Flowmon Appliance Configuration

QUICKSTART GUIDE

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Following these steps, you will be able to configure your Flowmon quickly and easily. Before you begin the configuration process for your appliance, it is important to determine the type of device you have. Appliances can be either Probe or Collector. If you know what device you have, you can skip the first step.

Determine the type of device you have:

To find out the type of device, check the user interface bottom part on any page after you log in. Optionally, you can check the product name in the delivery note, invoice, or directly in the Flowmon Configuration Center under **Licensing**.



2 Set up the IP address:

In Flowmon Configuration Center go to the **System** tab and, if necessary, change the default IP address to a custom one, configure gateway and DNS servers in the **Management Interface** configuration panel. DNS and Hostname configuration is located under the **Interface Settings** configuration block. Do not forget to click **Save** after modifications.

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Ø	Overview	USER SETTINGS SYSTEM	SETTINGS			
	Monitoring Ports	A Maintenance	Management Interfa	ce 1		
Ç	System		Link configuration			
Contractive Contra		INTERFACE SETTINGS	Speed Autone	notiation Duplex mode MTU		
۵	FMC Configuration	Management Interface 1	● 1000 Mb/s ∨ On	v full v 1500		
0	Resource Manager	Management Interface 2				
ᢒ	Remote Access	DNS Servers	IPv4 configuration	Static O DHCP		
Ê	Logs	Hostname	IPv4 address	10.100.39.33		
œ	Versions	SYSTEM SETTINGS	Netmask	255.255.255.0		
٩	License	() Time zone				
		O Data Storage	Gateway 10.100.39.1			
		External Data Storage	IPv6 configuration			
		🖾 Email				
		Proxy	Static routes			
		* SNMP	DESTINATION	NETMASK	GATEWAY	ACTION
		SNMP Event Logging	1 No data			
		Syslog Server				
		Syslog Event Logging			Availat	ble actions: + NEW STATIC ROUTE
		🚑 LDAP				
		A TACACS+	SAVE × CLEAR DNS	S CACHE		
		Theme customization				

Define the time and date:

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Go to the **Time Settings** panel and provide your NTP server hostname and time zone information by selecting the closest city. Use the NTP server that is in use across your network or "time.cloudflare.com" as the default Primary NTP server.

(*) Overview	USER SETTINGS SYSTEM SETT	INGS	
→ Monitoring Ports	A Maintenance	Time zone	
System	INTERFACE SETTINGS	Current time	2023 08 01 13:06
 Distributed Architecture 	↔ Management Interface 1	Time zone (closest city)	(UTC+62:00) Europe/Prague
FMC Configuration	↔ Management Interface 2	Set time automatically	
Remote Access	DNS Servers	,	
Logs	Hostname	Use NTP servers supplied by DHCP	
Versions	SYSTEM SETTINGS	Primary NTP server	time.cloudflare.com
🔍 License	() Time zone	Secondary NTP server	
	O Data Storage	Allow inbound NTP connections	0
	External Data Storage		
	🗹 Email	B SAVE	
	Proxy	_	
	* SNMP		
	SNMP Event Logging		
	Syslog Server		
	Syslog Event Logging		
	# TACACE		
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Set up the password (recommended):

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We highly recommend changing the default admin password for security reasons and manage the user accounts in **User** Settings under System in Flowmon Configuration Center.

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(P)	Overview		USER SETTINGS	SYSTEM SETTIN	IGS							
→	Monitoring Ports	Θ	Users		Users							
Q	System		Roles		LOGIN	NAME	ROLES ASSIGNED TO THE USER				ACTION	
•	Distributed Architecture	0	Tenants		admin	John Smith	admin				× =	
۵	FMC Configuration											
0	Resource Manager							_				
٢	Remote Access							Available actions: + N	IEW USER	∃ LOG	OUT ALL USERS	
Ê	Logs											
æ	Versions											
٩	License											

5 Update the SSL certificate (recommended):

You must generate/upload an SSL certificate if you changed the Flowmon appliance hostname. We recommend using a trusted certificate generated either by official CA or internal CA that is trusted across your organisation. To upload certificate click **Upload** and choose the certificate you have.

To generate the certificate directly by the appliance, go to **Flowmon Configuration Center > System > Certificate Management**. Select the desired format in the drop-down menu and click **Generate**. Do not forget to click on **Save**. A new certificate, signed by Flowmon Networks, will be generated. Finally, allow the new certificate in your browser when accessing the GUI. Please keep in mind that this certificate won't be recognized as trusted in your environment.

