```
user id
timestamp
                                    event type
2025-08-18 11:26:36.448160 user 6
                                    logout
2025-08-18 11:20:36.448160 user 8
                                    login
2025-08-18 10:37:36.448160
                                    network_connection
2025-08-18 11:57:36.448160 user_8
                                    logout
2025-08-18 11:05:36.448160 user 9
                                    network_connection
2025-08-18 11:42:36.448160
                                    email sent
2025-08-18 10:46:36.448160 user 9
                                    email sent
2025-08-18 10:33:36.448160 user 2
                                    network connection
2025-08-18 11:37:36.448160 user 9
                                    network connection
2025-08-18 11:25:36.448160 user 8
                                    file access
2025-08-18 11:23:36.448160 user 8
                                    login
2025-08-18 11:46:36.448160 user 7
                                    file access
2025-08-18 11:27:36.448160 user 4
                                    logout
2025-08-18 10:28:36.448160 user 9
                                    login
2025-08-18 11:26:36.448160 user 5
                                    login
2025-08-18 12:04:36.448160 user 10 email sent
2025-08-18 11:04:36.448160 user 9
                                    file access
2025-08-18 11:07:36.448160
                                    email sent
2025-08-18 11:44:36.448160 user 7
                                    network connection
2025-08-18 11:14:36.448160 user 1
                                    login
2025-08-18 11:34:36.448160 user 4
                                    file access
2025-08-18 10:45:36.448160
                                    email_sent
2025-08-18 11:17:36.448160 user 3
                                    network connection
2025-08-18 11:03:36.448160 user 10 logout
2025-08-18 10:44:36.448160 user 6
                                    file access
2025-08-18 11:53:36.448160
                                    login
2025-08-18 10:56:36.448160 user 1
                                    file access
2025-08-18 11:42:36.448160 user 8
                                    login
2025-08-18 11:03:36.448160 user 6
                                    login
2025-08-18 11:09:36.448160 user 10 file access
2025-08-18 11:32:36.448160 user 3
                                    logout
2025-08-18 10:29:36.448160 user 9
                                    logout
2025-08-18 10:32:36.448160 user 7
                                    logout
2025-08-18 11:52:36.448160 user 10 file access
2025-08-18 11:22:36.448160 user 3
                                    email sent
2025-08-18 11:39:36.448160 user 6
                                    email sent
2025-08-18 11:08:36.448160 user 9
                                    login
2025-08-18 11:08:36.448160 user 5
                                    login
2025-08-18 11:57:36.448160 user 6
                                    login
2025-08-18 11:20:36.448160 user_3
                                    email_sent
                                    network connection
2025-08-18 10:53:36.448160 user 1
2025-08-18 11:43:36.448160 user 2
                                    login
2025-08-18 11:51:36.448160
                                    logout
2025-08-18 11:55:36.448160 user_9
                                    logout
2025-08-18 10:47:36.448160 user 3
                                    network connection
2025-08-18 10:28:36.448160 user 10
                                    file access
2025-08-18 11:56:36.448160 user 3
                                    network connection
2025-08-18 10:55:36.448160
                                    file access
2025-08-18 10:30:36.448160 user 3
                                    logout
2025-08-18 11:45:36.448160
                                    login
2025-08-18 11:24:36.448160 user 3
                                    file access
2025-08-18 11:57:36.448160 user 8
                                    network connection
```

raw evidence

```
2025-08-18 10:51:36.448160 user 10 logout
2025-08-18 11:17:36.448160 user 7
                                    logout
2025-08-18 11:12:36.448160 user 1
                                    network_connection
2025-08-18 12:05:36.448160 user 7
                                    email sent
2025-08-18 10:59:36.448160 user_3
                                    logout
2025-08-18 11:31:36.448160 user_8
                                   file_access
2025-08-18 11:09:36.448160 user_4
                                    login
2025-08-18 10:40:36.448160 user 6
                                    logout
2025-08-18 10:32:36.448160 user 3
                                    network connection
2025-08-18 11:42:36.448160
                                    email sent
2025-08-18 11:13:36.448160 user 5
                                    network_connection
2025-08-18 11:17:36.448160 user 3
                                    login
2025-08-18 11:54:36.448160 user 10 file access
2025-08-18 10:56:36.448160 user 2
                                    login
2025-08-18 11:31:36.448160 user 3
                                   login
2025-08-18 12:04:36.448160 user 3
                                    file access
2025-08-18 11:31:36.448160 user 9
                                   login
2025-08-18 11:52:36.448160 user 5
                                    network connection
2025-08-18 10:27:36.448160 user 10 network connection
2025-08-18 11:42:36.448160 user 10 logout
2025-08-18 12:03:36.448160 user 6
                                    email sent
2025-08-18 10:46:36.448160 user 7
                                    logout
2025-08-18 11:11:36.448160
                                    network_connection
2025-08-18 11:59:36.448160 user 2
                                    email sent
2025-08-18 10:42:36.448160 user_2
                                    login
2025-08-18 10:54:36.448160 user 3
                                    network connection
2025-08-18 11:06:36.448160 user 3
                                   login
2025-08-18 11:44:36.448160 user 2
                                    email sent
2025-08-18 11:45:36.448160 user 7
                                    network connection
2025-08-18 10:46:36.448160 user 7
                                    network connection
2025-08-18 11:23:36.448160 user 10 login
2025-08-18 10:52:36.448160 user 3
                                    email sent
2025-08-18 11:51:36.448160 user 1
                                    login
2025-08-18 10:27:36.448160 user 6
                                    login
2025-08-18 11:56:36.448160 user 4
                                    file access
2025-08-18 11:35:36.448160 user 10 network connection
2025-08-18 10:26:36.448160 user 9
                                    file access
2025-08-18 11:13:36.448160 user 3
                                    file access
                                    network connection
2025-08-18 11:30:36.448160 user 2
2025-08-18 10:51:36.448160 user_4
                                    login
2025-08-18 10:29:36.448160 user_3
                                   logout
2025-08-18 10:42:36.448160 user 5
                                   email sent
                                    email sent
2025-08-18 11:49:36.448160 user 8
2025-08-18 11:27:36.448160 user 9
                                    file access
2025-08-18 11:22:36.448160 user_2
                                    file_access
2025-08-18 11:40:36.448160 user 4
                                    file access
2025-08-18 11:50:36.448160 user 5
                                    login
2025-08-18 10:55:36.448160 user 1
                                    network connection
```

