# Project 2 - Remote Access Research and Integration

💡 We've hired Tanisha,  a <u>remote</u> systems administrator.  This administrator will have access to our most sensitive systems via MGMT02 on the MGMT Segment.  We need to ensure that the access method is secure, encrypted and features multiple authentication steps.

Your job is to allow Tanisha the ability to administer the network via RDP session into MGMT02.  You will research and deploy a VPN solution to make this happen.  The VPN server should be deployed to either edge01 or jump.  You have wide discretion in picking the solution to use.  Some of these include OpenVPN, Wireguard, Zerotier, Radius, Teleport as well as many others.  You will also need to employ new firewall rules and possibly zones to enable the DMZ based VPN server to connect to MGMT02. (note, Chrome Remote Desktop is not what we are after).

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Deliverable 1.  Create a github content article on your vpn solution.
Comprehensively document your actions and the configurations
necessary on edge01 or jump, traveler and mgmt02.  Submit a link to a
google drive or Canvas Studio based video that demonstrates your
successful connection to mgmt02 via VPN.  The video should also
quickly walk the viewer through your build documentation.
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[Instructor demo](#)

💣 A word on academic integrity.  This is <u>your</u> research project.   There are many well constructed tech journals created by those who have gone before you.  Relying on another student's hard work and documentation will get you into hot water.  If you run into trouble despite working hard, you can reach out to a peer for a helping hand.  Just give credit where credit is due.