FRONTlayer Manual

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Preface

Target audience

This manual was designed for network administrators, network consultants and Telcomanager partners.

To fully understand this manual, the reader should have intermediate knowledge on network management, TCP/IP protocol and SNMP protocol.

Conventions used in this manual

This document uses the following conventions:

Table 1. Manual conventions

Item	Convention
Selecting a menu item	**Menu → Submenu → Menu item**
Commands, buttons and keywords	**Boldface** font.

Chapter 1. Knowing the layers

Report

Through this type of Layer, you can generate reports based on SLAview profile variables data. This layer can have **Device** or **Mapped object** as Object type.

After selecting the layer on left menu, select the report period, fill the desired filters and click on **Send**.

The generated report can have **Minimum**, **Maximum**, **Average**, **Sum** and **Percentile** variables values for each filtered object.

Important

You can not have a Device layer and a Mapped object layer at the same time.

Graph

Through this type of Layer, you can have a consolidated view of SLAview graphs. This layer can have **Device** or **Mapped object** as Object type.

After selecting the layer on left menu, select the graphs period, fill the desired filters and click on **Send**.

The graphs will be displayed on screen for each filtered object.

If you click on icon, the graph report will be opened in a new tab.

Important

You can not have a Device layer and a Mapped object layer at the same time.

Configuration

Through this type of Layer, you can have a report containing information about your devices configuration.

After selecting the layer on left menu, fill the desired filters and click on **Send**.

This way, you will have the **Configuration type** and the **Creation date** of each filtered object.

Furthermore, if you click on icon, you can visualize the equipment configuration.

Map

Through this type of Layer, you can have a simplified version of your SLAview groups maps.

After selecting the layer on left menu, use the **Maps** filter to select the map of the group that you want to visualize and click on **Send** button.

The map will be displayed containing all the devices, mapped objects and subgroups belonging to the selected group.

Chapter 2. Glossary

Abbreviations

This section shows the abbreviations you will find in this manual.

Table 2.1. Abbreviations list

Abbreviation	Description
AD	Active Directory.
API	Application Programming Interface.
AS	Autonomous system.
ASN	Autonomous system number.
Avg	Average.
CDP	Cisco Discovery Protocol.
CLI	Command Line Interface.
CNT	It is an analysis type of traffic profile: Content.
CPU	Central Processing Unit.
DNS	Domain Name System.
DoS	Denial of service.
DST	It is an analysis type of traffic profile: Distribution.
Enum	Enumerate.
EPM	Expanded Processing Module. It is an extended module of SLAview.
FTP	File Transfer Protocol.
GB	Gigabyte.
GIS	Geographic Information System.
HTTP	Hypertext Transfer Protocol.
HTTPS	Hypertext Transfer Protocol Secure.
ICMP	Internet Control Message Protocol.
IETF	Internet Engineering Task Force.
IP	Internet Protocol.
IPFIX	IP Flow Information Export.
IPv4	Internet Protocol version 4. It uses 32-bit addresses.
IPv6	Internet Protocol version 6. It uses 128-bit addresses.
ISP	Internet Service Provider.
Kb	Kilobit.
KPI	Key Performance Indicator.
LAN	Local Area Network.
LLDP	Link Layer Discovery Protocol.

Abbreviation	Description
Max	Maximum.
Mb	Megabt.
MIB	Management Information Base.
Min	Minimum.
MPLS	Multi-Protocol Label Switching.
MTX	It is an analysis type of traffic profile: Matrix.
NaN	When a value is Not A Number.
NTP	Network Time Protocol.
OID	Object Identifier.
QoS	Quality of Service.
RFC	Request for Comments.
RFI	Repeated Flow Interface.
SMS	Short Message Service.
SMPP	Short Message Peer-to-Peer.
SMTP	Simple Mail Transfer Protocol.
SNMP	Simple Network Management Protocol.
SSH	Secure Shell.
TACACS	Terminal Access Controller Access-Control System.
TCP	Transmission Control Protocol.
TCS	Telcomanager Custom Script.
THA	Telcomanager Host Agent.
ToS	Type of Services.
TSA	Telcomanager Windows Security Agent.
UDP	User Datagram Protocol.
URL	Uniform Resource Locator.
WAAS	Wide Area Augmentation System.
WAN	Wide Area Network.