pfSense_ISP (Virtual Internet)

WAN 10.0.2.15 WAN fdc7:ca30:907e::1

LAN1 192.168.241.1 LAN1 fd51:be27::1

LAN2 192.168.242.1 LAN2 fd51:be28::1

no usable IPv6

connectivity to upstream



WAN1

WAN2

2017/01/04 2017/01/04 offline active 17:35:08 19:35:08

State

End

⊕€





LAN1

LAN2



WAN	1	1000baseT <full-duplex></full-duplex>		10.0.2.15 fdc7:ca30:907e::1			☑ Enable interface				
LAN	^	1000ba	aseT <full-duplex></full-duplex>	192.168.241.1 fd51:be27::1		Descri		LAN Enter a de	escription (nar	name) for the interface here.	
LAN2	↑	1000ba	aseT <full-duplex></full-duplex>	192.168.242.1 fd51:be28::1				ype Static IPv4			
atic ass	ignm	ents,	simulated intra	net.		IPv6 Configurati	ion Type	Static IF	Pv6		
atic IPv6											
IP	v6 addr	ess	fd51:be27::1						/	32 _	J
IPv6 Upstream gateway			Add a new gateway LAN SH If this interface is an Internet connection, select an existing Gateway from the list or add a new one using the 'Add' b' On local LANs the upstream gateway should be 'none'.								e a /32 subnet.
Pv6 Optic	ons										
DHCPv6	Server	☑ Enab	le DHCPv6 server on interface L	AN							
	Subnet	fd51:be2	27::								
Subne	et Mask	32 bits									
Available	Range	fd51:be2	7:: to fd51:be27:ffff:ffff:ffff:	:ffff:ffff							
	Range	fd51:be	27::1000		fd51:b To	e27::2000					
C Delegation	Range	From			To						
fix Delegation	on Size	48 A Prefix I end on b	range can be defined here for D oundaries of the prefix delegati	HCP Prefix Delegation. This allow on size.		ng networks to subrou	uters. The start	and end of the	range must	Issues /4	18 prefixes?
DNS S	Servers	DNS 1 DNS 2 DNS 3 DNS 4 Leave blank to use the system default DNS servers, this interface's IP if DNS forwarder is enabled, or the servers configured on the 'General' page.									
Domaii	n name	The default is to use the domain name of this system as the default domain name provided by DHCP. An alternate domain name may be specified here.									
Domain sea	rch list	The DHCP server can optionally provide a domain search list. Use the semicolon character as separator.									
Default lea	se time		me in seconds. Used for clients t ult is 7200 seconds.	that do not ask for a specific expi	ration time.						
Max leas	se time	Maximur The defa	m lease time for clients that ask uult is 86400 seconds.	for a specific expiration time.							
ime Format (Change	By defau	ge DHCPv6 display lease time f ult DHCPv6 leases are displayed . This will be used for all DHCPv	I in UTC time. By checking this bo	x DHCPv6 lea	se time will be display	ed in local time	and set to tim	e zone		
atus/D	HCPv	6 Leas	ses						ŧ.	<u>⊪</u> ≡ 0	
ises Pv6 addres	s IAI	D DUI	ID.	MAC address	Heet	Stort	End	Online	Leans Torr	Actions	
Pv6 addres			:01:00:01:1f:fe:d1:ee:08:00:2		Hostname	2017/01/05 17:48:02			Lease Type active	Actions	
egated P	refixes Prefix		IAID	DUID		Start	End		State		No prefixes deleg
	rrenx		IAID	טוטע		otart	End		State		

Ø fd3a;cea5;5feb;:161f 661037643 00:01:00:01:1f:ff;ee:cb:08:00:27:66:a2:4b

IAID

DUID

IPv6 Prefix

Interface	!S		00	General Configuration						
♣ WAN	^ 1	000baseT <full-duplex></full-duplex>	192.168.241.12 fd51:be27::2000		Enable	₩ E	nable interface			
♣ LAN	1	000baseT <full-duplex></full-duplex>	192.168.1.1				VAN ster a description (name) for the interface here.			
Console	actuall	y shows WAN IP as				OHCP -				
				IPv6 Con	figuration Type	DH	ICP6		•	
DHCP6 Clie	nt Configu	ration								
	Options	☐ Advanced Configuration Use advanced DHCPv6 configuration	on options.		ration Override e configuration from	this file.				
Use IPv4 conne	ectivity as interface	☐ Request a IPv6 prefix/informati	on through the IPv4 connectivity link							
Request on	ly an IPv6 prefix	☐ Only request an IPv6 prefix, do r	not request an IPv6 address							
	Pv6 Prefix ation size	48	•				Should grab a /48 pre	efix?		
			ed prefix length provided by the DHCPv6	server. Normall	ly specified by the ISI	Р.				
Send IPv6 p	Debua	Start DHCP6 client in debug mo	ate the desired prefix size for delegation							
General C	,		ue		Track IPv6 I	nterfac	· •			
	Enable									
Description		LAN			IPv6	Interface	WAN Selects the dynamic IPv6 WAN inter	rface to track for configuration	•	
		Enter a description (name)	for the interface here.		IDv6	Prefix ID		rrace to track for configuration.		
IPv4 Configu	ıration Type	Static IPv4		_	irvo	FIGURE	(hexadecimal from 0 to ffff)The va	lue in this field is the (Delegated) IPv6 prefi	
IPv6 Configu	ıration Type	Track Interface		•						
DHCPv6 O										
DHC	Pv6 Server	☑ Enable DHCPv6 server on in	terface LAN							
	Subnet	Prefix Delegation								
	ubnet Mask	64 bits								
Availa	able Range	:: to ::ffff:ffff:ffff Prefix Delegation subnet will be	appended to the beginning of the defin	ed range						
	Range	::1000		::200	00					
		From		То						
Prefix Delega	tion Range	From		To						
Prefix Deleg	Prefix Delegation Size [48] A Prefix range can be defined here for DHCP Prefix Delegation. T end on boundaries of the prefix delegation size.				ning networks to su	brouters.	The start and end of the range must	Should use a /4 for the LAN?	8 prefi	
Di	NS Servers	DNS 1								
		Leave blank to use the system of	default DNS servers, this interface's IP it	DNS forward	er is enabled, or the	servers o	configured on the "General" page.			
Do	main name	The default is to use the domain	n name of this system as the default do	main name pr	ovided by DHCP. Ar	n alternat	e domain name may be specified here.			
Domain	search list	The DHCP server can optionally	provide a domain search list. Use the s	semicolon cha	racter as separator.					
Default	lease time	Lease time in seconds. Used for The default is 7200 seconds.	clients that do not ask for a specific ex	xpiration time.						
Max	lease time		that ask for a specific expiration time.							
Time Form	nat Change	☐ Change DHCPv6 display lea By default DHCPv6 leases are of selected. This will be used for all	lisplayed in UTC time. By checking this	box DHCPv6 le	ease time will be dis	played in	local time and set to time zone			