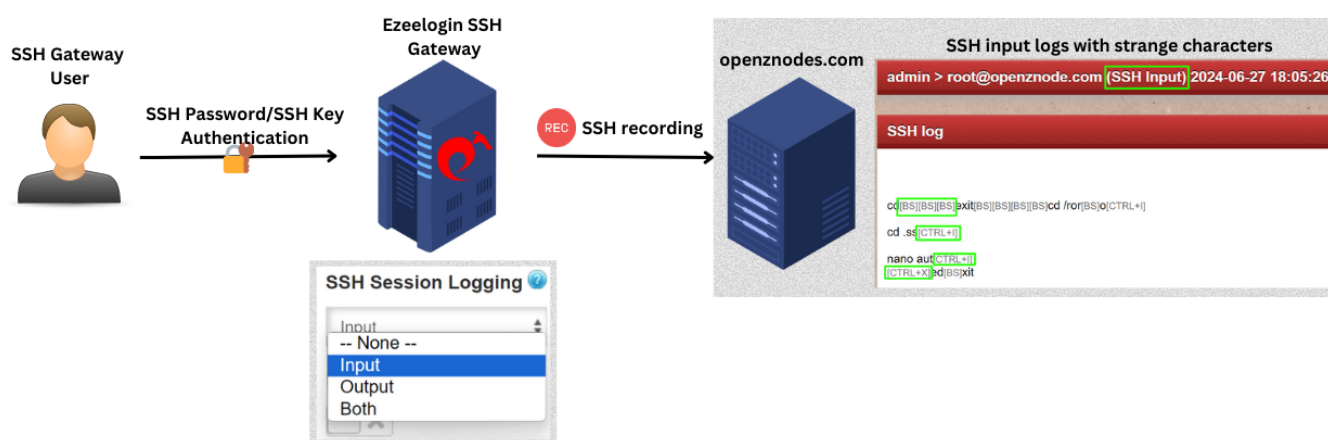


strange characters in the SSH logs recordings

63 admin October 1, 2024 [Common Errors & Troubleshooting](#), [Features & Functionalities](#)
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Invisible control characters in the SSH logs recorded

Overview: This article describes how the SSH session recording logs every key press of the Ezeelogin gateway users which appear as strange characters in the logs and explains the different modes in SSH session logging.



The [SSH session recording](#) feature logs every single key press including non-printable ones like the backspace key, CTRL keys, function keys, and others, resulting in the appearance of unusual characters in the logs.

```
qui[BS][BS][BS]cd /roo[BS][BS][BS]root -----> [BS] would be a backspace
cd .ssh
ls -la
nano au[CTRL+I]
[CTRL+X]exit
```

Different modes in SSH Session Logging:

- **None:** When the SSH session recording mode is 'None', it means no logging.
- **Input:**When the SSH session recording is set to 'Input' mode, it logs **every single**


```

| id | user_id | server_id | serveractivity_id | ssh_user | type | status | reason | file | comments | encryption |
mexecid | created | mtime | finished |
+---+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+
| 1 | 1 | 1 | 1 | 1 | root | full | end | NULL | /var/log/ezlogin/full/admin/root~Production
Server~Tue_May_28_12:14:35_2024 | NULL | 0 | 2024-05-28 12:14:37 | 2024-05-28 17:44:43 | 1 |
| 2 | 3 | 1 | 1 | 3 | jini | full | end | NULL | /var/log/ezlogin/full/John/jini~Production
Server~Tue_May_28_12:34:00_2024 | NULL | 0 | 2024-05-28 12:34:01 | 2024-05-28 18:04:06 | 1 |
| 3 | 3 | 1 | 1 | 4 | jini | full | end | NULL | /var/log/ezlogin/full/John/jini~Production
Server~Tue_May_28_12:38:01_2024 | NULL | 0 | 2024-05-28 12:38:04 | 2024-05-28 18:08:51 | 1 |
| 4 | 3 | 1 | 1 | 5 | jini | full | begin | NULL | /var/log/ezlogin/full/John/jini~Production
Server~Tue_May_28_12:39:04_2024 | NULL | 0 | 2024-05-28 12:39:05 | 2024-05-28 18:09:05 | 0 |
| 5 | 3 | 1 | 1 | 6 | jini | full | end | NULL | /var/log/ezlogin/full/John/jini~Production
Server~Tue_May_28_12:41:32_2024 | NULL | 0 | 2024-05-28 12:41:33 | 2024-05-28 18:11:36 | 1 |

```

Related Articles:

[Record ssh sessions](#)

[View SSH logs of all users](#)

[How to decrypt the encrypted SSH logs in Ezeelogin?](#)

[SSH session logs recorded are blank or unable to view](#)

[View the SSH logs history that was recorded for an SSH gateway user](#)

[Encryption type used for securing users' ssh logs in ezeelogin](#)

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