



The isyVmon two-tier architecture based on the Core and Satellite technology provides you an easy and scalable way to implement IT systems and network monitoring. The isyVmon solution grows continuously with your requirements by adding a new Satellite to monitor more systems or install Satellites in other locations for distributed monitoring.

isyVmon Hardware Appliance

Table 1 shows the sizing recommendations for isyVmon hardware appliances. For distributed monitoring it's recommended to install at least one isyVmon Satellite at each location. The advantage is, possible latency problems on the WAN connection will not have any impact on the check results and monitoring and alerting is still working locally if the connection to the location will be lost temporarily.

Table 1 Choose your isyVmon hardware appliance			
Number of hosts	up to 500*	up to 800*	up to 1200*
Number of service checks	up to 4000*	up to 7000*	up to 11000*
isyVmon type	Standalone	Core + 1 Satellite	Core + 2 Satellite

*The exact number of hosts and services depends on kind of service checks, the check frequency and the amount of performance data. These recommendations are based on a monitoring environment with a typical mix of more and less complex service checks, an average check frequency of 5 minutes and the assumption about two-thirds of the service checks will be report performance data.

isyVmon Virtual Appliance

Table 2 shows the requirements for the virtual system.

Supported VMware products & versions:

- ESX/ESXi 3.5 and 4.x
- vCenter 2.5 and 4.x
- Server 1.0.6 and 2.0

Table 2a Requirements for the virtual system			
isyVmon type	Standalone	Core	Satellite
CPU	QuadCore CPU	QuadCore CPU	QuadCore CPU
RAM	8 GB	8 GB	2 GB
HDD	100 - 400 GB*	100 - 400 GB*	50 GB

*Disk size depends on the retention time for performance data and eventlogs, and the amount and frequency of service checks.

Table 2b Choose your isyVmon virtual appliance			
Number of hosts	up to 400*	up to 700*	up to 1000*
Number of service checks	up to 3000*	up to 6000*	up to 10000*
isyVmon type	Standalone	Core + 1 Satellite	Core + 2 Satellite

*The exact number of hosts and services depends on kind of service checks, the check frequency and the amount of performance data. These recommendations are based on a monitoring environment with a typical mix of more and less complex service checks, an average check frequency of 5 minutes and the assumption about two-thirds of the service checks will be report performance data.

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