

SANGFOR

Simplify the Management of a Widely Distributed Enterprise WAN

Central Management Console (CMC)

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 |
| Nodes Identity Security | Unique hardware ID authentication: unique hardware ID binding with administrator account. |
| | IP authentication: specify the IP address/range and logon duration for a specific administrator. |
| Secure Configuration Transmission | Local username/password authentication |
| | Unique hardware ID authentication: unique hardware ID binding with user account. |
| 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°C ~40°C | 5%~95% non-considering | 430x300x44.5 | 4.75Kg |
| M5500-SC-I | 180 W | 250 W | 0°C ~40°C | 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 |