pfSense IPv6 Status

Feature	IPv6 Working	Ticket	Details
Aliases (Firewall)	Yes	http://redmine.pfsense.org/issues/2320	Aliases can contain both IPv4 and IPv6, only addresses relevant to a given rule will be used.
Captive Portal	No	http://redmine.pfsense.org/issues/1831	Waiting for 2.2. Needs ipfw tables for ipv6 and some other bits
CARP RA	No	http://redmine.pfsense.org/issues/1829	Needs manual patching of radvd
CARP Failover	Yes	http://redmine.pfsense.org/issues/1829	Static configs work
DHCP Server w/Prefix Delegation	Yes		
SLAAC WAN	Yes	http://redmine.pfsense.org/issues/1834	
6to4 WAN	Yes		
6to4 WAN w/Prefix Delegation	Yes		
6rd WAN	Yes	http://redmine.pfsense.org/issues/2117	Limited to IPv6 prefixes that are 32 bits or less. Bjoern is on the case
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DHCP6 WAN	Yes		
DHCP6 WAN w/Prefix Delegation	Yes		
DHCPv6 Relay	No	http://redmine.pfsense.org/issues/1663	unfinished
DNS Forwarder	Yes		dnsmasq supports it fine - as does unbound
DynDNS	No	http://redmine.pfsense.org/issues/1825	DDNS Providers do not support it yet, so we can't code/test.
Firewall Rules	Yes		Some rumors in the forum that Gateway selection still triggers address family validation
Gateway Groups/Multi-WAN	Yes		http://doc.pfsense.org/index.php/Multi-WAN_for_IPv6
Gateway Status (apinger)	Yes		
GIF Tunnels	Yes		Considering the amount of users using the HE.net tunnel service I would say Yes.
GRE Tunnels	Yes	http://redmine.pfsense.org/issues/2077	Added backend support, verified it sets up one side of the tunnel. Not verified.
GUI Access	Yes		
IPsec	Yes (See Notes)	http://redmine.pfsense.org/issues/1610	Still has an MTU issue, somewhere around 1320 bytes. Just above the 1280 minimum. Workaround lower MTU on hosts.
IPv6 Fragments/MSS	No	http://redmine.pfsense.org/issues/2129	
L2TP	?		
NPt	Yes, Needs Work		Input validation not working properly. Functionally it does work, though.
NTP	No		Stuck on fetching from ip4 according to @forum
OpenVPN	Yes, Needs Work		Client export works, too. We need to go to 2.3 for official support in OpenVPN. Currently -alpha1. Tunnelblick, No. Viscosity, No.
Packet Capture	Yes		Selector added to filter on ip/ipv6
pfSense PHP Module	No	http://redmine.pfsense.org/issues/2151	
Port Forwards	?		
PPPoE (Server)	No	http://redmine.pfsense.org/issues/1826	
PPPoE WAN	Yes (See Notes)		PPPoE connects and DHCP6 client runs on top for ipv6.1 confirmed working live instal. @smos
PPTP (Server)	No		
PPTP WAN	No	http://redmine.pfsense.org/issues/1833	
Router Advertisements	Yes		Needs C code in radvd.
Routing	Yes		
Server LB	Yes	http://redmine.pfsense.org/issues/1828	It worked for me when I tried it
SNMP	?		bsnmpd may not support ipv6, at least not in the version we have. Needs research.
Static IP	Yes		
Syslog (remote)	Yes	http://redmine.pfsense.org/issues/2370	All OK now.
Traffic Shaper	?	http://redmine.pfsense.org/issues/1832	
UPnP	Yes	http://redmine.pfsense.org/issues/1835	Merged newer miniupnpd, need to confirm IPv6FirewallControl.
Virtual IPs - IP Alias	Yes		

Virtual IPs - CARP	Needs Work	http://redmine.pfsense.org/issues/2278	RA needs work to advertise CARP VIP
Virtual IPs - Proxy "ARP" (NDP)	No		
DNS from RA	Needs Work	http://redmine.pfsense.org/issues/1836	Server only, not client
Accept RA when forwarding	Yes	http://redmine.pfsense.org/issues/1568	
Auth via RADIUS	?		
Auth via LDAP	?		
Notifications via SMTP	?		
Notifications via Growl	?		
XMLRPC Sync	Yes		
Traffic Graphs (realtime)			
Traffic (rate)	No		
RRD Graphs	Yes		
Static NDP	?		
DHCP Static Mapping	Yes (Mostly)		Works fine by DUID, but would be nice to match by IAID+DUID or MAC address