Progress Flowmon	> Configuration Center -			📫 en 👻 🚱 🖨 ai
Overview	USER SETTINGS SYSTEM SE	TTINGS		
Monitoring Ports	🔧 Maintenance	Certificate Management		
	INTERFACE SETTINGS	Host Certificates		
Distributed Architecture	↔ Management Interface 1			
FMC Configuration	↔ Management Interface 2	HTTPS V GENERATE LUPLOAD		
Resource Manager	DNS Servers	Subject alternative names		
Remote Access	Hostname			
Logs		CA Certificates		
Versions	SYSTEM SETTINGS	SUBJECT ISSUER	EXPIRATION DATE	ADDED ACTION
License	C Time Kone	no data		
	O Data Storage			
	External Data Storage		A	
	email		Avai	ADIE ACTIONS. T NEW CERTIFICATE
	FIOXy			
	SNMP Event Logging			
	Svelog Server			
	Syslog Event Logging			
	21 LDAP			
	# TACACS+			
	Theme customization			
	SECURITY SETTINGS			
	S IPsec Service			
	Security headers			
	Session control			
	Certificate Management			
	GPG Settings			

6 Configure the Flow exporting settings:

6a Exporting flows with Flowmon Probe:

Each monitoring port has a dedicated panel in **Monitoring Ports**, where you can configure its targets (Flow collectors). Add a target by clicking **New Target**.

3	Progress'Flowmon'	Configuration Center 👻					🔔 en 🗸	🙆 \rm Θ admin 🗸
~	≡	→ Monitoring Ports						
S 1 1 8 1 1 3 9	Overview Monitoring Ports System Distributed Architecture FMC Configuration Resource Manager Remote Access	Global settings TARGETS * EXPORT PROTOCOL Active timeout Active timeout Output interface index M M	ADVANCED SETTINGS					
1 1 1 1	Logs Versions License	⊖ Sar	ne as input					
		Monitoring port 1 on eth2 is running TARGETS ADVANCED SETTINGS Used active timeout: 3005 Inactive timeout: 305 Inactive timeout: 305	↔ INTERFACE SETTINGS				Q RESTAR	T STOP
		Packet sampling: no packet sampling: Use custom settings	ng D	1	g			
		TARGET	COLLECTOR PORT			PROTOCOL		ACTION
		B SAVE	(~~~)				Available actions:	+ NEW TARGET

6b Receiving Flows with Flowmon Collector:

After setting up the monitoring ports on the Flowmon Probe you can configure the listening ports on the Flowmon Collector. In Flowmon Configuration Center under **FMC Configuration**, choose **Listening Ports**. On this page you can configure the listening ports for NetFlow, IPFIX, sFlow, and other supported flow protocols, including their forwarding. The listening port is defined by its name, port, network protocol, and flow protocol. Select the flow protocol used by your flow exporting device (router, sensor, Flowmon Probe). There are two options: **NetFlow/IPFIX** or **sFlow. NetFlow/IPFIX** option also applies to all NetFlow-derived standards like jFlow, NetStream, and others. Default ports for NetFlow/IPFIX are 2055, 3000, 9996. Default port for sFlow is 6343. For more details about listening ports, you can check the user guide **Flowmon Monitoring Center > Built-in Collector > Listening Ports**.

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= verview	BUILT-IN COLLECTOR	Listeni	ing Ports				
nitoring Ports	🏟 Basic Settings		NAME	PORT PROTOCOL	FORWARDING	SAMPLING RATE	ACTIC
	Autonomous systems	A	NetFlow-port2055	2055 NetFlow/IPFIX (udp)	No	Controlled by a flow source	/
-	Dir Flow Database Fields	۲	NetFlow-port3000	3000 NetFlow/IPFIX (udp)	No	Controlled by a flow source	/
utes vecimentare	Sources	A	NetFlow-port9996	9996 NetFlow/IPFIX (udp)	No	Controlled by a flow source	/
singeration	E Listening Ports		sFlow-port6343	6343 sFlow (udp)	No	Controlled by a flow source	1
e Manager Access	E Forwarding Targets						+ NEW LISTENING PO
	REPORTS						
6	Dasic Settings						
	Remote Storage						
	Working Hours						
	🖌 Branding						
	ACTIVE DEVICES						
	1 Basic Settings						



Great job!

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You have successfully configured the Flowmon appliance. If you have any problems, do not hesitate to contact us. https://www.flowmon.com/en/company/contact

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Worldwide Headquarters

Progress Software Corporation 15 Wayside Rd, Suite 400, Burlington, MA01803, USA Tel: +1-800-477-6473

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