Retrieve after hours failed login attempts

I queried for unsuccessful login attempts after 6:00 PM. In SQL, it uses a 24 hour clock format, so 6:00 PM is translated to 18:00.

vent_id	username	ļ	login_date	į	login_time	į	country	ip_address	:	success
2	apatel	T	2022-05-10	Ī	20:27:27	Ī	CAN	192.168.205.12	ı	0
18	pwashing	I	2022-05-11	ı	19:28:50	I	US	192.168.66.142		0
20	tshah	I	2022-05-12	ı	18:56:36		MEXICO	192.168.109.50		0
28	aestrada	I	2022-05-09	ı	19:28:12	ı	MEXICO	192.168.27.57		0
34	drosas		2022-05-11	I	21:02:04		US	192.168.45.93		0
42	cgriffin	I	2022-05-09	ı	23:04:05	ı	US	192.168.4.157		0
52	cjackson		2022-05-10	I	22:07:07		CAN	192.168.58.57		0
69	wjaffrey	I	2022-05-11	ı	19:55:15		USA	192.168.100.17		0
82	abernard		2022-05-12	ı	23:38:46		MEX	192.168.234.49		0
87	apatel	I	2022-05-08	ı	22:38:31		CANADA	192.168.132.153		0
96	ivelasco		2022-05-09	ı	22:36:36		CAN	192.168.84.194		0
104	asundara		2022-05-11	ı	18:38:07		US	192.168.96.200		0
107	bisles		2022-05-12	ı	20:25:57		USA	192.168.116.187		0
111	aestrada	ı	2022-05-10	ı	22:00:26		MEXICO	192.168.76.27		0
127	abellmas	I	2022-05-09	ı	21:20:51		CANADA	192.168.70.122		0
131	bisles		2022-05-09	ı	20:03:55		US	192.168.113.171		0
155	cgriffin	I	2022-05-12	I	22:18:42	I	USA	192.168.236.176	I	0
160	jclark		2022-05-10	ı	20:49:00		CANADA	192.168.214.49		0
199	yappiah	ı	2022-05-11	ı	19:34:48	L	MEXICO	192.168.44.232		0

Retrieve login attempts on specific dates

Query command: SELECT * FROM log_in_attempts WHERE login_date = '2022-05-09' OR login_date = '2022-05-08

† <u></u>	t <u></u>	t <u></u>	t	t <u>-</u>	t <u>-</u>	t <u></u> -
event_id +	username	login_date +	login_time	country	ip_address	success
1 1	jrafael	2022-05-09	04:56:27	CAN	192.168.243.140	1
	dkot	2022-05-09		USA	192.168.151.162	
	dkot	2022-05-08		USA	192.168.178.71	0
	bisles	2022-05-08		US	192.168.119.173	
	dkot	2022-05-08		USA	192.168.100.158	
	lyamamot arusso	2022-05-09 2022-05-09		USA	192.168.183.51 192.168.171.192	
		2022-05-09		MEXICO US	192.168.171.192 192.168.33.137	1
	apatel	2022-05-08		CANADA	192.168.123.105	
		2022-05-09		MEXICO	192.168.27.57	1 0
		2022-05-09		MEX	192.168.124.48	1
		2022-05-09			192.168.142.239	
		2022-05-08		US	192.168.78.151	1
		2022-05-09		USA	192.168.60.42	1
		2022-05-09			192.168.57.115	1
		2022-05-09		US	192.168.4.157	0
		2022-05-08			192.168.16.208	. 0
	daquino	2022-05-08			192.168.168.144	
	dkot	2022-05-08		US	192.168.233.24	1
		2022-05-08		US	192.168.173.213	
J 53	nmason	2022-05-08	11:51:38	CAN	192.168.133.188	1
	acook	2022-05-08		CAN	192.168.209.130	1
J 58	ivelasco	2022-05-09		CAN	192.168.57.162	0
	dtanaka	2022-05-09	09:45:18	USA	192.168.98.221	1
	aalonso	2022-05-09		MEX	192.168.52.37	1
		2022-05-08		MEX	192.168.67.223	1
		2022-05-09		MEX	192.168.118.29	1
	mrah	2022-05-08		US	192.168.42.248	1
		2022-05-09		•	192.168.87.199	1
		2022-05-09		CAN	192.168.55.169	0
		2022-05-08		CANADA	192.168.139.176	
		2022-05-09		MEX	192.168.158.170	
		2022-05-08		CANADA		1
		2022-05-08		USA	192.168.67.69	
1		2022-05-08		OL IL CIDES	192.168.132.153	
		2022-05-09		CANADA	192.168.87.201] 0
		2022-05-08		US	192.168.247.219	
		2022-05-09 2022-05-09		CAN	192.168.84.194 192.168.32.231	0
		2022-05-09		MEXICO US	192.168.32.231 192.168.145.158	1 0
		2022-05-08		MEX	192.168.145.13	1 1
	Jreckiey daquino	2022-05-09			192.168.15.110	1
		2022-05-09		USA	192.168.90.124	1 1
	rjensen			MEX	192.168.69.116	1 1
	bsand	2022-05-08		USA	192.168.197.187	
		2022-05-09			192.168.134.62	1 0
		2022-05-09			192.168.70.122	0
	jclark	2022-05-09		CANADA	192.168.122.169	
	bisles	2022-05-09		US	192.168.113.171	
		2022-05-09		USA	192.168.22.115	1
		2022-05-09		US	192.168.91.238	0
144	daguino	2022-05-09	11:09:32	CANADA	192.168.139.9	0
145	ivelasco	2022-05-08	09:06:02	CANADA	192.168.39.196	1
147	yappiah	2022-05-08	06:04:34	MEX	192.168.65.245	0
	daquino	2022-05-08	06:15:55	CANADA	192.168.135.6	1
150	nmason	2022-05-08	14:40:02	CAN	192.168.204.124	0
151	mabadi	2022-05-09	16:29:46	USA	192.168.30.225	1
158	smartell	2022-05-09	19:30:32	MEXICO	192.168.190.178	1

