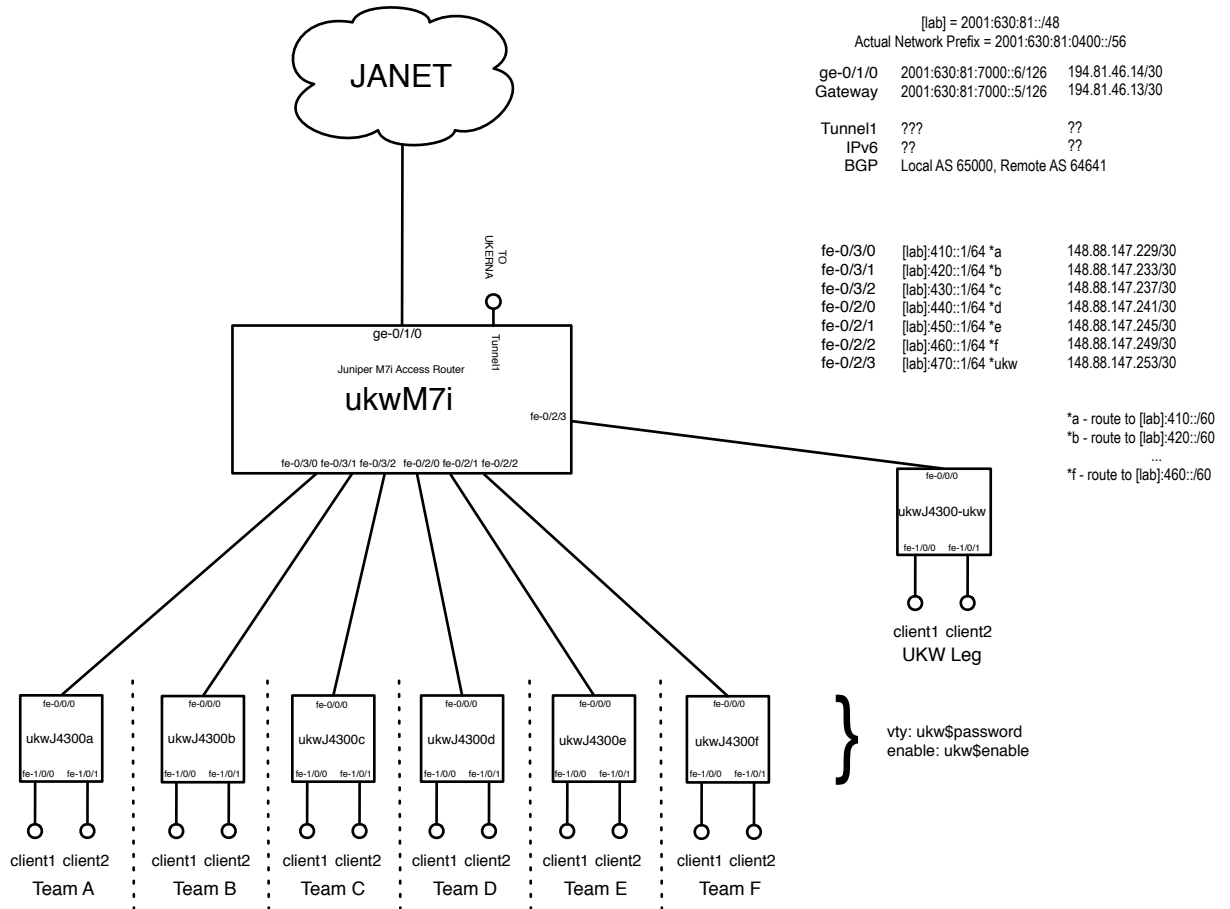


UKERNA IPv6 Workshop at Lancaster Laboratory Network Topology

September 2006



[lab] = 2001:630:81::/48
Actual Network Prefix = 2001:630:81:0400::/56

ge-0/1/0	2001:630:81:7000::6/126	194.81.46.14/30
Gateway	2001:630:81:7000::5/126	194.81.46.13/30
Tunnel1	???	??
IPv6	??	??
BGP	Local AS 65000, Remote AS 64641	

