**Final Skills Assessment**

Your name: Dang Quynh Chi

Your student ID: s103805253

**Requirement 1:** Configure device names on all switches and routers

|  |
| --- |
| <Fred, Pebbles, Wilma>  >en  #config t  <Pebbles>  ()#hostname Pebbles  <Fred>  ()#hostname Fred  < Wilma >  ()#hostname Wilma |

**Requirement 2:** Config message of the day

|  |
| --- |
| Fred(config)#banner motd "s103805253 Chi"  Pebbles(config)#banner motd "s103805253 Chi"  Wilma(config)#banner motd "s103805253 Chi" |

**Requirement 3:** Config reduntdant trunk links

|  |
| --- |
| Wilma(config)#int range gi1/0/5-6  Wilma(config-if-range)#switchport mode trunk  Pebbles(config)#int range gi1/0/5-6  Pebbles(config-if-range)#switchport mode trunk |

**Requirement 4:** Config router into router on a stick

|  |
| --- |
| Wilma(config)#int gi1/0/11  Wilma(config)#switchport mode trunk |

**Requirement 5:** Fred sub-interface

|  |
| --- |
| Fred(config)#int gi0/0/1.20  Fred(config-subif)#encapsulation dot1Q 20  Fred(config-subif)#ip address 203.34.175.65 255.255.255.192  Fred(config)#int gi0/0/1.120  Fred(config-subif)#encapsulation dot1Q 120  Fred(config-subif)#ip address 103.20.248.1 255.255.248.0  Fred(config)#int gi0/0/1.500  Fred(config-subif)#encapsulation dot1Q 500  Fred(config-subif)#ip address 193.35.200.17 255.255.255.240 |

**Requirement 6:** Loop0 interface config

|  |
| --- |
| Fred(config)#int lo0  Fred(config-if)#ip address 105.60.90.81 255.255.255.248 |

**Requirement 7:** **Shutdown Pebbles ports gi1/0/11-24, gi1/1/1-4**

|  |
| --- |
| Pebbles(config)#int range gi1/0/11-24, gi1/1/1-4  Pebbles(config-if-range)#shutdown |

**Requirement 8:** **Config gi1/0/1-4**

|  |
| --- |
| Pebbles(config)#int range gi1/0/1-4  Pebbles(config-if-range)#switchport mode access  Pebbles(config-if-range)#switchport access vlan 20  Pebbles(config-if-range)#switchport port-security |

**Requirement 9:** **Config gi1/0/7-10**

|  |
| --- |
| Pebbles(config)#int range gi1/0/7-10  Pebbles(config-if-range)#switchport mode access  Pebbles(config-if-range)#switchport access vlan 120 |

**Requirement 10:** Config Management IP

|  |
| --- |
| Pebbles(config)#int vlan 500  Pebbles(config-if)#ip address 193.35.200.19 255.255.255.240  Wilma(config)#int vlan 500  Wilma(config-if)#ip address 193.35.200.18 255.255.255.240 |

**Requirement 10:** blunde

|  |
| --- |
| Pebbles(config)#int vlan 500  Pebbles(config-if)#ip address 193.35.200.19 255.255.255.240  Wilma(config)#int vlan 500  Wilma(config-if)#ip address 193.35.200.18 255.255.255.240 |

**Requirement 11:** Config Management IP

|  |
| --- |
| Pebbles(config)#int range gi1/0/5-6  Pebbles(config-if-range)#channel-group 1 mode passive  Pebbles(config)#int po1  Pebbles (config)#switchport mode trunk  Wilma(config)#int range gi1/0/5-6  Wilma(config-if-range)#channel-group 1 mode active  Wilma(config)#int po1  Wilma(config)#switchport mode trunk |