**Cystic Fibrosis VLAN Change Plan**

## **Description**

On ~~Tuesday, March 17~~~~th~~ Thursday March 19 at 6:30AM, OIS will have VLANs 487 & 488 "Med-cys-fibro-pulmon-A" & "Med-cys-fibro-pulmon-B" moved behind the Firewall into the “Workstation Zone”. Firewall rules are listed in the [Firewall ACL on SharePoint](https://share.unc.edu/sites/som/ois/systems/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2Fsites%2Fsom%2Fois%2Fsystems%2FShared%20Documents%2FSchool%20of%20Medicine%20Firewall%2FVLAN%20Firewall%20ACLs&InitialTabId=Ribbon%2EDocument&VisibilityContext=WSSTabPersistence).

## **Actions**

1. ITS will make the necessary Firewall change before work hours on ~~Tuesday, March 17~~~~th~~ Thursday March 19.

## **Test Plan**

1. On the morning of ~~Tuesday, March 17~~~~th~~ Thursday March 19, OIS Firewall Team will check SPLUNK traffic for the VLAN. They will also remotely check four devices within the VLAN using NMAP scans on ports 22, 3389, and 5900 (SSH, RDP, ARD).
2. OIS Client Services (starting as early as 6:30am on March 17th) will verify network access is available on several machines on site. Tests will include activities such as:
   1. Outgoing web connectivity to sites including TIM, etc.
   2. Verify any other network functionality needed for regular business practices
3. Both parties will determine whether the move was successful, or if not, whether adjustments can be completed within an acceptable period of time. If adjustments cannot be made in a desired period of time, the Rollback plan will be executed.

## **Rollback Plan**

1. The machines in VLAN 487 & 488 will be “un-firewalled” (removed from the “Workstation Zone”) and no longer subject to firewall filtering rules. (In other words, ITS will execute an “undo” on previously made Juniper changes.)