fe-0/3/0	[lab]:410::1/64 *a	148.88.147.229/30
fe-0/3/1	[lab]:420::1/64 *b	148.88.147.233/30
fe-0/3/2	[lab]:430::1/64 *c	148.88.147.237/30
fe-0/2/0	[lab]:440::1/64 *d	148.88.147.241/30
fe-0/2/1	[lab]:450::1/64 *e	148.88.147.245/30
fe-0/2/2	[lab]:460::1/64 *f	148.88.147.249/30
fe-0/2/3	[lab]:470::1/64 *ukw	148.88.147.253/30

*a - route to [lab]:410::/60
*b - route to [lab]:420::/60
...
*f - route to [lab]:460::/60

Team	Switch	Interface	IPv6 Address	IPv4 Address
Team A	ukwJ4300a	fe-0/0/0	[lab]:410::2/64	148.88.147.230/30
		fe-1/0/0	[lab]:412::1/64	148.88.147.1/29
		fe-1/0/1	[lab]:414::1/64	148.88.147.9/29
		client 1	[lab]:412:(autocnf)	148.88.147.2/29
client 2	[lab]:414:(autocnf)	148.88.147.10/29		
ASN 65001				
Team B	ukwJ4300b	fe-0/0/0	[lab]:420::2/64	148.88.147.234/30
		fe-1/0/0	[lab]:422::1/64	148.88.147.17/29
		fe-1/0/1	[lab]:424::1/64	148.88.147.25/29
		client 1	[lab]:422:(autocnf)	148.88.147.18/29
client 2	[lab]:424:(autocnf)	148.88.147.26/29		
ASN 65002				
Team C	ukwJ4300c	fe-0/0/0	[lab]:430::2/64	148.88.147.238/30
		fe-1/0/0	[lab]:432::1/64	148.88.147.33/29
		fe-1/0/1	[lab]:434::1/64	148.88.147.41/29
		client 1	[lab]:432:(autocnf)	148.88.147.34/29
client 2	[lab]:434:(autocnf)	148.88.147.42/29		
ASN 65003				
Team D	ukwJ4300d	fe-0/0/0	[lab]:440::2/64	148.88.147.242/30
		fe-1/0/0	[lab]:442::1/64	148.88.147.49/29
		fe-1/0/1	[lab]:444::1/64	148.88.147.57/29
		client 1	[lab]:442:(autocnf)	148.88.147.50/29
client 2	[lab]:444:(autocnf)	148.88.147.58/29		
ASN 65004				
Team E	ukwJ4300e	fe-0/0/0	[lab]:450::2/64	148.88.147.246/30
		fe-1/0/0	[lab]:452::1/64	148.88.147.65/29
		fe-1/0/1	[lab]:454::1/64	148.88.147.73/29
		client 1	[lab]:452:(autocnf)	148.88.147.66/29
client 2	[lab]:454:(autocnf)	148.88.147.74/29		
ASN 65005				
Team F	ukwJ4300f	fe-0/0/0	[lab]:460::2/64	148.88.147.250/30
		fe-1/0/0	[lab]:462::1/64	148.88.147.81/29
		fe-1/0/1	[lab]:464::1/64	148.88.147.89/29
		client 1	[lab]:462:(autocnf)	148.88.147.82/29
client 2	[lab]:464:(autocnf)	148.88.147.90/29		
ASN 65006				
UKW Leg				
ukwJ4300-ukw		fe-0/0/0	[lab]:470::2/64	148.88.147.254/30
		fe-1/0/0	[lab]:472::1/64	148.88.147.97/29
		fe-1/0/1	[lab]:474::1/64	148.88.147.105/29
		client 1	[lab]:472:(autocnf)	148.88.147.98/29
		client 2	[lab]:474:(autocnf)	148.88.147.106/29
ASN 65007				