



IAM

PDLAN Configuration Guide

Version 12.0.18



Change Log

Date	Change Description
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1 Application Scenario

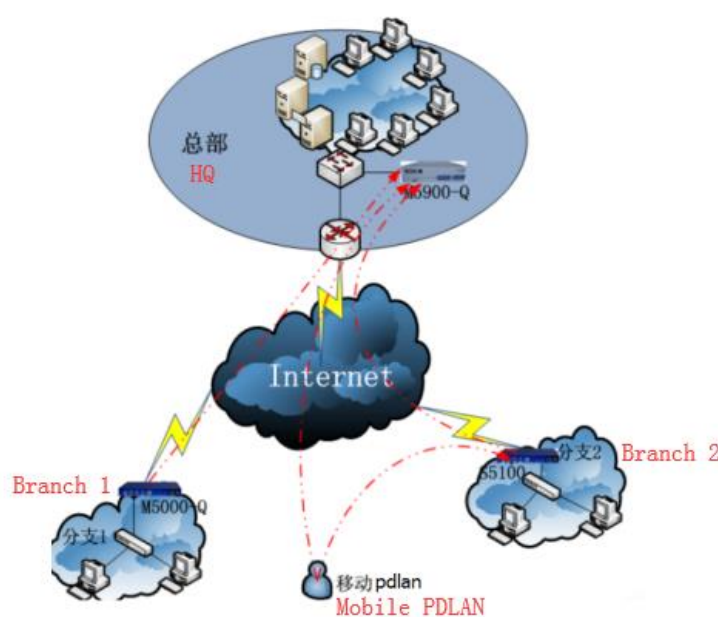
Company employees can use VPN to connect to the company to achieve resource sharing outside the company.

Requirements:

Prepare an IAM version 11.x.

