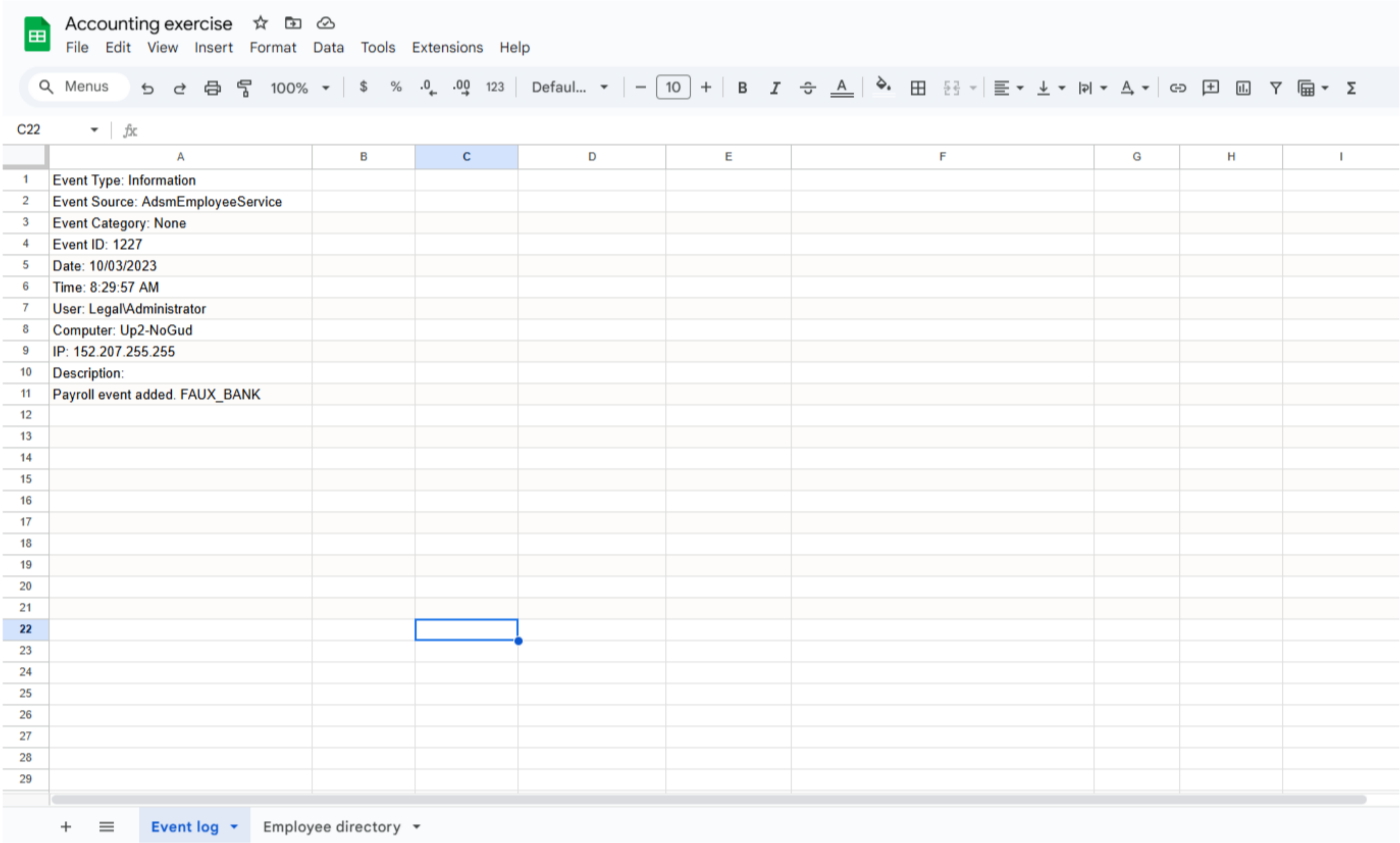
Access controls worksheet

	Note(s)	Issue(s)	Recommendation(s)
Authorization /authentication	**Objective:** List 1-2 pieces of information that can help identify the threat: ● The event occurred on March 10, 2023, at 8:29:57 a.m. ● *The user belongs to the Legal department and accessed the system using an administrator account.* ● *The IP address associated with the login is 152.207.255.255.*	**Objective:** Based on your notes, list 1-2 authorization issues: ● *The company has not implemented the principle of least privilege, as all employees have access to the administrator account regardless of their role, posing a significant security risk.* ● *Logs and directory records indicate that Robert Taylor Jr, an admin whose contract ended in 2019, accessed payroll systems in 2023 and processed the payment.* ● *This highlights the*	**Objective:** Make at least 1 recommendation that could prevent this kind of incident: ● *Implement the principle of least privilege to ensure employees only have access to the resources necessary for their roles.* ● *Enforce the separation of duties to minimize the risk of unauthorized actions.* ● *Set user accounts to expire after 30 days for contractors or temporary staff.* ● *Limit contractors' access to essential business resources only.* ● *Enable multi-factor*

		absence of separation of duties within the organization, further exposing the company to potential security breaches.	*authentication (MFA) to enhance account security.*



