# Creating usergroup and granting SSH access to the usergroup

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# How to create user groups and grant SSH access to the user group?

**Overview:** This article provides step-by-step instructions for creating user groups and granting SSH access securely.

## What is a user group?

A **user group** is a collection of users with shared characteristics, identified by a specific group name. These groups are used in **Access Control** to manage permissions, restrict or authorize access to servers, features, and other resources.

#### 1. <u>How to create a user group?</u>

To create a new user group Navigate to Users  $\rightarrow$  User Groups  $\rightarrow$  Add.

| ← → C 🛛 😣 Not secur                    | e htt | <ul> <li>★     </li> <li>●     </li> <li>↓      </li> <li>↓     </li> <li>↓     </li> <li>↓     </li> <li>↓     </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li> <li>↓      </li>       &lt;</ul> |                                   |
|--|-------|---|-----------------------------------|
| C Ezeelogin                            |       |   | Wetcome, Administrator Logout     |
| t≣ Servers ►                           | î     | Add User Group  |                                   |
| Web Portals                            |       | Name  | Description                       |
| ±t Users ▼                             |       | qa_testers  | testers                           |
| User Groups                            |       | Priority 🐵  | Force Two Factor Authentication 🥥 |
| ► LDAP                                 |       |   | x                                 |
| <ul> <li>Authentication Log</li> </ul> | 1.7   | Command Guard @   | Cancel Save                       |
| <ul> <li>SSH Log</li> </ul>            |       | Non   |                                   |
| <ul> <li>RDP Recording</li> </ul>      | 22    | - NUIC ¥  |                                   |
| ► SCP Log                              |       | Allow Disallow  |                                   |
| <ul> <li>Web Proxy Log</li> </ul>      |       |   |                                   |
| Web Proxy Activity                     |       |   |                                   |
| <ul> <li>Web Activity</li> </ul>       |       |   |                                   |

### 2. Enforcing <u>Two-Factor Authentication</u> (2FA) for User Groups

For enhanced security, administrators can **mandate 2FA** for specific user groups. This ensures an additional layer of authentication before users can access the system. Enabling 2FA for a user group can be done within the group settings based on organizational security requirements.

| ← → C S Not secure ↓                   | https://cloudweg.com/index.php/base#users/usergroup_form | < ☆ ◎ 끄 ◎ :                       |
|--|--|-----------------------------------|
| C Ezeelogin                            |  | Welcome, Administrator Logout     |
| :≣ Servers ►                           | Add User Group   |                                   |
| Web Portals                            | Name   | Description                       |
| ±t. Users ▼                            | qa_testers   | testers                           |
| ▶ User Groups                          | Priority 🐷   | Force Two Factor Authentication 🥪 |
| ► LDAP                                 |  |                                   |
| <ul> <li>Authentication Log</li> </ul> | Command Guard 🥹  | Cancel Save                       |
| <ul> <li>SSH Log</li> </ul>            | None 🛔   |                                   |
| <ul> <li>RDP Recording</li> </ul>      |  |                                   |
| ▶ SCP Log                              | Allow Disallow   |                                   |
| <ul> <li>Web Proxy Log</li> </ul>      |  |                                   |

# 3. How to grant SSH access to a particular user group?

To grant SSH Access (Ezsh) for a particular user group navigate to Access Control  $\rightarrow$  UserGroup Action $\rightarrow$  UserGroup Action $\rightarrow$  Ezsh Shell as shown below:

| C Ezeelogin                               | Velcome, Administrator Logout                          |
|---|--|
| E Servers                                 |  |
| 🖬 Web Portals 🔹 🕨                         |  |
| ±t Users ►                                | Control the access of a user group to specific actions |
| Access Control                            | User Group<br>qa_testers  \$                           |
| <ul> <li>UserGroup-ServerGroup</li> </ul> | Actions  |
| <ul> <li>User-ServerGroup</li> </ul>      | Promit all Collarse all - Select all - Tomic selection |
| ► User-Server                             |  |
| <ul> <li>UserGroup-PortalGroup</li> </ul> | r = □ □ Gateway (aka Bastion Host)                     |
| User-PortalGroup                          |  |
| <ul> <li>User-Portal</li> </ul>           | - D Allow SFTP   |
| <ul> <li>UserGroup-Action</li> </ul>      | I D Allow Mosh (https://mosh.org)                      |
| User-Action                               | a Diservers  |
| ► User-SSHKey                             |  |
| ⁰ <sub>o</sub> Settings >>                | Command Guard Manager     Command Guard Manager        |
| 🛞 Cluster                                 |  |
| Command Guard                             |  |
| 脅 Account 🔹 🕨                             |  |
| 🔇 Help 🕨 🕨                                | Cancel Save  |
|   |  |

To enable SSH Access via web browser for a particular User Group you need to grant the privilege to access the web shell feature by navigating to Access Control  $\rightarrow$  UserGroup-Action  $\rightarrow$  select user group  $\rightarrow$  Servers  $\rightarrow$  web ssh Console.

