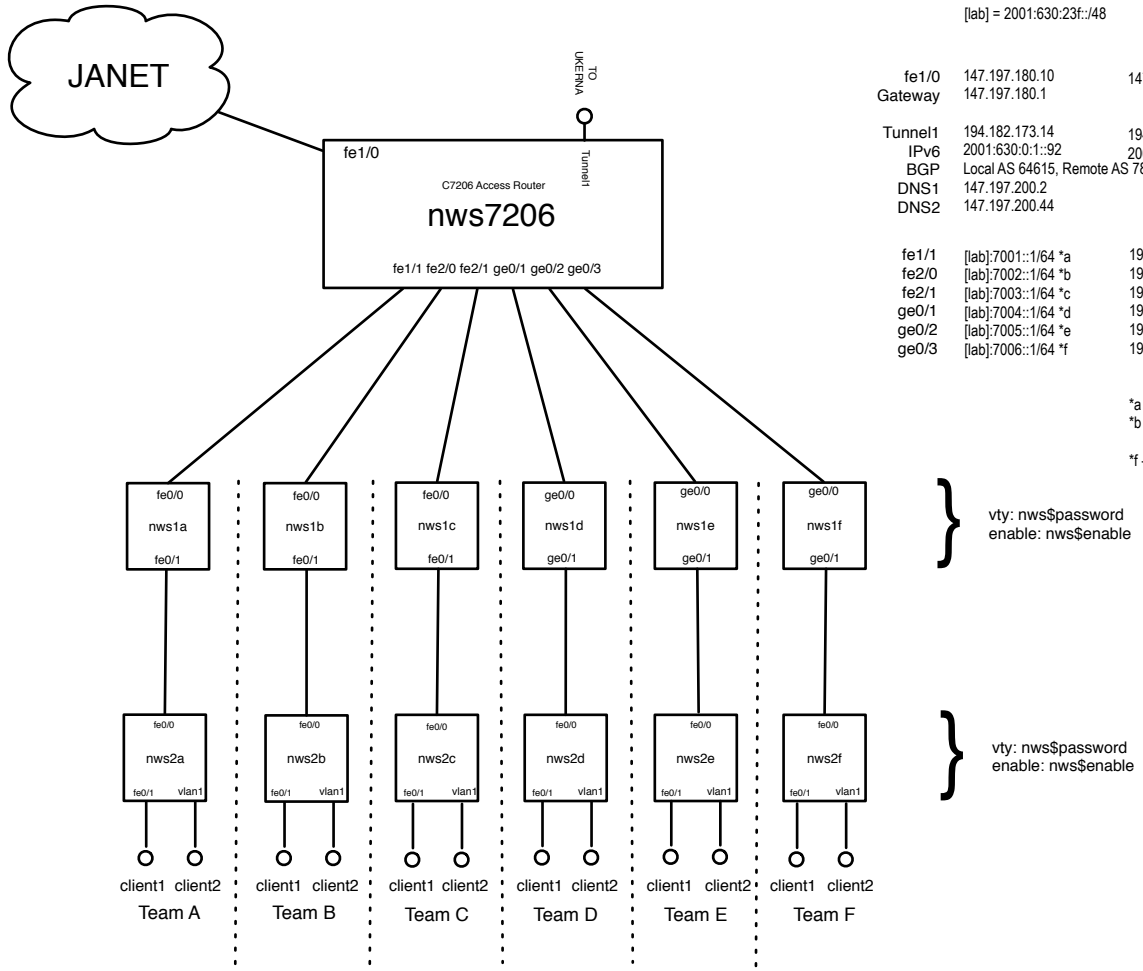
UKERNA Multicast Workshop at Networkshop 2006
Laboratory Network Topology (v1.11 29th March)



[lab] = 2001:630:23f::/48

fe1/0	147.197.180.10	147.197.180.0/24
Gateway	147.197.180.1	
Tunnel1	194.182.173.14	194.182.173.12/30
IPv6	2001:630:0:1::92	2001:630:0:1::90/126
BGP	Local AS 64615, Remote AS 786	
DNS1	147.197.200.2	
DNS2	147.197.200.44	

fe1/1	[lab]:7001::1/64 *a	193.61.85.229/30
fe2/0	[lab]:7002::1/64 *b	193.61.85.233/30
fe2/1	[lab]:7003::1/64 *c	193.61.85.237/30
ge0/1	[lab]:7004::1/64 *d	193.61.85.241/30
ge0/2	[lab]:7005::1/64 *e	193.61.85.245/30
ge0/3	[lab]:7006::1/64 *f	193.61.85.249/30

