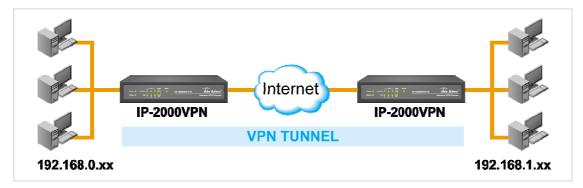
Based on ISP's policy, the WAN IP will be changed per every specific time. In that case, if user wants to create IPSec VPN tunnel, he has to apply DDNS service and use it as the remote endpoint.

Following are the steps to configure both IP-2000VPN devices with DDNS:



#### **Environment:**

	IPSec Site A	IPSec Site B
WAN IP address	Dynamic real IP	Dynamic real IP
DDNS name	airlive15.dyndns.org	airlive16.dyndns.org
LAN IP Subnet	192.168.1.x	192.168.0.x
Pre-shared Key	12345678	12345678
IKE Encryption	3DES	3DES
IKE	MD5	MD5
Authentication		
DH Group	Group 2	Group 2
Local Identity	Fully Qualified Domain	Fully Qualified Domain
Туре	Name	Name
Local Identity	airlive15.dyndns.org	airlive16.dyndns.org
Data		
<b>Remote Identity</b>	Fully Qualified Domain	Fully Qualified Domain
Туре	Name	Name
<b>Remote Identity</b>	airlive16.dyndns.org	airlive15.dyndns.org
Data		
Exchange Mode	Aggressive Mode	Aggressive Mode

1

ESP Encryption	3DES	3DES
ESP	MD5	MD5
Authentication		



VPN Policy Definition	
Name: SiteA	Enable Policy Allow NetBIOS traffic
Remote VPN endpoint	O Dynamic IP Fixed IP: 0 . 0 . 0 . 0
	Opmain Name: airlive16.dyndns.org
Local IP addresses	
Type: Subnet address 🐱	IP address: 192,168,1 0 ~ 0
	Subnet Mask: 255, 255, 255, 0
Remote IP addresses	
Type: Subnet address 👽	IP address: 192,168,0,0,0,~0
	Subnet Mask: 255, 255, 255, 0
Authentication & Encryption	
AH Authentication	MD5 🗸
	3DES 🗸 Key Size: n/a 🗸 (AES only)
ESP Encryption	MD5 V
ESP Authentication	
Manual Key Exchange	
IKE (Internet Key Exchange	)
Direction	Both Directions 💌
Local Identity Type	Fully Qualified Domain Name 💌
Local Identity Data	airlive15.dyndns.org
Remote Identity Ty	
Remote Identity Da	
Authentication	RSA Signature (requires certificate)
	Pre-shared Key
	Authentication Algorithm: MD5 🗸
Encryption:	3DES 🗸 Key Size: n/a 🔽 (AES only)
Exchange Mode	Aggressive Mode 💌
IKE SA Life Time:	180 (secs)
🗹 IKE Keep Alive	Ping IP Address: 192.168.0 .1
IPSec SA Life Time	
DH Group	Group 2 (1024 Bit) 💌
IKE PFS	Disabled 💌 None 💙
IPSec PFS	3

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VPN Policy Definition	n	
Name: SiteB	Enable Policy	
	Allow NetBIOS traffic	
Remote VPN endpoint	🔿 Dynamic IP	
	Fixed IP: 0 . 0 . 0	
	⊙ Domain Name: airlive15.dyndns.org	
Local IP addresses		
Type: Subnet address 💌	IP address: 192 168 0 0 ~ 0	
	Subnet Mask: 255, 255, 255, 0	
Remote IP addresses		
Type: Subnet address 🔽	IP address: 192 168 1 0 ~ 0	
	Subnet Mask: 255, 255, 255, 0	
Authentication & Encryption		
AH Authentication	MD5 V	
_	3DES V Key Size: n/a V (AES only)	
ESP Encryption		
SP Authentication	MD5 💌	
🔘 Manual Key Exchange		
IKE (Internet Key Exchanged)	le)	
Direction	Both Directions 💌	
Local Identity Typ	e 🛛 Fully Qualified Domain Name 💌	
Local Identity Dat	a airlive16.dyndns.org	
Remote Identity T	ype 🛛 Fully Qualified Domain Name 💌	
Remote Identity D	)ata airlive15.dyndns.org	
Authentication	<ul> <li>RSA Signature (requires certificate)</li> </ul>	
	Pre-shared Key	
	Authentication Algorithm: MD5	
Encryption:	3DES V Key Size: n/a V (AES only)	
Exchange Mode	Aggressive Mode V	
IKE SA Life Time:		
🗹 IKE Keep Aliv		
IPSec SA Life Tim		
DH Group	Group 2 (1024 Bit) 💌	
IKE PFS	Disabled	
IPSec PFS	None	

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