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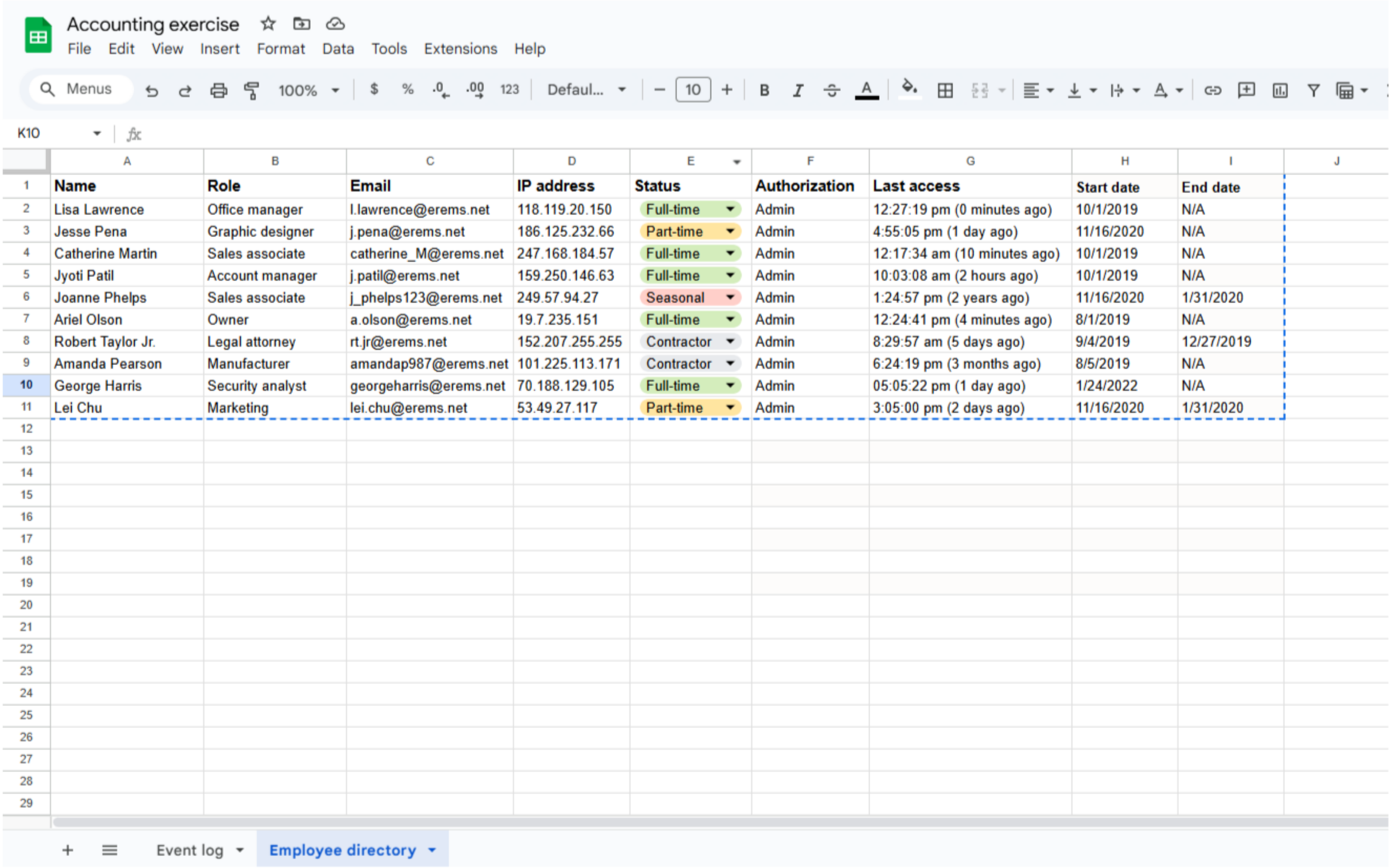
Event Type: Information
Event Source: AdsmEmployeeService
Event Category: None
Event ID: 1227
Date: 10/03/2023
Time: 8:29:57 AM
User: Legal\Administrator
Computer: Up2-NoGud
IP: 152.207.255.255
Description:
Payroll event added. FAUX_BANK
```



Name	Role	Email	IP address	Status	Authorization	Last access	Start date	End date
Lisa Lawrence	Office manager	l.lawrence@erems.net	118.119.20.150	Full-time	Admin	12:27:19 pm (0 minutes ago)	10/1/2019	N/A
Jesse Pena	Graphic designer	j.pena@erems.net	186.125.232.66	Part-time	Admin	4:55:05 pm (1 day ago)	11/16/2020	N/A
Catherine Martin	Sales associate	catherine_M@erems.net	247.168.184.57	Full-time	Admin	12:17:34 am (10 minutes ago)	10/1/2019	N/A
Jyoti Patil	Account manager	j.patil@erems.net	159.250.146.63	Full-time	Admin	10:03:08 am (2 hours ago)	10/1/2019	N/A
Joanne Phelps	Sales associate	j_phelps123@erems.net	249.57.94.27	Seasonal	Admin	1:24:57 pm (2 years ago)	11/16/2020	1/31/2020
Ariel Olson	Owner	a.olson@erems.net	19.7.235.151	Full-time	Admin	12:24:41 pm (4 minutes ago)	8/1/2019	N/A
Robert Taylor Jr.	Legal attorney	rt.jr@erems.net	152.207.255.255	Contractor	Admin	8:29:57 am (5 days ago)	9/4/2019	12/27/2019
Amanda Pearson	Manufacturer	amandap987@erems.net	101.225.113.171	Contractor	Admin	6:24:19 pm (3 months ago)	8/5/2019	N/A
George Harris	Security analyst	georgeharris@erems.net	70.188.129.105	Full-time	Admin	05:05:22 pm (1 day ago)	1/24/2022	N/A
Lei Chu	Marketing	lei.chu@erems.net	53.49.27.117	Part-time	Admin	3:05:00 pm (2 days ago)	11/16/2020	1/31/2020