



Milesight-Troubleshooting VMS Pro Port Mapping

Milesight Technology Co.,Ltd.

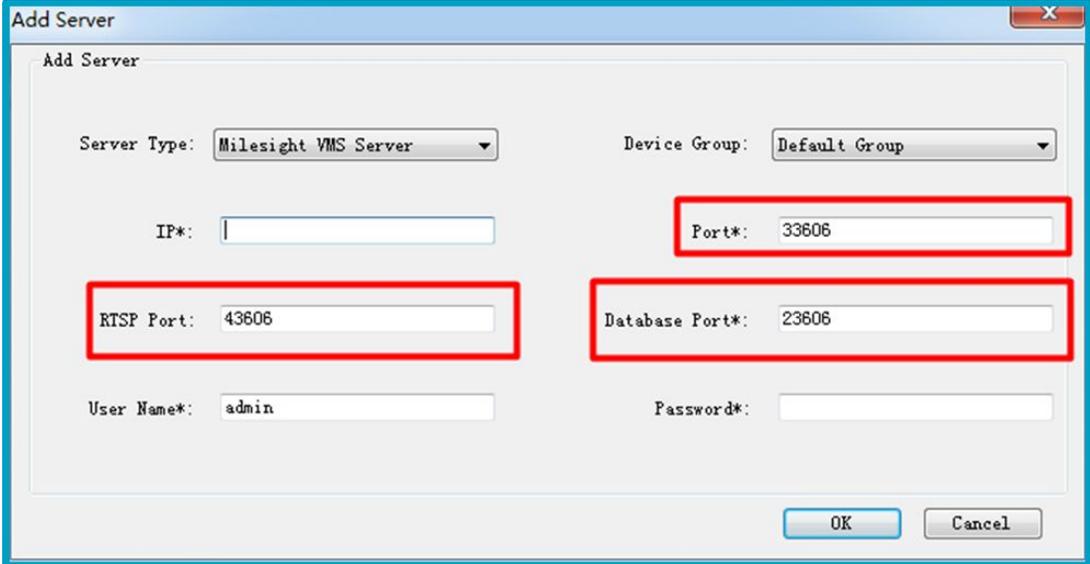
VMS Version	Pro 2.1.0.20	Update	2015.10.30
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1. VMS Pro Ports

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.



The screenshot shows the 'Add Server' dialog box with the following fields and values:

- Server Type: Milesight VMS Server
- Device Group: Default Group
- IP*: [Empty]
- Port*: 33606
- RTSP Port*: 43606
- Database Port*: 23606
- User Name*: admin
- Password*: [Empty]

The 'Port*', 'RTSP Port*', and 'Database Port*' fields are highlighted with red boxes.

2. Router Mode

Most routers' port forwarding have 2 modes:

- **DMZ Mode**

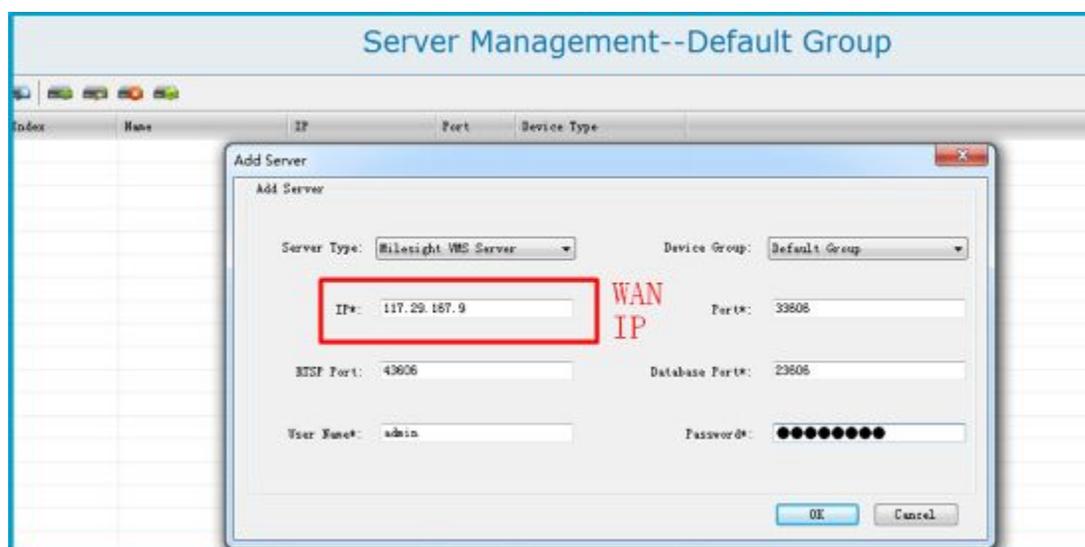
It will expose the specific IP(VMS Server LAN IP) to WAN Internet;

- **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).

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)



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)**

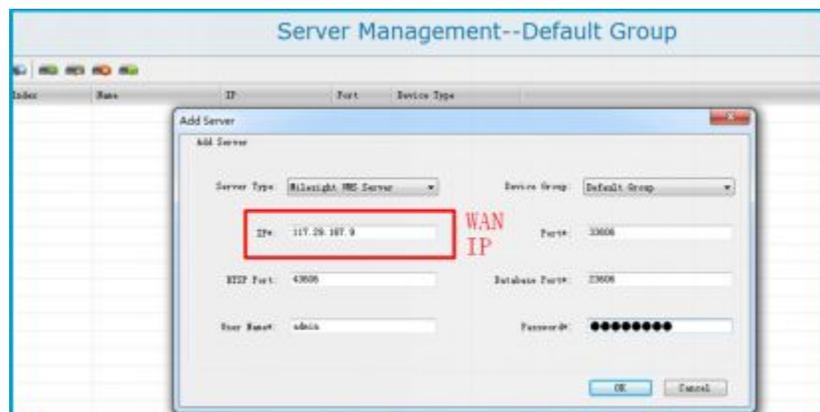
Communication: **33606(UDP)**

RTSP: **43606(TCP)**



For specific ports you should use corresponding protocols. Like 23606→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.



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%ED%C8%ED%BC%FE&Smallclassname=Milesight%20VMS%20Pro>