



Grandstream Networks, Inc.

Service NAT Interfaces Configuration



Table of Contents

Configure Service NAT Interfaces..... 3

Table of Figures

Figure 1: Service Port Configuration 3

Table of Tables

Table 1: Service Port Configuration 3



Configure Service NAT Interfaces

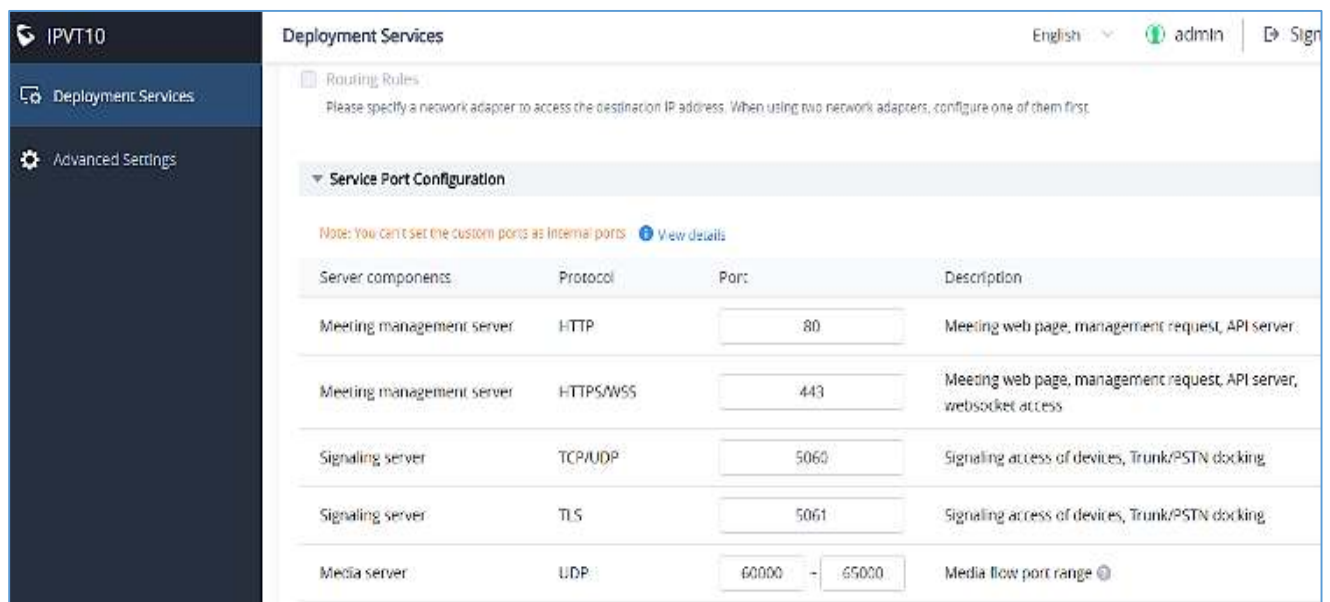
In order to use IPVT10 service under the enterprise's private network, users could customize the service port. Our default service ports are shown as following below:

Table 1: Service Port Configuration

Server Components	Protocol	Default Port	Descriptions
Web Server	HTTP	80	Conference Web UI, Requests Management, API Server.
Web Server	HTTPS/WS S	443	Conference Web UI, Requests Management, API Server, Connect to Web socket.
SIP Server	TCP/UDP	5060	SIP signaling access for different devices, Trunk/PSTN Connection.
SIP Server	TLS	5061	SIP signaling access for different devices, Trunk/PSTN Connection.
Media Server	TCP/UDP	5062	External control port.
Media Server	UDP	60000-65000	Port range of media streams: Requirements: Port starting should not be lower than 1024, the range is not less than 3000.

Please, refer to the following steps:

1. Login IPVT10 Web Management UI.
2. Click on the “**Deployment Services**” on the left side of the UI and select “**Service Port Configuration**”, users will see the page below:



Server components	Protocol	Port	Description
Meeting management server	HTTP	80	Meeting web page, management request, API server.
Meeting management server	HTTPS/WSS	443	Meeting web page, management request, API server, websocket access
Signaling server	TCP/UDP	5060	Signaling access of devices, Trunk/PSTN docking
Signaling server	TLS	5061	Signaling access of devices, Trunk/PSTN docking
Media server	UDP	60000 - 65000	Media flow port range

Figure 1: Service Port Configuration



3. Click to open the menu “Service Port Configuration”, users could customize the service ports based on the requirements.
 4. When users finish updating the ports, click on the button “Deploy to Server” to confirm the customized service ports. The server will reboot to apply the changes.
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 **Notes:**

- The customized service ports cannot be duplicated.
 - The ports below cannot be set as customized service ports: "22, 3000, 3306, 5070, 5071,5072, 5080, 6379, 6380, 6381, 8006, 8008, 8010, 8012, 8080, 8081, 8083, 9080, 80000".
 - If the service ports are set incorrectly, users cannot use the corresponding services normally.
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