Retrieve login attempts outside of Mexico

Query Command: SELECT * FROM log_in_attempts WHERE NOT country LIKE 'MEX%'

+	 username	+ login_date	+ login_time	country	ip_address	++ success
+	+ jrafael	+ 2022-05-09		CAN	+ 192.168.243.140	tt l 1 l
	apatel		20:27:27	CAN	192.168.205.12	0 1
3	_		06:47:41	USA	192.168.151.162	1 1
4	dkot	2022-05-08		USA	192.168.178.71	0 1
j 5	jrafael	2022-05-11	03:05:59	CANADA	192.168.86.232	0 1
1 7	eraab	2022-05-11	01:45:14	CAN	192.168.170.243	1 1
I 8	bisles	•	01:30:17	US	192.168.119.173	0 [
10	_	2022-05-12	•	CANADA	192.168.228.221	0 1
11		2022-05-11		CANADA	192.168.140.81	0
12		2022-05-08		USA	192.168.100.158	1 1
13 14	mrah sbaelish	2022-05-11 2022-05-10		USA US	192.168.246.135 192.168.16.99	1 1 1 1 1 1
15		2022-05-10		USA	192.168.183.51	0 1
16	•	2022-05-03		CAN	192.168.172.189	1
17		2022-05-11		USA	192.168.81.89	1
18	pwashing		19:28:50	US	192.168.66.142	0 1
	jhill	2022-05-12		US		1 1
21	iuduike	2022-05-11	17:50:00	US	192.168.131.147	1 1
25	sbaelish		07:04:02	US	192.168.33.137	1 1
	apatel	2022-05-08		CANADA	192.168.123.105	1
	bisles	2022-05-11		US	192.168.85.186	0 [
31		2022-05-12		CANADA	192.168.58.232	0 1
	acook	2022-05-09		CANADA	192.168.142.239	0 1
33		2022-05-11	00.00.10	US	192.168.72.59	1 1
34		2022-05-11		US	192.168.45.93	0
] 36] 37	asundara eraab	2022-05-08 2022-05-10		US CANADA	192.168.78.151 192.168.152.148	1 1 0
38	sbaelish		06:03:41 14:40:01	USA	192.168.60.42	1 1
41		2022-05-10		CANADA	192.168.46.207	0
42	cgriffin		23:04:05	US	192.168.4.157	o i
43			02:35:34	CANADA	192.168.16.208	0 1
44	daquino	2022-05-08	07:02:35	CANADA	192.168.168.144	0 [
45	dtanaka	2022-05-11	10:28:54	US	192.168.223.157	1
	eraab	2022-05-11		CAN	192.168.24.12	0 [
	dkot	2022-05-08		US	192.168.233.24	1
48			03:18:45	USA	192.168.72.10	1 1
	asundara		14:00:01	US	192.168.173.213	0 1
	jclark	2022-05-10		CANADA	192.168.174.117	0 1
51 52	jrafael cjackson	2022-05-10 2022-05-10	22:40:01 22:07:07	CANADA CAN	192.168.148.115	1 1 0
	nmason	•	11:51:38	CAN	192.168.58.57 192.168.133.188	1 1
55		2022-05-08		US	192.168.6.170	0 1
•	acook		04:56:30	CAN	192.168.209.130	1 1
	asundara	2022-05-12		US	192.168.211.201	1
-	ivelasco	2022-05-09		CAN	192.168.57.162	0 1
60	acook	2022-05-11	21:46:00	CAN	192.168.54.45	1
	dtanaka		09:45:18	USA	192.168.98.221	1
I 64		•	22:00:09	CANADA	192.168.172.71	1 1
68	mrah		17:16:13	US	192.168.42.248	1 1
69		2022-05-11		USA	192.168.100.17	0 1
71		2022-05-09	•	CAN	192.168.55.169	0
	alevitsk zbernal	2022-05-08 2022-05-10	12:09:10 17:46:45	CANADA USA	192.168.139.176 192.168.80.46	1 1 0
73		2022-05-10		CAN	192.168.80.46	1 1
	zbernal		04:14:35	US	192.168.188.63	1
76	•	2022-05-10	01111100	CAN	192.168.61.200	0
77		2022-05-12		US	192.168.106.183	1
80			02:18:10	CANADA	192.168.33.140	1 1
I 83	lrodriqu	2022-05-08	08:10:23	USA	192.168.67.69	1 1
84	jrafael	2022-05-11	09:26:17	CAN	192.168.243.203	1

