

Understanding Jump Host Servers

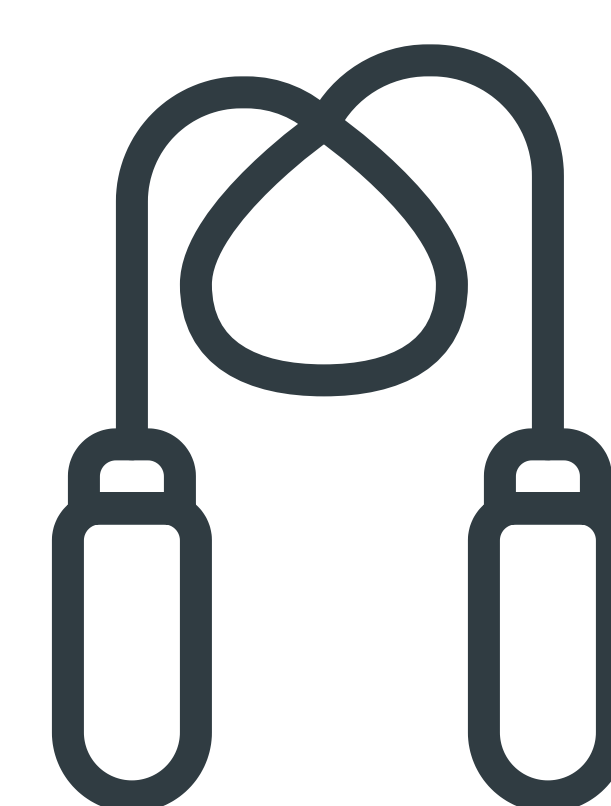


Key Points:

1

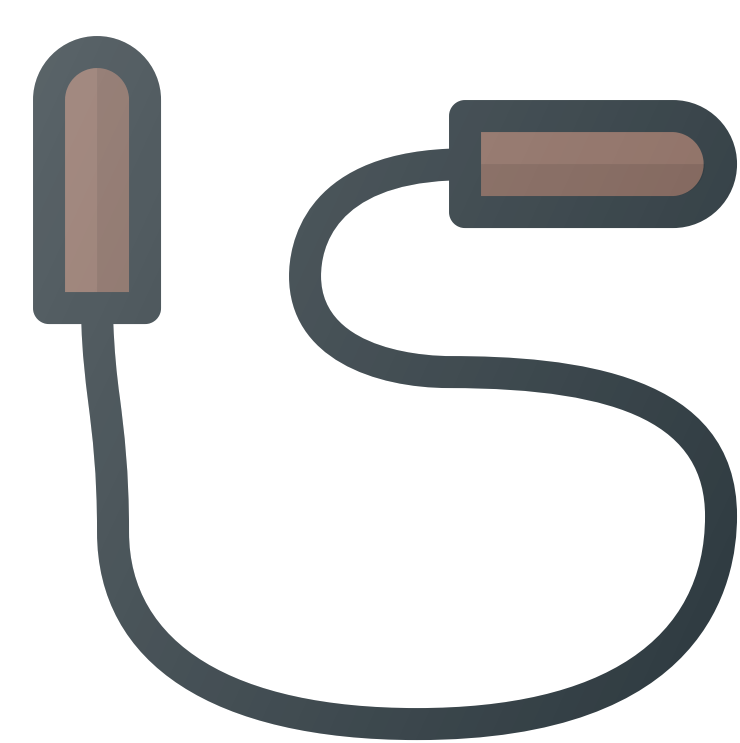
What is a Jump Host Server?

A **jump server** is an intermediary device responsible for funneling traffic through firewalls using a supervised secure channel.



