

DNS APPLIANCES



Physical Appliances

KEY FEATURES

- Redundant disks, power supplies and fans
- Next business day hardware warranty included
- Upgraded hardware support services available

KEY BENEFITS

- Redundancy ensures availability even if components fail
- Eliminates software installation costs
- Standard onsite repair minimizes downtime

Virtual Appliances

Supported Hypervisors

- VMWare/ESXI
- KVM
- OpenStack

KEY BENEFITS

- Reduced capital and operating costs
- Easy deployment
- Simplified scaling

Secure64 DNS appliances are purpose-built to deliver the scalability, security, reliability and low cost of ownership needed in the most demanding carrier and enterprise environments. Each appliance supports multiple capacity licenses, allowing customers to easily scale capacity as their needs grow without having to upgrade or replace the hardware.

Deploying virtual appliances has become a viable way to reduce network costs and simplify deployment, minimizing the amount of hardware required to support your network. Secure64 Virtual Appliances offer this flexibility and efficiency, while maintaining a high level of performance.

Our physical appliances are available with redundant disks, power supplies and fans to ensure availability even in the event of a component failure. When combined with the high availability features of the Secure64 software, these appliances deliver the 99.999% uptime that customers demand.

Secure64 Virtual Appliances

Easy To Scale

Our virtual appliances are easy to scale up to meet the demands of your network, allowing you to simply deploy new virtual appliances as needed without demanding additional hardware.

Secure And Reliable

Secure64 virtual appliances are built on the same foundation of security as all of our products, as well as all the redundancy mechanisms and reliability of our physical solutions, meaning you can count on them to function at a high level no matter what the circumstances.

World Class Performance

Secure64 virtual performance offers a variety of licenses for whatever level of performance your network demands, and our 300k QPS license represents one of the fastest purely virtual caching servers on the market.

Product	Supported Hypervisors	Licenses
DNS Cache	VMWare/ESXI	20K, 35K, 75K, 150K, 300K (QPS)
DNS Authority		10K, 100K, 1M, 10M, 100M (records)
DNS Manager	KVM	Licensed per node managed
ProVision	OpenStack	Licensed by network size
ISC DHCP		Single standard license
ISC KEA		Single standard license

Physical Appliance Descriptions

Secure64 MGR 530 Appliance

The MGR 530 appliance is designed to run the Secure64 DNS Manager and ProVision products. For high availability, the MGR 530 appliance is configured with redundant, hot swappable disks, power supplies and fans and is available with either AC or DC power. It is configured with four Gigabit Ethernet ports.



Secure64 SNS 3030 Appliances

The SNS 3030 appliance is designed to run Secure64's DNS server products and can be deployed in any location where query loads are modest. The SNS 3030 contains redundant, hot swappable disks, power supplies and fans and is available with either AC or DC power. It is configured with four or six Gigabit Ethernet ports.



Secure64 SNS 5030 Appliances

The SNS 5030 is the most scalable Secure64 appliance, designed to run Secure64's DNS server products and to be deployed in sites requiring medium to large query capacity. For high availability, the SNS 5000 is configured with redundant, hot swappable disks, power supplies and fans and is available with either AC or DC power supplies. It is available with four Gigabit Ethernet ports and either two or four SFP+ ports.



Secure64 DNS 6020/6120 Appliances

The DNS 6020 and 6120 appliances run the Secure64 proprietary micro-OS, SourceT, and are designed for maximum security while offering competitive performance. For high availability, the DNS 6020 and 6120 are configured with redundant, hot swappable disks, AC power supplies and fans. They are configured with four Gigabit Ethernet ports and can optionally be configured with additional four Gigabit Ethernet ports or two Gigabit Ethernet Fiber ports.



Performance Per Appliance

	SNS 3030	SNS 5030	DNS 6020	DNS 6120
DNS Cache Licenses & Performance	150k qps license 75k qps license 35k qps license 20k qps license	600k qps license 300k qps license 150k qps license 75k qps license 35k qps license 20k qps license	250k qps (CEM license) 180k qps (Std. license)	315k qps (CEM license) 240k qps (Std. license)
DNS Authority Licenses	100M record license 10M record license 1M record license 100k record license 10k record license	100M record license 10M record license 1M record license 100k record license 10k record license	N/A	N/A
DNS Authority Performance	150,000 qps	300,000 qps	152,000 qps	200,000 qps

Hardware Specifications

Management Appliance Specifications

	MGR 530
Size	1 RU
Gigabit Ethernet Copper Ports	4
Lights Out Management	1 Gigabit Ethernet Copper
AC Power	2 hot swappable, redundant 100-240V 50-60Hz
DC Power	2 hot swappable, redundant ~48V DC
Disks	2 RAID 1, hot swappable, redundant
Fans	Hot swappable, redundant
Support	3 year, NBD

Scalable Name Server Appliance Specifications

	SNS 3030	SNS 5030
Size	1 RU	1 RU
Gigabit Ethernet Copper Ports	4 Additional 2 (optional)	4
10 Gigabit Ethernet Fiber Ports (SFP+)	N/A	2 or 4 (optional)
Lights Out Management	1 Gigabit Ethernet Copper	1 Gigabit Ethernet Copper
AC Power	2 hot swappable, redundant 100-240V 50-60Hz	2 hot swappable, redundant 100-240V 50-60Hz
DC Power	2 hot swappable, redundant ~48V	2 hot swappable, redundant ~48V
Disks	2 RAID 1, hot swappable, redundant	2 RAID 1, hot swappable, redundant
Fans	Hot swappable, redundant	Hot swappable, redundant
Support	3 year, NBD	3 year, NBD

Secure DNS Servers Appliance Specifications

	DNS 6020/6120
Size	2 RU
Gigabit Ethernet Copper Ports	4 Additional 4 (Optional)
Gigabit Ethernet Fiber Ports	2 (Optional)
Lights Out Management	1 Gigabit Ethernet Copper
Serial Port	RS232 serial port
AC Power	2 hot swappable, redundant 100-240V 50-60Hz
DC Power	N/A
Disks	2 RAID 1, hot swappable, redundant
Fans	Hot swappable, redundant
Support	3 year, NBD

For more detailed information such as power consumption, shipping dimensions and weight, or specific safety or emissions certifications, please contact Secure64.