- Using the '%' wildcard and the LIKE operator after 'MEX' fills in for 'MEXICO'.
- The 'NOT' operator does not filter for the string specified.

Retrieve employees in Marketing

Query Command: SELECT * FROM employees WHERE departments = 'Marketing' AND office LIKE 'EAST%';

1000 a320b137c219 elarson Marketing East-170 1052 a192b174c940 jdarosa Marketing East-195 1075 x573y883z772 fbautist Marketing East-267 1088 k8651965m233 rgosh Marketing East-157 1103 NULL randerss Marketing East-460 1156 a184b775c707 dellery Marketing East-417 1163 h679i515j339 cwilliam Marketing East-216		employee_id	t device_id	username	 department	+ office
1156 a184b775c707 dellery Marketing East-417	†- 	1052 1075 1088	a192b174c940 x573y883z772 k8651965m233	jdarosa fbautist rgosh	Marketing Marketing Marketing	East-195 East-267 East-157
		1156	a184b775c707	dellery	Marketing	East-417

Using the '%' wildcard and the LIKE operator after 'East' allows any character to fill in, in this instance, numbers.

Retrieve employees in Finance or Sale

Query Command: SELECT * FROM employees WHERE department = 'Sales' OR department = 'Finance';

	i ilialioo ,				
MariaDB [organ:	ization]> SELECT	' * FROM emp	oloyees WHERE	department =	'Sales' OR department = 'Finance';
employee_id 	 device_id 	username	department	+ office +	†
1003	d394e816f943	sgilmore	Finance	South-153	1
1007	h174i497j413	wjaffrey	Finance	North-406	1
1008	i858j583k571	abernard	Finance	South-170	1
1009	NULL	lrodriqu	Sales	South-134	1
1010	k2421212m542	jlansky	Finance	South-109	1
1011	1748m120n401	drosas	Sales	South-292	1
1015	p611g262r945	jsoto	Finance	North-271	1
1017	r550s824t230	jclark	Finance	North-188	1
	s310t540u653			North-403	1
	w237x430y567		Finance	West-465	1
1024	y976z753a267	iuduike	Sales	South-215	l e e e e e e e e e e e e e e e e e e e
	z381a365b233	_	Sales	North-115	1
· ·	d336e475f676		Finance	East-156	1
	j236k3031245		Sales	South-171	l e
	n253o917p623			East-378	
	p929q222r778			North-208	I
•	s429t157u159		Finance	West-415	
	t567u844v434			East-115	
	u429v921w138	_	Finance	West-280	
	v109w587x644		Finance	West-373	
	w167x592y375			South-288	
		jreckley		Central-295	
	y132z930a114			North-468	
	f370g535h632 k3671639m697		Sales Finance	South-270	
			Sales	North-180 East-226	
	1686m140n569 o678p794q957		Sales Sales	Central-444	
		jpark	Finance	East-110	
	t244u829v723	zdutchma		West-348	1
	u905v920w694	esmith	Sales	East-421	i
	y347z204a710		Finance	Central-270	i
	a667b270c984	sharley	Sales	North-418	i
	d647e310f618		Finance	South-290	i
	f840g812h544	-	Finance	West-165	i
