My Virtual machine still has updates and is very slow from my pc at the dorms, so I will be updating this with screen shots of what I did. But to install the active directory on the VM server you’re are going to need to right-click the **Start**button and choose **Settings** > **Apps** > **Manage optional features** > **Add feature**. This is just getting to where the active directory is. Then Select **RSAT: Active Directory Domain Services and Lightweight Directory Tools.** This is there you download your directory. Then Select “Select “**Install** “, then wait while Windows installs the feature. It should eventually appear as an option under **Start** > **Windows Administrative Tools**. then wait while Windows installs the feature. It should eventually appear as an option under **Start”** > **Windows Administrative Tools**. After it has been installed go ahead and configure it to your VM.