

Building	Command Config VLANs	Name
	vlan 495	
1	name B1F0	B1F0
	vlan 496	
1	name B1F1	B1F1
	vlan 497	
1	name B1WF	B1WF
	vlan 498	
1	name B1DMZ	B1DMZ
	vlan 499	
1	name B1VIP	B1VIP
	vlan 500	
2	name B2F0	B2F0
	vlan 501	
2	name B2F1	B2F1
	vlan 502	
2	name B2WF	B2WF
	vlan 503	
2	name B2DMZ	B2DMZ
	vlan 504	
2	name B2VIP	B2VIP
	vlan 505	
3	name B3F0	B3F0
	vlan 506	
3	name B3F1	B3F1
	vlan 507	
3	name B3WF	B3WF
	vlan 508	
3	name B3DMZ	B3DMZ
	vlan 509	
3	name B3VIP	B3VIP
	vlan 510	
4	name B4F0	B4F0
	vlan 511	
4	name B4F1	B4F1
	vlan 512	
4	name B4WF	B4WF
	vlan 513	
4	name B4DMZ	B4DMZ
	vlan 514	
4	name B4VIP	B4VIP
	vlan 515	
5	name B5F0	B5F0
	vlan 516	
5	name B5F1	B5F1
	vlan 517	
5	name B5WF	B5WF
	vlan 518	
5	name B5DMZ	B5DMZ
	vlan 519	
5	name B5VIP	B5VIP
	vlan 520	
1	name B1BBC	B1BBC

VTP	enable
(do this for every	configure terminal
Switch except	vtp mode client
the server)	exit
	exit

VLAN name	VLAN number	Default Router IP	Mask	Sub-interface (Main interface is GigabitEthernet0/1/0)
B1WF	497	172.18.184.1	255.255.255.128	GigabitEthernet0/1/0.3
B1DMZ	498	172.18.184.129	255.255.255.128	GigabitEthernet0/1/0.4
B1F1	496	172.18.185.1	255.255.255.128	GigabitEthernet0/1/0.2
B1F0	495	172.18.185.129	255.255.255.192	GigabitEthernet0/1/0.1
B1VIP	499	172.18.185.193	255.255.255.192	GigabitEthernet0/1/0.5
B1BBC	520	172.18.190.1	255.255.254.0	GigabitEthernet0/3/0.1
Distribution				GigabitEthernet0/1/0

Commands:
<pre> config terminal interface GigabitEthernet0/1/0.3 encapsulation dot1Q 497 ip address 172.18.184.1 255.255.255.128 interface GigabitEthernet0/1/0.4 encapsulation dot1Q 498 ip address 172.18.184.129 255.255.255.128 interface GigabitEthernet0/1/0.2 encapsulation dot1Q 496 ip address 172.18.185.1 255.255.255.128 interface GigabitEthernet0/1/0.1 encapsulation dot1Q 495 ip address 172.18.185.129 255.255.255.192 interface GigabitEthernet0/1/0.5 encapsulation dot1Q 499 ip address 172.18.185.193 255.255.255.192 interface GigabitEthernet0/3/0.1 encapsulation dot1Q 520 ip address 172.18.190.1 255.255.254.0 interface GigabitEthernet0/1/0 no shutdown interface GigabitEthernet0/3/0 no shutdown exit exit show ip interface brief </pre>

Sub-interface Config	B1BBC	B1DMZ
RouterB1	<pre> config terminal interface GigabitEthernet0/1/0.6 encapsulation dot1Q 520 ip address 172.18.190.6 255.255.254.0 </pre>	
RouterB2	<pre> config terminal interface GigabitEthernet0/3/0.1 encapsulation dot1Q 520 ip address 172.18.190.2 255.255.254.0 </pre>	<pre> config terminal interface FastEthernet 0/0.4 encapsulation dot1Q 503 ip address 172.18.186.225 255.255.255.240 </pre>
RouterB3	<pre> config terminal interface GigabitEthernet0/3/0.1 encapsulation dot1Q 520 ip address 172.18.190.3 255.255.254.0 </pre>	<pre> config terminal interface FastEthernet 0/0.4 encapsulation dot1Q 508 ip address 172.18.187.1 255.255.255.192 </pre>
RouterB4	<pre> config terminal interface GigabitEthernet0/3/0.1 encapsulation dot1Q 520 ip address 172.18.190.4 255.255.254.0 </pre>	<pre> config terminal interface FastEthernet 0/0.4 encapsulation dot1Q 513 ip address 172.18.188.241 255.255.255.240 </pre>
RouterB5	<pre> config terminal interface GigabitEthernet0/3/0.1 encapsulation dot1Q 520 ip address 172.18.190.5 255.255.254.0 </pre>	<pre> config terminal interface FastEthernet 0/0.4 encapsulation dot1Q 518 ip address 172.18.189.225 255.255.255.224 </pre>

RouterMC	<pre> config terminal ip route 172.18.184.0 255.255.254.0 172.18.190.6 ip route 172.18.186.0 255.255.255.0 172.18.190.2 ip route 172.18.187.0 255.255.255.0 172.18.190.3 ip route 172.18.188.0 255.255.255.0 172.18.190.4 ip route 172.18.189.0 255.255.255.0 172.18.190.5 exit </pre>
RouterB1	<pre> config terminal ip route 0.0.0.0 0.0.0.0 172.18.190.1 </pre>
RouterB2	<pre> config terminal ip route 0.0.0.0 0.0.0.0 172.18.190.1 </pre>
RouterB3	<pre> config terminal ip route 0.0.0.0 0.0.0.0 172.18.190.1 </pre>
RouterB4	<pre> config terminal ip route 0.0.0.0 0.0.0.0 172.18.190.1 </pre>
RouterB5	<pre> config terminal ip route 0.0.0.0 0.0.0.0 172.18.190.1 </pre>

Formulas:		
interface GigabitEthernet0/1/0.3	encapsulation dot1Q 497	ip address 172.18.184.1 255.255.255.128
interface GigabitEthernet0/1/0.4	encapsulation dot1Q 498	ip address 172.18.184.129 255.255.255.128
interface GigabitEthernet0/1/0.2	encapsulation dot1Q 496	ip address 172.18.185.1 255.255.255.128
interface GigabitEthernet0/1/0.1	encapsulation dot1Q 495	ip address 172.18.185.129 255.255.255.192
interface GigabitEthernet0/1/0.5	encapsulation dot1Q 499	ip address 172.18.185.193 255.255.255.192
interface GigabitEthernet0/3/0.1	encapsulation dot1Q 520	ip address 172.18.190.1 255.255.254.0
interface GigabitEthernet0/1/0	no shutdown	
interface GigabitEthernet0/3/0	no shutdown	

B1B8C	520	172.18.190.1	255.255.254.0	GigabitEthernet0/3/0.1
B1F0	495	172.18.185.129	255.255.255.192	GigabitEthernet0/1/0.1
B1F1	496	172.18.185.1	255.255.255.128	GigabitEthernet0/1/0.2
B1WF	497	172.18.184.1	255.255.255.128	GigabitEthernet0/1/0.3
B1DMZ	498	172.18.184.129	255.255.255.128	GigabitEthernet0/1/0.4
B1VIP	499	172.18.185.193	255.255.255.192	GigabitEthernet0/1/0.5