

Milesight-Troubleshooting VMS Pro Port Mapping

Milesight Technology Co.,Ltd.



VMS Version Pro 2.1.	0.20 Update	e 2015.10.30
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1. VMS Pro Ports

3 ports are related in VMS Pro:

- Database Port : 23606
- Communication Port : 33606
- RTSP Port : 43606

So when we do port forwarding, we need to forward these 3 ports out of the LAN.

Add Server			
Add Server			
Server Type:	Milesight VMS Server 👻	Device Group:	Default Group 🔹
IP*:		Port*:	33606
RTSP Port:	43606	Database Port*:	23606
User Name≭:	admin	Password*:	
			OK Cancel

2. Router Mode

Most routers' port forwarding have 2 modes:

• DMZ Mode

It will expose the specific IP(VMS Server LAN IP) to WAN Internet;

NAT Forward/Forward Server/Virtual Server(different manufactures have different names)

You should manually configure the specific port(3 ports) for specific IP(VMS Server LAN IP).



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3. Port Forwarding for VMS Pro

If your router has **DMZ mode**, configure the DMZ for the **VMS Server LAN IP**. (Here is 192.168.180.234)

DMZ	Mode					
DMZE	自机					
DMZ	现双向	向通信,此时可	需要让局域网中的 以把该计算机设置	为DMZ主机。	露给广域网,以实	
Stati	us DMZ X	犬态:	● 启用 ○	不启用 Enabl	e	
DMZ Host	DMZ E	主机IP地址:	192. 168. 180. 23	4 VMS S	erver LAN IP	
IP 保	存	帮助				
sa maa m Index	ri mije mije Nate	12	Server Manag		ult Group	
		Add Server Add Server				
		Server Type:	Wilesight WMS Server	• Device Group:	Befault Group 🔹	
		II+:	117.29.167.9	IP Parts:	33606	
-		BISP Port:	43606	Database Pert*:	23606	
		Tser Sme*:	adain	Passwor d*:		
					OK Canrel	

After that you can directly add **WAN IP of your LAN** (117.29.167.9) in the Client.

If your router has **no DMZ mode**, you should configure the ports for VMS server in mode NAT Forward/Forward Server/Virtual Server:

Database:	23606(TCP)
Communication:	33606(UDP)
RTSP:	43606(TCP)



服务的	BLD的访问将会被 Port	重定位给通过IP地址指定的 VMS Server IP)局域网网络 Protoc		
ID	服务端口	IP地址	协议	状态	编辑
1	33606	192. 168. 180. 234	UDP	生效	编辑 動除
2	23606	192. 168. 160. 234	TCP	生效	编辑 删除
3	43606	192, 168, 180, 234	TCP	生效	编辑 照除

For specific ports you should use corresponding protocols. Like $23606 \rightarrow TCP$, only TCP will be allowed in database port 23606.

After setting the NAT rules here you can add the WAN IP on the Internet for accessing the VMS server.

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lader	Sate	IP Fort Issues Type	
		Add Server	8
		Add Savare Server Type Rilanight NE Savare • Beview Weng Defailt Group IT* 117.58 HT 5 WAN Parse 33006 HEP Fact 40006 Savare Parse 25006 Ruer Raset Adula Parser &	

The version of VMS Pro should be 2.1.0.22 or above. Download the latest version at here: http://www.milesight.cn/download.asp?BigClassName=%CA%D3%C6%B5%B9%DC%C0%E D%C8%ED%BC%FE&Smallclassname=Milesight%20VMS%20Pro