Benefits of Using a Jump Host Server

2



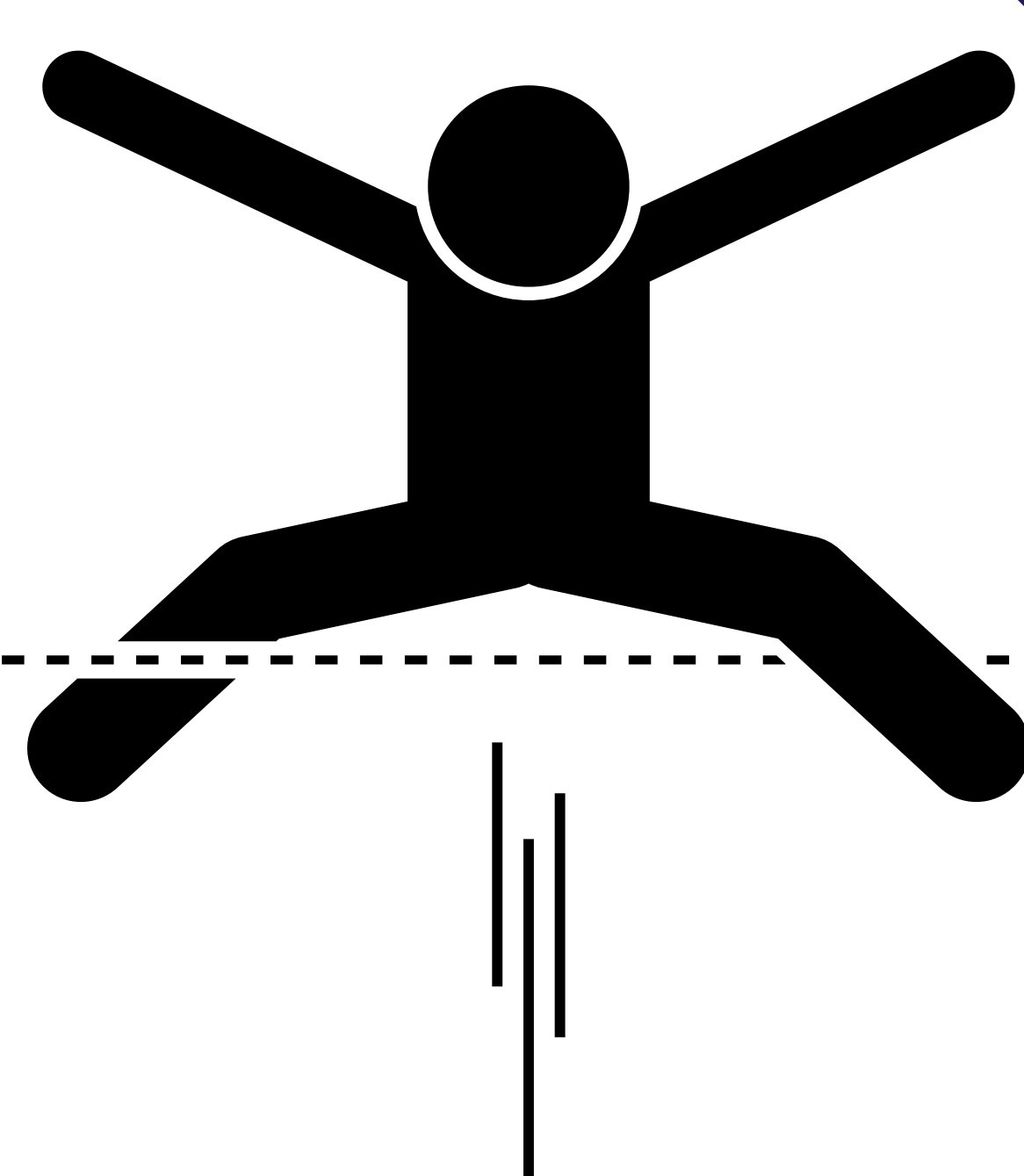
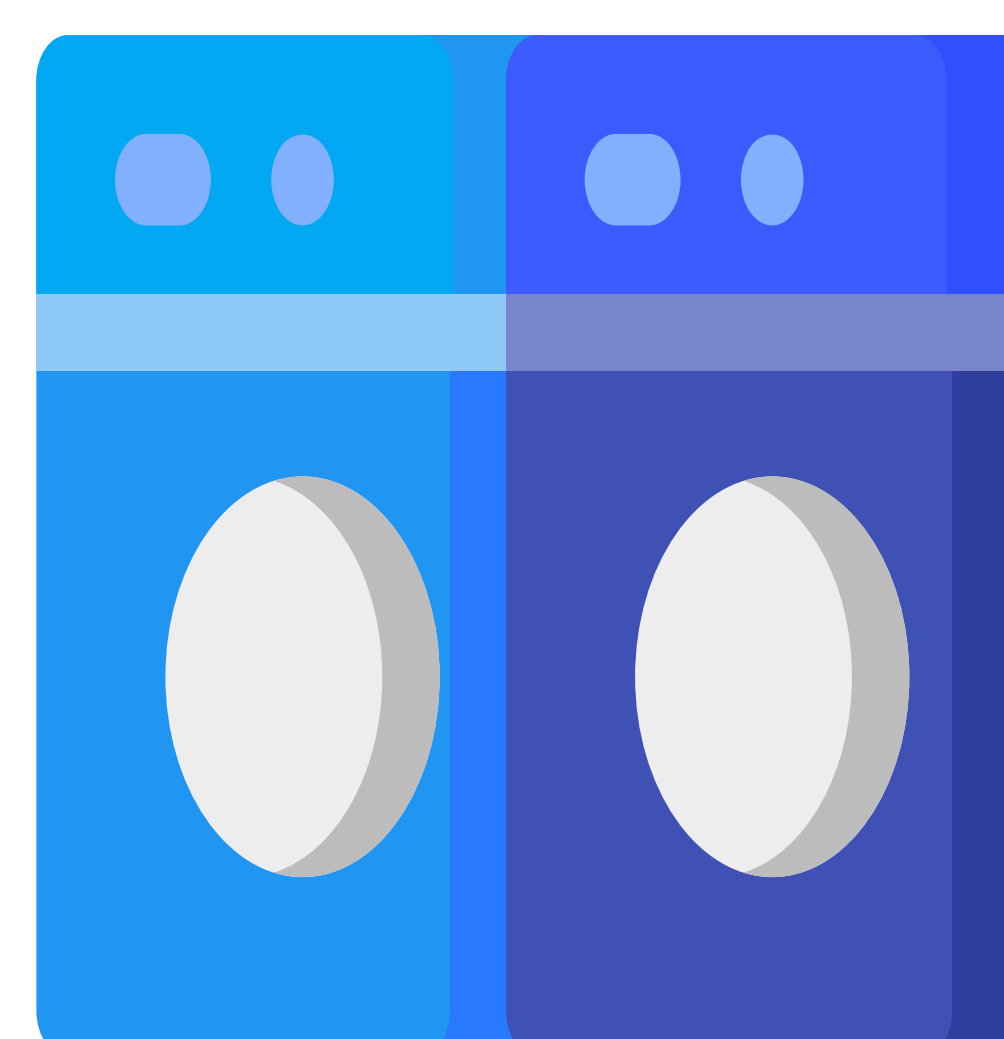
- Centralized Authentication.
- Access Control
- Reduced Attack Surface
- Auditing and Logging

3

How Does a Jump Host Server Work?

It works in 3 steps:

- **Secure Connection**- The connects to the Jump Host Server using a secure method.
- **Authentication**- Once connected to the Jump Host Server, the user needs to prove they're allowed to access it.
- **Accessing Internal Servers**- The user can now reach other servers within the internal network.



Summary

Jump host servers remain a vital tool for network administrators seeking a secure and controlled method to access critical systems.