add a letter to the end of your string to pluralize your current word
101	Reverse the order of your string
102	Remove the last character of your string and then move the first character to the end of your string
103	Remove any letter S that is in your string
104	Add one letter to your string to make a number
105	Replace one character with the roman numeral for 4 to create a new word
106	Replace the first three characters with a single character to create another number
107	Replace your entire string with the number three higher than your current string
108	Replace any letter E in your string with an N
109	Add a K to the beginning of your string
110	Remove the letters G and H from your string
111	Add the letters R and E to the beginning of your string
112	Reverse the order of your string
113	Add an H as the second character of your string
114	Replace any letter N in your string with a C
115	Replace any letter R in your string with an N
116	Replace any letter T in your string with a C
117	Replace the last two characters of your string with the letters "ORY"
118	Remove any letter C that is in your string
119	Add two more words to your string to complete the first line of a nursery rhyme
120	Replace your entire string with the animal mentioned in the nursery rhyme