Getting started with WANFlex User Manual

> ✅ Successfully pass the free certification exam at IW Academy and become an Infinet Certified Engineer.
>
> To the certification exam

Document structure

This document consists of the following chapters:

- "Getting started" - This chapter presents the information about this document's purpose and structure
- "IP-address format" - This chapter presents the information about IP-address format
- "General Purpose Command Set" - This chapter presents the information about general commands and their purpose
- "Layer 2 commands set -PHY and MAC" - This chapter presents the information about Layer 2 commands and their purpose
- "Layer 3 Command set -IP Networking" - This chapter presents the information about Layer 3 commands and their purpose
- "Other commands" - This chapter presents the information about other commands.

Abbreviations

The following abbreviations are used in this document:

- ABR - Area Border Router

- ACL - Access Control List

- ARP - Address Resolution Protocol

- ATPC - Automatic Transmit Power Control

- BDR - Backup Designated Router

- BS - Base Station

- CD - Carrier Detect

- CPE - Customer Premises Equipment

- CPU - Central Processing Unit

- CRC - Cyclic redundancy check

- CS - Command Shell

- CSMA/CA - Carrier Sense Multiple Access with Collision Avoidance

- DFS - Dynamic Frequency Selection

- DR - Designated Router

- DRA - DHCP Relay Agent

- DSCP - Differentiated Services Code Point

- ERP - Emergency Repair Procedure

- FTP - File Transfer Protocol

- HTTP - Hyper Text Transfer Protocol

- ICMP - Internet Control Message Protocol

- IDU - Indoor Unit

- IP - Internet Protocol

Title

- IRC - Internet Relay Chat

- LACP - Link Aggregation Control Protocol

- LAN - Local Area Network

- LED - Light Emitting Diode

- MAC - Media Access Control

- MIB - Management Information Base

- MINT - Mesh Interconnection Networking Technology

- MTU - Maximum Transfer Unit

- NAS - Network Access Server

- NAT - Network Address Translation

- ODR - On-Demand Routing

- OSPF - Open Shortest Path First

- PRF - Pseudo Radio Interface

- PtMP - Point to MultiPoint

- PtP - Point-to-Point

- QoS - Quality of Service

- RAS - Registration, Admission, Status

- RF - Radio Frequency

- RIP - Routing Information Protocol

- RPCAP - Remote Packet Capture

- RSH - Remote Shell

- SID - System Identification Number

- SNMP - Simple Network Management Protocol

- SNR - Signal To Noise Ratio

- SNTP - Simple Network Time Protocol

- SSH - Secure Shell

- SSID - Service Set Identifier

- SVI - Switch Virtual Interface

- TCP - Transmission Control Protocol

- TDM - Time Division Multiplexing

- Telnet - TrminaL Network

- UDP - User Datagram Protocol

- VLAN - Virtual Local Area Network

- VPN - Virtual Private Network

- VR - Virtual Router

- VRRP - Virtual Router Redundancy Protocol

- WMA - Wireless Marker Access

Document marks

> **!** **CAUTION**
>
> All caution warnings are marked with a special warning sign. One should pay a great deal of attention to what is written in the Caution section.

> **⚠** **NOTE**
>
> All notes are marked with a special note sign. Notes usually contain useful comments or hints to the described section of the document.