*a - route to [lab]:7100::/56
*b - route to [lab]:7200::/56
...
*f - route to [lab]:7600::/56

vty: nws$password
enable: nws$enable

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enable: nws$enable

Team A

nws1a		
fe0/0	[lab]:7001::2/64	193.61.85.230/30
fe0/1	[lab]:7100::1/64	193.61.85.1/30
nws2a		
fe0/0	[lab]:7100::2/64	193.61.85.2/30
fe0/1	[lab]:7140::1/64	193.61.85.17/29
vlan1	[lab]:7180::1/64	193.61.85.25/29
client 1	[lab]:7140:(autocnf)	193.61.85.18/29
client 2	[lab]:7180:(autocnf)	193.61.85.26/29
IPv4 RP	193.61.85.13	
ASN	64620	

Team B

nws1b		
fe0/0	[lab]:7002::2/64	193.61.85.234/30
fe0/1	[lab]:7200::1/64	193.61.85.33/30
nws2b		
fe0/0	[lab]:7200::2/64	193.61.85.34/30
fe0/1	[lab]:7240::1/64	193.61.85.49/29
vlan1	[lab]:7280::1/64	193.61.85.57/29
client 1	[lab]:7240:(autocnf)	193.61.85.50/29
client 2	[lab]:7280:(autocnf)	193.61.85.58/29
IPv4 RP	193.61.85.45	
ASN	64621	

Team C

nws1c		
fe0/0	[lab]:7003::2/64	193.61.85.238/30
fe0/1	[lab]:7300::1/64	193.61.85.65/30
nws2c		
fe0/0	[lab]:7300::2/64	193.61.85.66/30
fe0/1	[lab]:7340::1/64	193.61.85.81/29
vlan1	[lab]:7380::1/64	193.61.85.89/29
client 1	[lab]:7340:(autocnf)	193.61.85.82/29
client 2	[lab]:7380:(autocnf)	193.61.85.90/29
IPv4 RP	193.61.85.77	
ASN	64622	

Team D

nws1d		
ge0/0	[lab]:7004::2/64	193.61.85.242/30
ge0/1	[lab]:7400::1/64	193.61.85.97/30
nws2d		
fe0/0	[lab]:7400::2/64	193.61.85.98/30
fe0/1	[lab]:7440::1/64	193.61.85.113/29
vlan1	[lab]:7480::1/64	193.61.85.121/29
client 1	[lab]:7440:(autocnf)	193.61.85.114/29
client 2	[lab]:7480:(autocnf)	193.61.85.122/29
IPv4 RP	193.61.85.109	
ASN	64623	

Team E

nws1e		
ge0/0	[lab]:7005::2/64	193.61.85.246/30
ge0/1	[lab]:7500::1/64	193.61.85.129/30
nws2e		
fe0/0	[lab]:7500::2/64	193.61.85.130/30
fe0/1	[lab]:7540::1/64	193.61.85.145/29
vlan1	[lab]:7580::1/64	193.61.85.153/29
client 1	[lab]:7540:(autocnf)	193.61.85.146/29
client 2	[lab]:7580:(autocnf)	193.61.85.154/29
IPv4 RP	193.61.85.141	
ASN	64624	

Team F

nws1f		
ge0/0	[lab]:7006::2/64	193.61.85.250/30
ge0/1	[lab]:7600::1/64	193.61.85.161/30
nws2f		
fe0/0	[lab]:7600::2/64	193.61.85.162/30
fe0/1	[lab]:7640::1/64	193.61.85.177/29
vlan1	[lab]:7680::1/64	193.61.85.185/29
client 1	[lab]:7640:(autocnf)	193.61.85.178/29
client 2	[lab]:7680:(autocnf)	193.61.85.186/29
IPv4 RP	193.61.85.173	
ASN	64625	