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1. Tom can verify Jerry's location by looking up him up on a directory or map (pinpoint on GPS map). The disadvantage of this method is Jerry's device specifically being tracked, meaning he can leave his device at one location and be at another. Have someone or something track his location at all times (have someone go to the location to verify). The disadvantage of this method is having to trust a third party to be accurate and truthful and skilled enough to not be deceived. Have Jerry send his coordinates. Disadvantage is Jerry can find the coordinates of the location Tom is expecting him to be and send it while being at another set of coordinates. Have Jerry send something associated with the location (picture of significant landmark nearby). The disadvantage of this method is a picture from the past can be used or/and a picture taken by someone else on that day can be used to deceive Tom.
2. A pro of an outside attack is easier to remain anonymous. Another pro is easier to implement other devices into the attack (turning it into a DDoD attack). A con to outside attacks is easier to detect and block than inside attacks. Another con is having to get access to the network itself then get access to the servers themselves. A pro of an inside attack is it is harder to prevent than outside attacks. Another pro is inside attacks attack the IaaS layer of the system, which is responsible for monitoring virtual machines. A con is having to be given access to the cloud. Another con is bypassing security measures to make sure the files used to implement the virus can pass the scans.