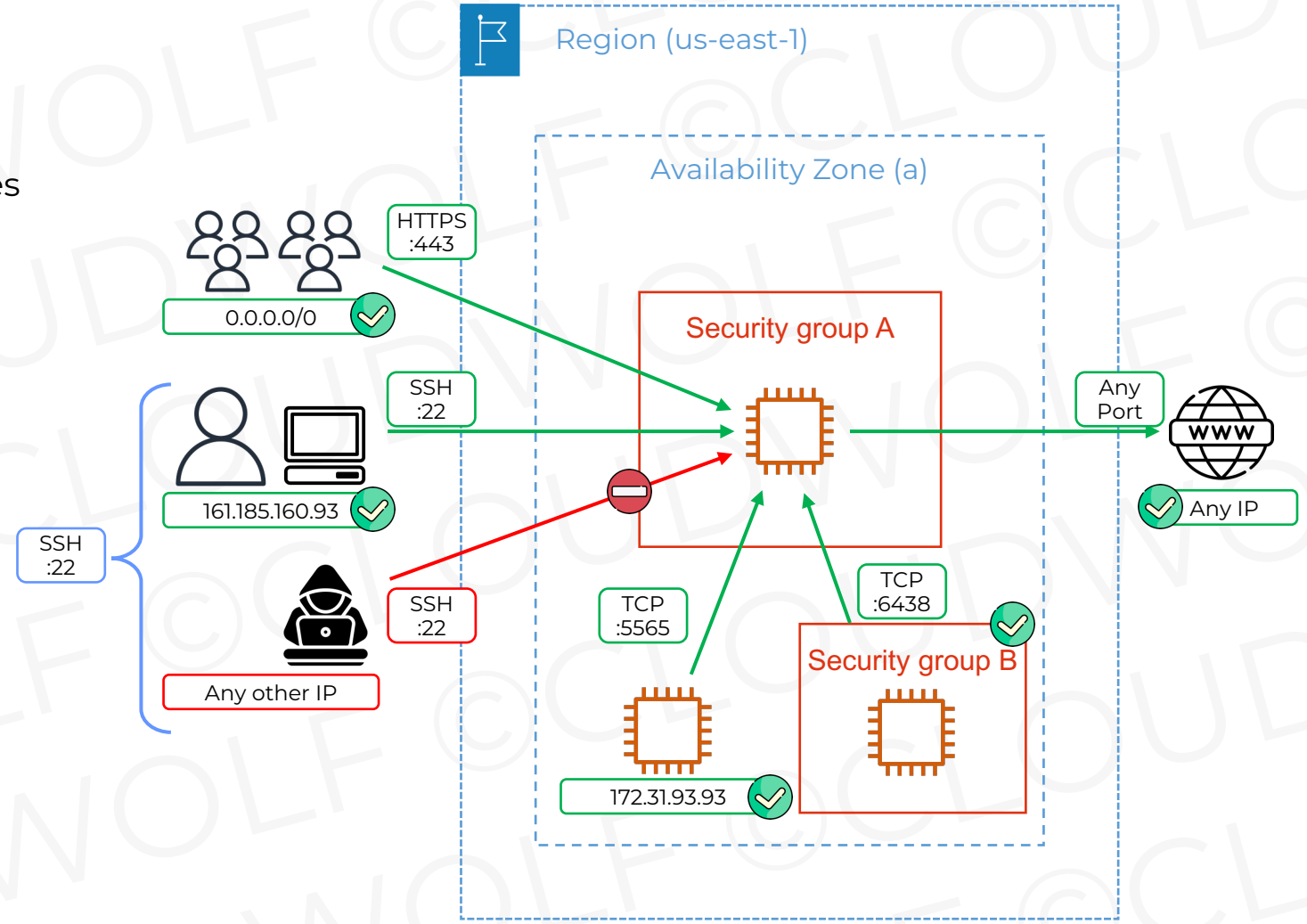
EC2 SECURITY GROUPS

How security groups work:

- Security groups are **attached per resource**
- Control **traffic** via Ports, Protocols, IP Addresses
- By default:
  - all *in-bound* traffic is denied
  - all *out-bound* is allowed
- You can only specify "explicit allow" rules
- You **cannot specify "explicit deny" rules**
- Many-to-many configuration:
  - Can attach multiple security groups to one instance
  - Can attach same security group to multiple instances
- (Advanced) Can reference other security groups instead of IP addresses



EC2 SECURITY GROUPS

Remember these Ports:

- 21 – File Transfer Protocol (FTP)
- 22 – Secure Shell Protocol (SSH)
- 80 – Hypertext Transfer Protocol (HTTP)
- 443 – Hypertext Transfer Protocol Secure (HTTPS)
- 3389 – Remote Desktop Protocol (RDP)

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