

SANGFOR

Central Management Console (CMC)

Simplify the Management of a Widely Distributed Enterprise WAN

Multiple SANGFOR IAM, NGAF, WANO appliances can be centrally managed by SANGFOR CMC (Central Management Console). Administrators are able to perform overall network status monitoring, centralized configuration, centralized logs and reporting through one single console.

SANGFOR CMC empowers IT managers to easily deploy corporate's management and optimization policies to branch networks in remote sites, simplifying the maintenance of a widely distributed corporate network.

Product Features

Deployment	
Deployment	Gateway and single-arm mode

Overall Network Status Monitoring	
Online Nodes Monitoring	Provide a quick view of all online nodes managed by CMC.
Node Monitoring	Real-time view of controlled nodes status, including CPU, Memory utilization, Hard Disk usage, inbound and outbound traffic information, etc.
Anomalous Events Monitoring	Monitor and report anomalous events of the controlled nodes.
Anomalous Events Alert	Alert on anomalous events regarding the hard disk, Ethernet port compatibility and abnormal traffic of the controlled nodes.

Centralized Configuration	
IAM & NGAF Nodes	Allow to create, dispatch unified control policies to the controlled IAM & NGAF devices. Control policies include access management, user management, bandwidth management and other related modules.
WANO Node	Allow to enable or disable optimization/BM policy for specific controlled WANO node.
Remote Control	Provide shortcut to access the configuration interface of a specific controlled node.
Centralized Version Management	Centralized version upgrades managements; allow to schedule upgrade tasks for the controlled nodes, avoiding traffic congestion caused by synchronized upgrades.

Administration	
Access Methods	Https, console
Hierarchical Administrator	Hierarchical administrator accounts based on organizations' administrative structure and/or by geographical locations Support various type of administrative access such as common administrator, group administrator and super administrator.

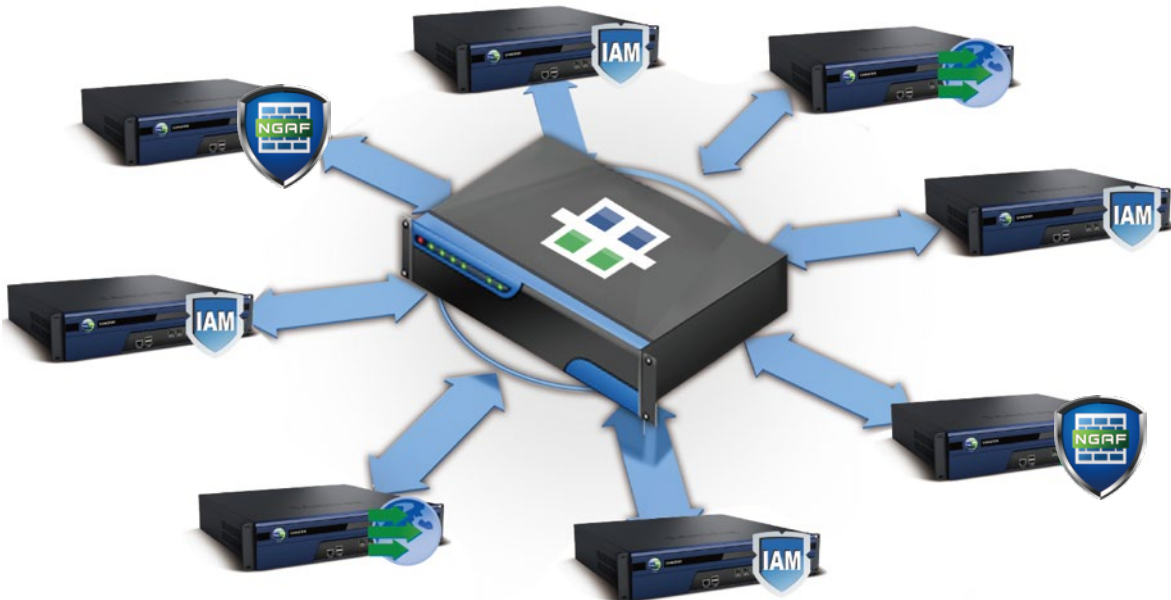


Security Management	
Administrator Security	Allow for local username/password authentication
	Dkey (Digital Key) authentication
	Unique hardware ID authentication: unique hardware ID binding with administrator account.
Nodes Identity Security	IP authentication: specify the IP address/range and logon duration for a specific administrator.
	Local username/password authentication
Secure Configuration Transmission	Configuration information is transmitted to controlled nodes (both hardware appliances and mobile clients) through an encrypted tunnel.

Logs & Reporting	
Built-in Reporting Database	Traffic information can be collected from controlled nodes to generate a report on top ranking applications and traffic trends on links.
	Reports can be generated and delivered to the pre-defined mailbox daily, weekly and monthly, or uploaded to FTP with scheduler.
CMC Logs	Administrative logs and system logs
Node Logs	CMC administrators can access the real-time and historical logs from any controlled nodes through CMC portal.
Separated Database	Configuration database and reporting database are stored separately; each database can be backed up and recovered independently.
Database Backup	CMC database, including configuration database and reporting database, can be backed up to external backup media automatically. Hence, CMC database can be recovered rapidly during disasters such as database corruption.

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Product Family

Model Specifications

Model	Profile	RAM	HD Capacity	Manageable SANGFOR Devices
M5100-SC-I	1U	2G	HDD 500GB	800
M5500-SC-I	2U	4G	HDD 500GB x 2	4000

Power and Physical Specifications

Model	Power [Watt] (Typical)	Power [Watt] (Maximum)	Working Temperature	Relative Humidity	System Dimensions (L×W×H mm)	System Weight
M5100-SC-I	30 W	60 W	0℃~40℃	5%~95% non-considering	430x300x44.5	4.75Kg
M5500-SC-I	180 W	250 W	0℃~40℃	5%~95% non-considering	440x500x89	9.45Kg

Network Interfaces

Model	10/100/1000 Base - T			Other Interfaces		
	WAN	LAN	DMZ	SFP	Serial Port	USB
M5100-SC-I	4	1	1	N/A	1	2
M5500-SC-I	4	1	1	2	1	2