| C Ezeelogin                     |                        |   |                         | L Web | ome, Administrator Logout                |  |  |  |
|---------------------------------|------------------------|---|-------------------------|-------|--|--|--|--|
| III Servers                     |                        |   |                         |       |  |  |  |  |
| 15 Mark Doctor                  |                        | Control the access of a user gro                                      | oup to specific actions |       | 0  |  |  |  |
| Web Portais                     | 1                      | User Group  |                         |       | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 |  |  |  |
| ±t Users ►                      |                        | qa_testers \$   |                         |       | - 57                                     |  |  |  |
| Access Control                  |                        | Actions<br>Examina all - Collasse all - Select all - Toyale selection |                         |       |  |  |  |  |
|                                 | ne.                    | 🛊 🔳 🗅 Gateway (aka Bastion Host)                                      |                         |       |  |  |  |  |
|                                 | 20                     | e 🗏 🖼 Servers   | -                       |       |  |  |  |  |
|                                 | al. c                  | - C C Add Server  |                         |       |  |  |  |  |
|                                 | 300                    | Delete Server   |                         |       |  |  |  |  |
|                                 | 2.1                    | View IP Address   |                         |       | 2.20                                     |  |  |  |
| N User Putta                    | 1520                   | - View Super Groups   |                         |       |  |  |  |  |
| UserGroup-Action                |                        | - View Password   |                         |       | 124                                      |  |  |  |
|                                 | 200                    | View SSH Private Ke     View Encrypted Ser                            | ey and Passphrase       |       |  |  |  |  |
| <ul> <li>User-SSHKey</li> </ul> | ~                      | - Allow Parallel Shell  | VEL FROMS               |       | 2.5                                      |  |  |  |
| o Settings ►                    | 1. 2. 2.               | - Windows RDP Login   | n                       |       |  |  |  |  |
|                                 | 13.915                 | Control Panel Login   |                         |       |  |  |  |  |
|                                 | The St                 | - C C Data Center Cogni   | gin                     |       | 100                                      |  |  |  |
| Command Guard                   | N.Y.Y.                 | - D IPMI login  |                         |       | 5.82                                     |  |  |  |
| Command Guard                   | 1                      | Reset Server Passw     Reset Server Passw     Setup Authenticatio     | ord                     |       |  |  |  |  |
| 🐔 Account 🔹 🕨                   | Se. 1 -                | - C C Reset Server Finger   | print                   |       |  |  |  |  |
|                                 | 1222                   | Add Server Group  |                         |       |  |  |  |  |
| O Help                          | 1.45                   | Edit Server Group   | _                       |       | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 |  |  |  |
| License                         | Se al                  | - D Decte Server Group  | P                       |       | 1.22                                     |  |  |  |
|                                 | 253                    | Add mExec List  |                         |       | 2.7                                      |  |  |  |
|                                 | and a                  | Edit mExec List     Delete mExec List                                 |                         |       |  |  |  |  |
|                                 | 100                    | Change Servers In   | mExec List              |       | 63.                                      |  |  |  |
| C exeelogin.com                 | 12                     | - D D View Sub SSH User   |                         |       |  |  |  |  |
|                                 | 1. 1                   | Add Sub SSH User  |                         |       | 2.0                                      |  |  |  |
|                                 | 2.36                   | - Delete Sub SSH Use  | er                      |       | 100                                      |  |  |  |
|                                 | 100                    | View Sub SSH User   | Maps                    |       |  |  |  |  |
|                                 | 3:33                   | Add Sub SSH User I     Edit Sub SSH User I                            | Maps<br>Mans            |       |  |  |  |  |
|                                 | 2                      | - Delete Sub SSH Use  | er Maps                 |       | 225                                      |  |  |  |
|                                 | 1.1                    | Add Private Key   |                         |       | 200                                      |  |  |  |
|                                 | 3696                   | Edit Private Key     Delete Private Key                               |                         |       | -  |  |  |  |
|                                 | 12/2                   | SSH Tunnel  |                         |       | 22                                       |  |  |  |
|                                 | SEY                    | Web SSH Console   | ←                       |       | 1.80                                     |  |  |  |
|                                 | ~                      | Web File Transfer     Web File Transfer     Web Credential Hist       | tory                    |       |  |  |  |  |
|                                 | 2.2                    | - D Throttle Remote Lo  | gins                    |       |  |  |  |  |
|                                 | 1000                   | Limit Concurrent Re   | emote Logins            |       |  |  |  |  |
|                                 | 1000                   | • D D Users   |                         |       | 100                                      |  |  |  |
|                                 | Sec. 4                 | Access Controls     Settings  |                         |       |  |  |  |  |
|                                 | 200                    | • 🗆 🗅 Command Guard Mar   | nager                   |       |  |  |  |  |
|                                 | 2.5                    | 🖲 🛄 Help  |                         |       |  |  |  |  |
|                                 | P □ Quster             |   |                         |       |  |  |  |  |
|                                 | 1000                   | a la arterrortais   |                         |       |  |  |  |  |
|                                 | Authorization Password |   |                         |       |  |  |  |  |
|                                 |                        |   |                         |       |  |  |  |  |
|                                 |                        |   |                         |       |  |  |  |  |
|                                 |                        |   |                         |       |  |  |  |  |

The web shell feature allows you to establish an SSH connection through a web browser without requiring an SSH terminal.

Web Shell will work only if the web interface is accessed via HTTPS and uses 2FA to log in. Refer to Enforce 2FA or Enable Google 2FA and install SSL Certificates and Enforce Https

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Online URL:

https://www.ezeelogin.com/kb/article/creating-usergroup-and-granting-ssh-access-to-theusergroup-610.html