	h339i498j269	_	Sales	East-325	i de la companya de
1086	i281j129k749	lmajumda	Sales	West-499	1
1089	1358m929n154	jpark2	Sales	West-251	1
1091	n378o313p469	rtran	Sales	Central-230	1
1092	o391p779q935	lpark	Sales	West-227	1
1098	u671v146w618	tarchamb	Sales	North-423	1
1099	v283w690x104	anaser	Finance	West-357	l
	b551c837d758		Finance	Central-232	
	d168e758f876	_	Sales	North-471	
	f229g533h679			East-196	
	g567h376i314	_	Sales	Central-428	
	h835i179j862	_	Sales	West-309	
•	m272n572o874		Sales	South-100	
	n683o758p820		Sales	West-405	
	o305p208q337		Sales	South-329	
1119	p164q780r999	omubarak	Sales	West-409	

Retrieve all employees not in IT

Query Command: SELECT * FROM employees WHERE NOT department = 'Information Technology';

+ employee id	doni go id		donartment	
+	aevice_ia	username 	department	office
1000	a320b137c219	elarson	Marketing	East-170
•	b239c825d303		Marketing	Central-276
1002	c116d593e558	tshah	Human Resources	North-434
1003	d394e816f943	sgilmore	Finance	South-153
1004	e218f877g788	eraab	Human Resources	South-127
1005	f551g340h864	gesparza	Human Resources	South-366
	h174i497j413			North-406
	i858j583k571			South-170
•		lrodriqu		South-134
•	k2421212m542	_		South-109
	1748m120n401		Sales	South-292
	p611q262r945	_	Finance	North-271
			Human Resources	
	r550s824t230			North-188
	s310t540u653			North-403
	u899v381w363	_	Marketing Finance	South-351
	w237x430y567 y976z753a267			West-465 South-215
	z381a365b233		Sales	North-115
	a998b568c863	_	Human Resources	
	b806c503d354	_		West-246
			Human Resources	
	d336e475f676			East-156
	e391f189g913		Marketing	West-375
	f419g188h578		Marketing	West-408
1034	i679j565k940	bsand	Human Resources	East-484
1035	j236k3031245	bisles	Sales	South-171
1036	k5501533m205	rjensen	Marketing	Central-239
1038	m873n636o225	btang	Human Resources	Central-260
	n253o917p623			East-378
	o783p832q294	_	Human Resources	
	p929q222r778			North-208
	q175r338s833		Human Resources	
	s429t157u159		Finance	West-415
	t567u844v434	_		East-115
	u429v921w138	-	Finance	West-280
	v109w587x644		Finance	West-373
	w167x592y375			South-288 Central-295
	NULL y132z930a114	jreckley		North-468
	y1322930a114 z451a308b518			Central-134
	a192b174c940			Central-134 East-195
			Human Resources	
	d831e972f553			Central 255
1055	G001C57Z1555		- 1 · ·	2010101 200

Summary

There's been a series of failed login attempts occurring after business hours on 05-09-2022. The suspicious activity was originating from every country other than Mexico, so we had performed security updates on each department that required it.