2 Configurations and Screenshots

2.1 Topology

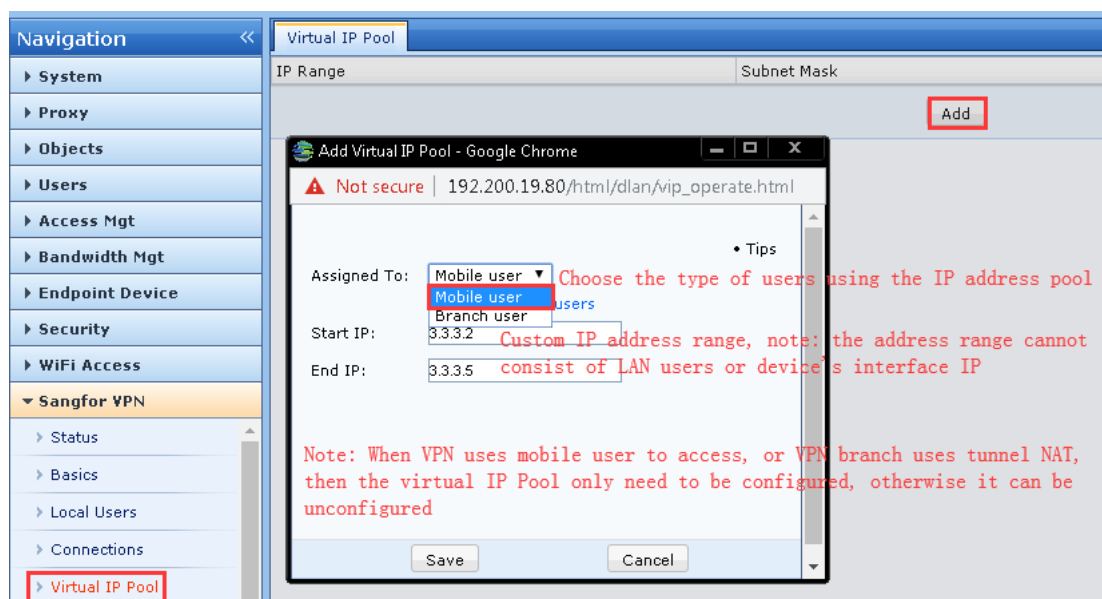


2.2 Configure Webagent

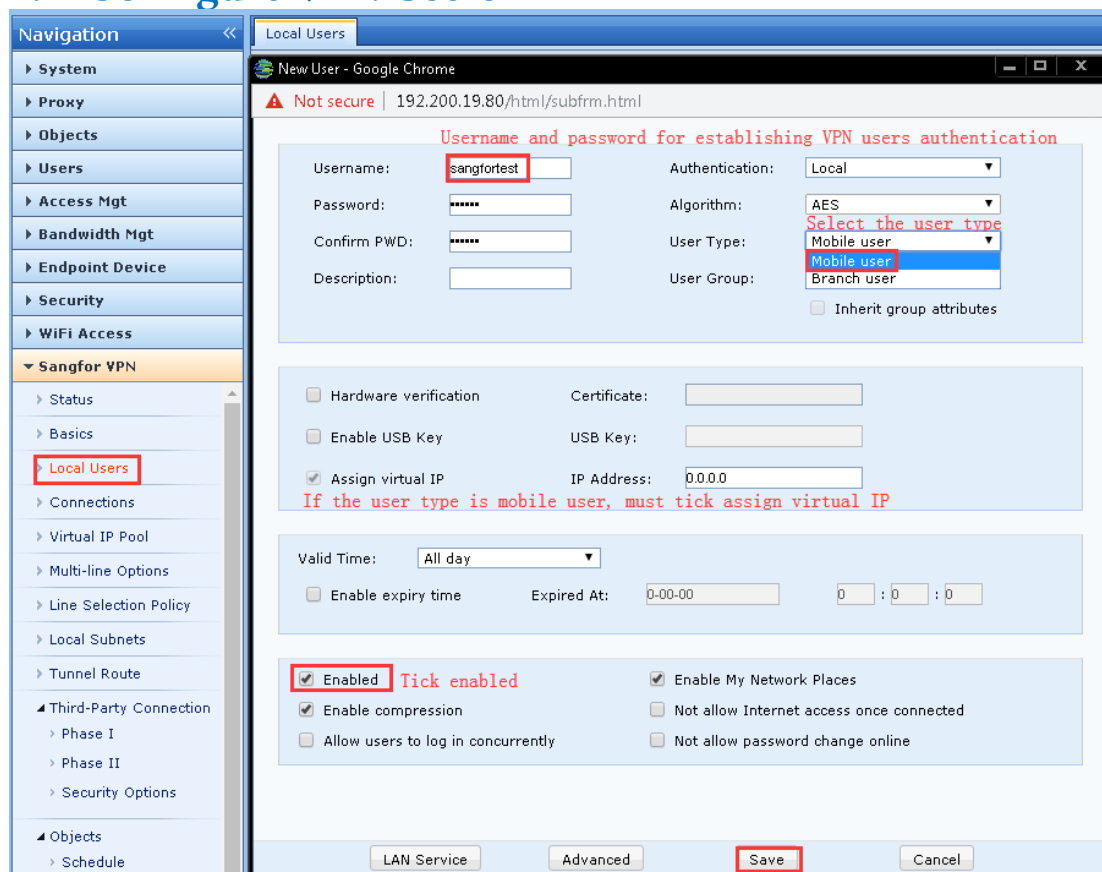
Configure the route deployment mode of the IAM at the headquarters and configure the webagent.

The screenshot shows the 'Basics' tab of the Sangfor VPN configuration interface. The 'Primary WebAgent' field is set to '10.254.254.4009' and is highlighted with a red box. The 'Secondary WebAgent' field is empty. Below these fields, there are test buttons: 'Setup webagent', 'Change Password', and 'Test'. A red message states: 'Test primary WebAgent successfully Failed to test secondary WebAgent'. Another red message states: 'Test successful means webagent format is correct and usable'. Below the test buttons, there are fields for 'MTU Value(224-2000):', 'Min Compression(99-5000):', and 'VPN Listening Port(default 4009):'. The 'VPN Listening Port' is set to '4009'. There is a checkbox for 'Modify MSS(only for use of UDP)' which is checked. Below this, there are radio buttons for 'Directly connects to Internet' (selected) and 'Indirectly connects to Internet'. A red message states: 'When the public IP is static, webagent format: IP:4009'. Another red message states: 'When the public IP is ADSL, webagent format can be applied from Sangfor Technical Support'. There is a 'Shared Key' field and a 'Test' button. At the bottom right, there is a 'Save' button.

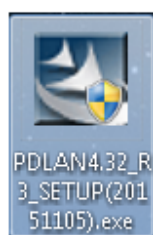
2.3 Configure Virtual IP Pool



2.4 Configure VPN Users



2.5 Mobile Users Install PDLAN Client



Download and install the PDLAN from sangfor community



After the installation, the desktop and startup will automatically create Sangfor PDLAN, double click to open it.

2.6 Configure PDLAN

- ① PDLAN basic config, PDLAN only support windows system.

Basic Setting

Basic setting includes setting of webagent, VPN listening port, minimum compact value and MTU value, etc. Please refer to Help for setting method in detail.

Note: Please click the "Apply" button to save any changes.

Webagent1: 10.254.254.254:4009 Tgst

Fill up the HQ webagent settings

Webagent2: Advanced

MTU Value(224-2000): 1500 Modify

Min. Compact(99-5000): 100 Modify

VPN Listen Port(4009): 4009 Modify

☒ Modify MSS(available in UDP mode) Privilege

Apply Click to apply it

- ② PDLAN main connection parameters setting

User Setting

You can set username and password to connect to MDLAN here. It requires correct username and password to connect to MDLAN.

Note: Please click the "Apply" button to save any changes.

Fill in the username and password set by HQ

Username: sangfor-test Change

Password: Change

Suggest to choose UDP mode if high latency or loss packet environment

Trans Mode: UDP Change Online

Cross-ISP Optimization

☒ Enable LOW PACKETS LOS Packet lost rate(%) 10

Apply

Change Username and Password

You can change username and password here. In case of Dkey user, only password can be changed.

