Cisco 857 Router (BT
Business ADSL with 5
Static IPs

Option 1

Cisco WAN interface get Dynamic IP (PPPoA) from BT
LAN Interface (4 Port) get the assigned 5 Static IP addresses
One of the five IPs (217.xx.xx.169) will be assigned to the FE1 (Cisco 1941), any traffic to
217.xx.xx.169 will be routed to the WAN interface of Cisco 1941 to access Sydney service
(located in Sydney LAN, mostly http and https traffic)
One of the five IPs to 217.xx.xx.170 will be assigned to the WAN interface of Sonicwall
Firewall Router which also serve as Internet Access Gateway for LAN users, All trafiic
destined for Sydney LAN will be using FE0 (Cisco 1941) as gateway

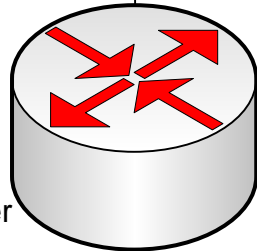WAN Interface DHCP
assigned IP address
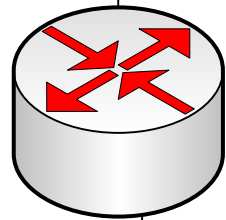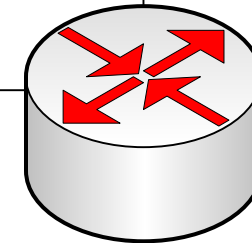
VLan1:217.xx.xx.168/248

LAN
IP:192.168.0.11/24

FE1

Cisco 1941 Router
Sydney (AUS)

LAN
IP:192.168.102.10/24
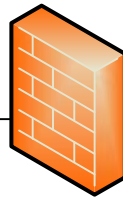
LAN (FE0)
IP:192.168.0.10/24

Cisco 1941 Router
London (UK)

.2

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WAN IP:172.16.2.0/30

MPLS Network

WAN IP:172.16.1.0/30