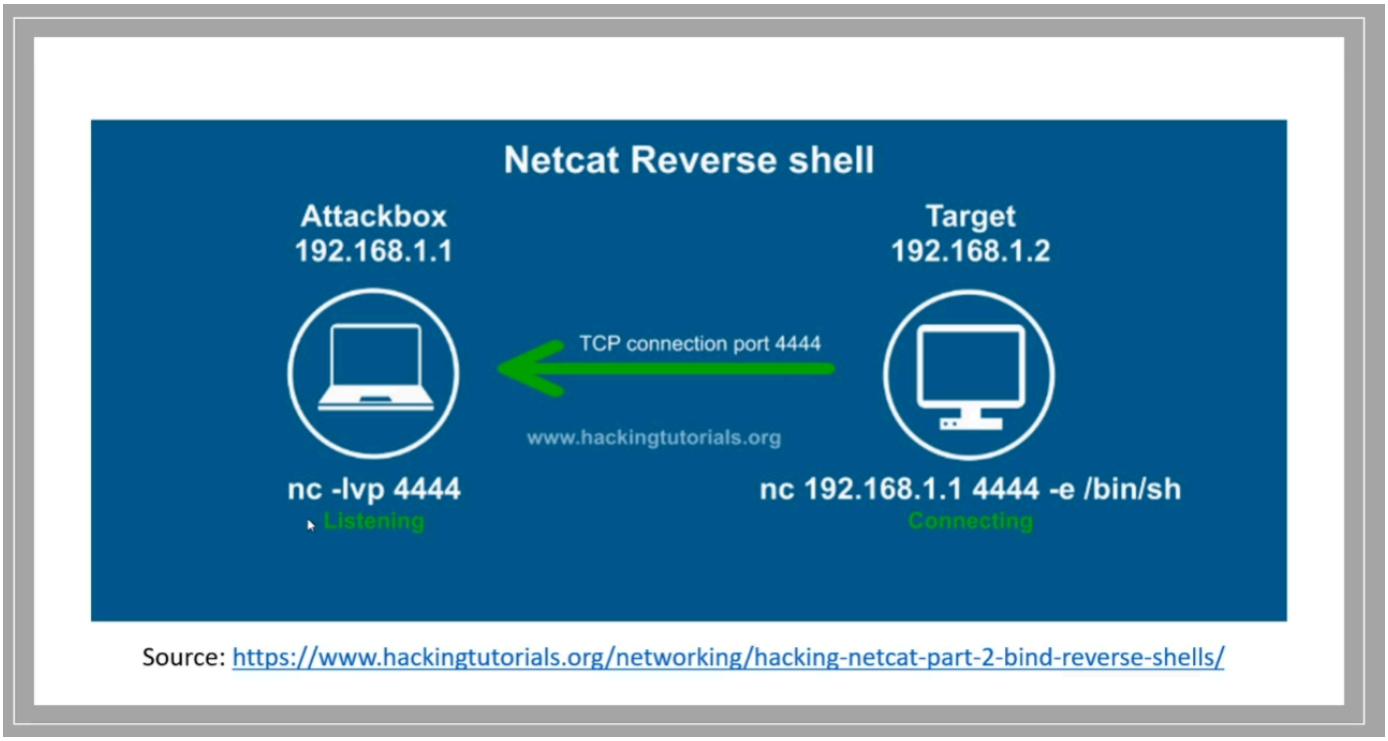
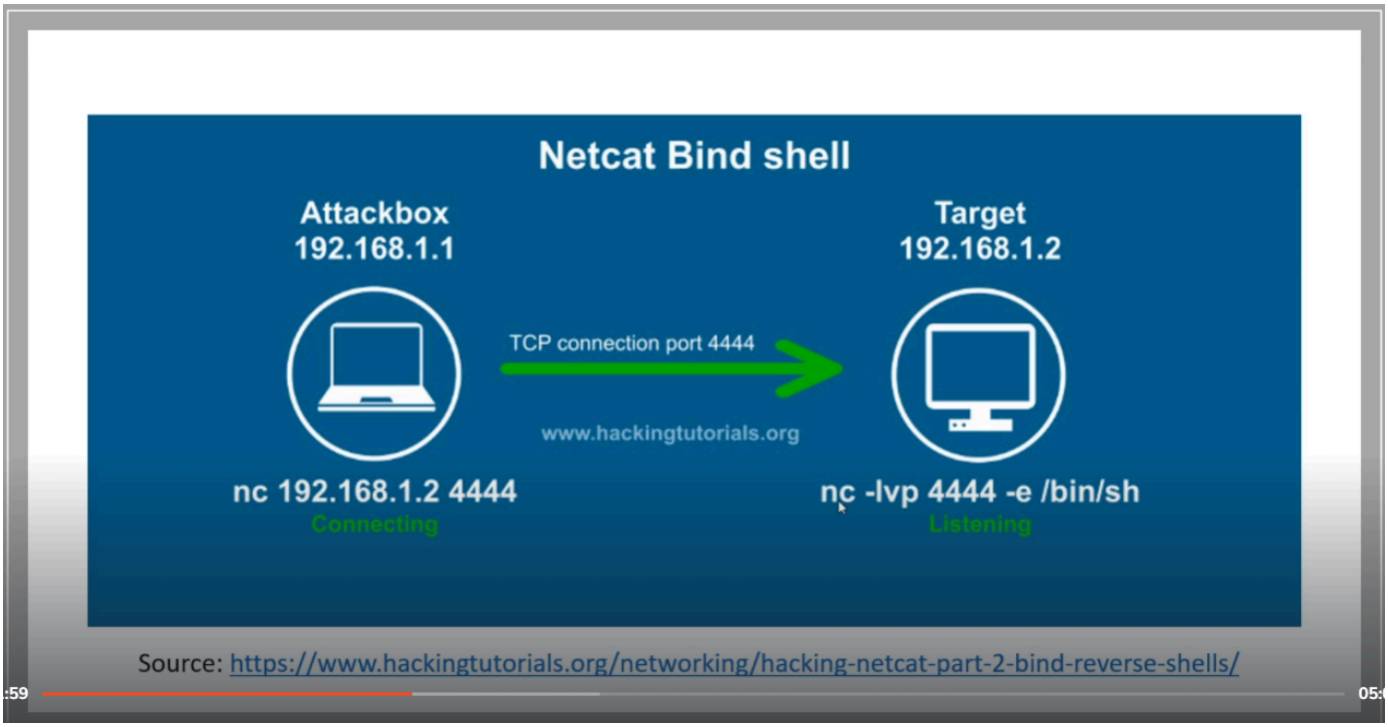
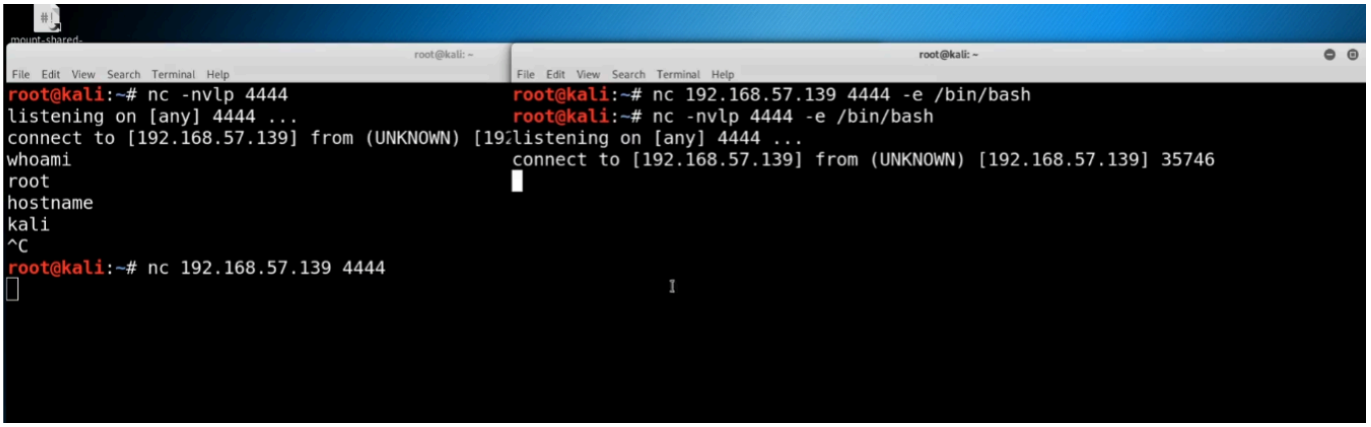
Reverse Shells vs. Bind Shells





Bind shells are most likely going to be used in External assessments. Search to find more information on this. Quick explanation is because to reverse shell from a public Ip address to a private one, we

would need to open that port on the firewall plus change some other configurations as well. So, it is easier to open a specific port on the External Network, and "nat" our way to that open port. And, that is why Bind shells are mostly used in External Pentesting.



So, the victim is always the one to provide the shell. When we use reverse shell, the victim is connecting back and executing a shell (" -e /bin/bash"). And, when we use bind shell, the victim should be listening for that connection and ready to execute a shell as well ("-e /bin/bash").