IERG4841 Marking Scheme for Lab#2

Name: _____

SID: _____

Group: _____

Mission	Marks		Remark
Setup the Server Management Zone	Correct vlan assignment to the server management zone at ASA and switch	/2	server management zone = vlan 11 = switch g0/7, g0/8 g0/7 = 192.168.203.102 g0/8 = 192.168.203.101
	Internal / External hosts cannot access servers inside management zone's servers	/2	set the security level of management zone in ASA = 100 → traffic X flow from low security to high security zones
	VPN service correctly setup at ASA5505	/9	set up VPN → see config → use 192.168.205.1 as the connect point
	Users can access management zone's server after connected to VPN. → set access list to allow IP from VPN pool, deny internal LAN access, at last allow traffic	/2	
Setup the virtualization environment	Correct setup the port group interface at local hypervisor. → show the config (102)	/2	→ external traffic is filtered by ASA, so only need to set internal traffic filtering
	Correct setup the port group interface at remote hypervisor. → show the config (101)	/2	
	vCenter successfully deployed → 203.1	/3	→ administrator @ vsphere.local → admin @ vsphere.local → grant permission
	Additional Admin user created in vCenter	/1	
	Correctly create the cluster group and resource pool. → config vsphere	/1	
	Two hypervisors correctly added to the cluster group. → config vsphere	/1	
Deploy the application servers	Correct deploy three application servers vsphere	/3	→ test by nslookup → use external im.ibc.ann ssh dropped, inside host will use ASA firewall as dns ① ping test from external (all 3 VMs) ② nslookup to .1 and .2 ③ curl -v from mac
	DNS servers correctly setup at VMX-1/2	/2	
	Web servers correctly setup at VMX-1 open 10.3.51.1	/1	
	Create the DMZ zone and protected by the firewall. (IP subnetting + iptables or other methods are accepted as long as the DMZ zone are well protected and function correctly.	/8	
Demo	/ 1		
Late submission			
Total	/ 40		

TA Signature: _____

Stu Signature: _____

Date: _____