message

logout event.

Connection to www.suspicious-site-1.com on port 8080

logout event.

Connection to www.suspicious-site-2.com on port 8080

Email sent from Jane Doe to John Doe about Project X and the London office.

Email sent from Jane Doe to John Doe about Project X and the London office.

Connection to www.suspicious-site-4.com on port 8080

Connection to www.suspicious-site-5.com on port 8080

Accessed sensitive document path: /home/user_8/docs/private_file_3.txt

User logged in from IP 192.168.1.123

Accessed sensitive document path: /home/user_7/docs/private_file_3.txt logout event.

User logged in from IP 192.168.1.71

User logged in from IP 192.168.1.87

Email sent from Jane Doe to John Doe about Project X and the London office.

Accessed sensitive document path: /home/user_9/docs/private_file_1.txt

Email sent from Jane Doe to John Doe about Project X and the London office.

Connection to www.suspicious-site-1.com on port 8080

User logged in from IP 192.168.1.147

Accessed sensitive document path: /home/user_4/docs/private_file_1.txt

Email sent from Jane Doe to John Doe about Project X and the London office.

Connection to www.suspicious-site-5.com on port 8080

logout event.

Accessed sensitive document path: /home/user_6/docs/private_file_1.txt

User logged in from IP 192.168.1.70

Accessed sensitive document path: /home/user_1/docs/private_file_3.txt

User logged in from IP 192.168.1.207

User logged in from IP 192.168.1.224

Accessed sensitive document path: /home/user_10/docs/private_file_4.txt

logout event.

logout event.

logout event.

Accessed sensitive document path: /home/user_10/docs/private_file_4.txt

Email sent from Jane Doe to John Doe about Project X and the London office.

Email sent from Jane Doe to John Doe about Project X and the London office.

User logged in from IP 192.168.1.199

User logged in from IP 192.168.1.218

User logged in from IP 192.168.1.24

Email sent from Jane Doe to John Doe about Project X and the London office.

Connection to www.suspicious-site-4.com on port 8080

User logged in from IP 192.168.1.228

logout event.

Connection to www.suspicious-site-2.com on port 8080

Accessed sensitive document path: /home/user_10/docs/private_file_2.txt

Connection to www.suspicious-site-2.com on port 8080

logout event.

User logged in from IP 192.168.1.97

Accessed sensitive document path: /home/user_3/docs/private_file_5.txt

Connection to www.suspicious-site-1.com on port 8080

logout event.

logout event.

Connection to www.suspicious-site-5.com on port 8080

 $\label{eq:mail_sent_from_Jane_Doe} \ \ \text{Doe to John Doe about Project X} \ \ \text{and the London office}.$

logout event.

Accessed sensitive document path: /home/user_8/docs/private_file_5.txt

User logged in from IP 192.168.1.63

logout event.

Connection to www.suspicious-site-3.com on port 8080

Email sent from Jane Doe to John Doe about Project X and the London office.

Connection to www.suspicious-site-1.com on port 8080

User logged in from IP 192.168.1.22

Accessed sensitive document path: /home/user 10/docs/private file 5.txt

User logged in from IP 192.168.1.197

User logged in from IP 192.168.1.9

Accessed sensitive document path: /home/user_3/docs/private_file_4.txt

User logged in from IP 192.168.1.209

Connection to www.suspicious-site-1.com on port 8080

Connection to www.suspicious-site-3.com on port 8080

logout event.

Email sent from Jane Doe to John Doe about Project X and the London office. logout event.

Connection to www.suspicious-site-1.com on port 8080

User logged in from IP 192.168.1.126

Connection to www.suspicious-site-4.com on port 8080

User logged in from IP 192.168.1.79

Email sent from Jane Doe to John Doe about Project X and the London office.

Connection to www.suspicious-site-5.com on port 8080

Connection to www.suspicious-site-3.com on port 8080

User logged in from IP 192.168.1.49

Email sent from Jane Doe to John Doe about Project X and the London office.

User logged in from IP 192.168.1.90

User logged in from IP 192.168.1.141

Accessed sensitive document path: /home/user_4/docs/private_file_4.txt

Connection to www.suspicious-site-5.com on port 8080

Accessed sensitive document path: /home/user_9/docs/private_file_4.txt

Accessed sensitive document path: /home/user_3/docs/private_file_2.txt

Connection to www.suspicious-site-1.com on port 8080

User logged in from IP 192.168.1.19

logout event.

Email sent from Jane Doe to John Doe about Project X and the London office.

Email sent from Jane Doe to John Doe about Project X and the London office.

Accessed sensitive document path: /home/user_9/docs/private_file_5.txt

Accessed sensitive document path: /home/user_4/docs/private_file_3.txt

User logged in from IP 192.168.1.224

Connection to www.suspicious-site-3.com on port 8080