**Stage 3**

**Objectives:**

* Install and configure services for FTP, SSH (Linux Server and Router), MySQL and E-mail
* Configure the firewalls on the Windows and Linux Servers to ensure that only traffic for the assignment is allowed through
* Configure the Router firewall to block and log traffic “**Directionally**.”
* Configure the Router to allow only traffic specific to your assignment
* Demonstrate that iptables logging is functional on the Router
* Use TCPDUMP/Wireshark with filters to capture/filter only data specific to your assignment

**Refer to the Project Specifications Document for the correct port assignments for each service**

* Create a read-only user to access your MySQL database
* Create two e-mail users for demonstration purposes
* Use active FTP for FTP transfers
* Refer to the document “Checkpoint 3” for evaluation methods for this stage and for the list of items to be documented and submitted