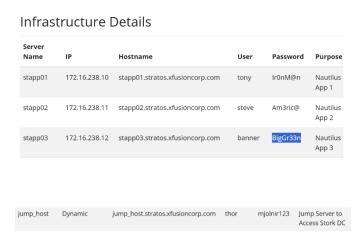
Day1:

Create a user named anita with a non-interactive shell on App Server 3.



First hop onto the jump server

The **Jump Host** (also called a *bastion host*) is used for **secure access** into private servers inside a datacenter or cloud network.

- Application servers (like stapp01, stapp02, stapp03) are usually kept in a private network with no direct public internet access.
- The Jump Host sits in the middle and is the only entry point exposed to the outside world.

Jump Host is like a security gatekeeper to the datacenter and it is publicly accessible

Step 1:

ssh thor@jump_host or ssh thor@Hostname

Step2:

SSH into App Server 3

ssh banner@stapp03

Step3:

Create user mark with non-interactive shell

You can set the shell as /sbin/nologin (preferred for non-interactive accounts) or /bin/false.

Interactive shell → /bin/bash (or another shell like /bin/sh, /bin/zsh)

sudo useradd -s /sbin/nologin mark

-s option in the useradd command is used to specify the login shell for the new user. If we do not specify -s user will get assigned with default login shell

Step4: verify the user

grep mark /etc/passwd

Each line in /etc/passwd represents one user account.

anita:x:1002:1002::/home/anita:/sbin/nologin

X is password. Real password hash is stored securely in /etc/shadow

0 = root

1-999 system users

1000+ normal human users