Name: sangfor-test

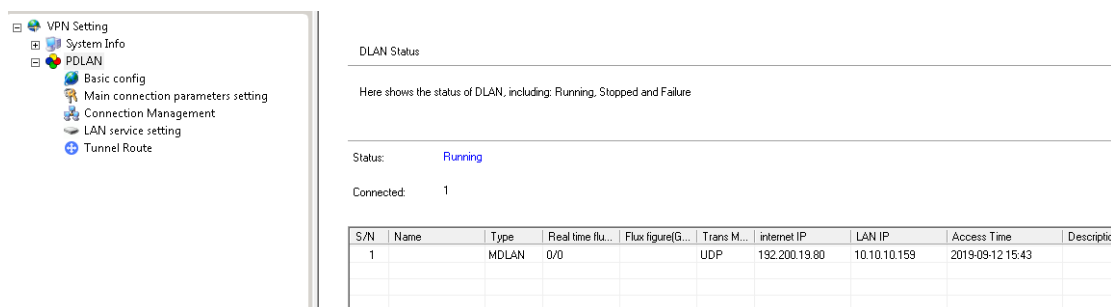
New PSW: Change

Confirm: Change

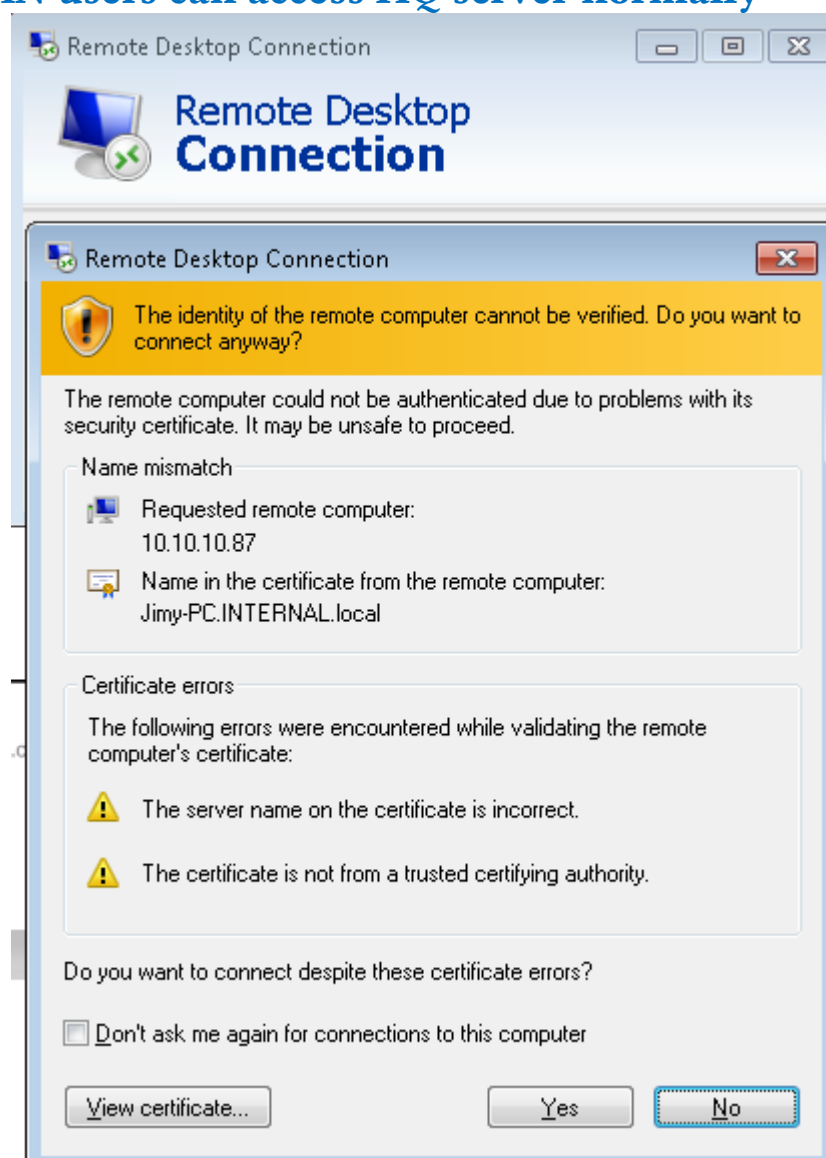
OK Cancel

3 Testing result

3.1 PDLAN vpn connect successful



3.2 PDLAN users can access HQ server normally



4 Precautions

1. Sangfor devices support different functions in different deployment modes. IAM devices only have route deployment that support VPN functions.
2. The VPN versions of the devices at both ends of the VPN connection must be matched. The corresponding pdlan version should not be wrong. For example, the dlan4.x version can be interconnected with the dlan4.x version and the dlan5.x version, but the dlan2.x version can only be

used. Interconnected with dlan2.x

3. PDLAN download link:

<http://community.sangfor.com/plugin.php?id=service:download&action=tool>



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