



If you are looking for a complete solution to secure and manage your infrastructure, we present a complete system consisting of a physical two-processor server in a 2U housing. Veeam Backup & Replication backup software, VMware virtualization environment and Graylog log collection and analysis software were installed on it.

ESKOM Backup & Log Management Appliance

Appliance is available in two versions:



Essentials Gen 10

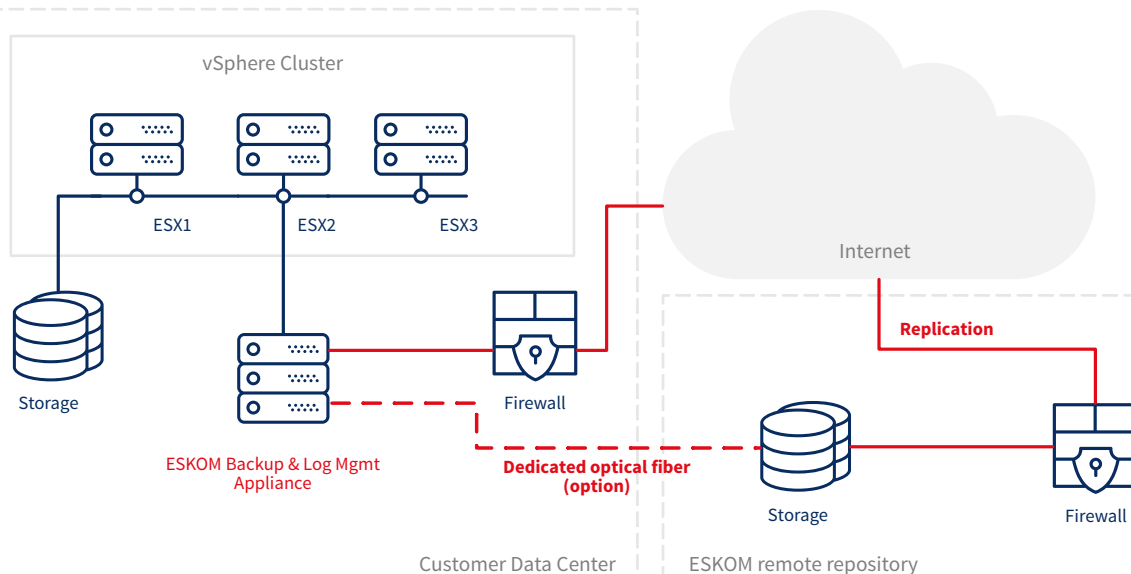


Enterprise Gen 10

Concept

The task of the system will be the collection and analysis of IT infrastructure system logs, management of the virtual machine system for the vSphere host platform as well as execution and storage of backups. Additionally, the system will be able to optionally replicate copies to the ESKOM remote repository.

Four 1 Gb LAN ports are responsible for communication with the local network. Two 10/25 Gb LAN ports are used for communication with the iSCSI SAN network, and two 16Gb FC HBA ports for SAN FC. However, a remote port is dedicated to remote management that allows you to log into the console with the option of remote server restart.





Technical Specifications

	Essentials Gen 10	Enterprise Gen 10
Cabinet height	2 U	2U
Number of processors	2	2
CPU model	Intel Xeon- Silver 4210R	Intel Xeon- Silver 4210R
Number of Cores	2 x 10	2 x 10
Clock frequency	2.4 GHz	2.4GHz
RAM	64 GB (4 x 16GB)	64 GB (4 x 16GB)
Memory Type	DDR4-2933	DDR4-2933
Number of DIMM sockets	24	16
Number of SFF disks	2 x 300GB SAS 10K	2 x 300GB SAS 10K
Maximum number of SFF disks	2	2
Number of LFF disks	8 x 4TB SAS 7.2K	12 x 6TB SAS 7.2K
Maximum number of LFF disks	16	24
Usable disk space installed	>22 TB	>54 TB
The maximum usable amount of disk space	<56 TB	<120 TB
LAN	<ul style="list-style-type: none"> • 4 x 1Gb; • 2 x 10/25Gb 	<ul style="list-style-type: none"> • 4 x 1Gb; • 2 x 10/25Gb
SAN (optionally)	2 x 16Gb FC HBA	2 x 16Gb FC HBA
Power	2 x 800W Platinum Hot Plug	2 x 800W Platinum Hot Plug
RACK mount	Rails enable ejecting the server from the RACK cabinet	Rails enable ejecting the server from the RACK cabinet
Administration	Full remote console access via a dedicated LAN port	Full remote console access via a dedicated LAN port
Warranty	3 years with a next business day response time	3 years with a next business day response time
Software provided and installed	<ul style="list-style-type: none"> • Windows 2019 Standard • Veeam Backup & Replication • VMware vCenter* • Graylog 	<ul style="list-style-type: none"> • Windows 2019 Standard • Veeam Backup & Replication • VMware vCenter* • Graylog
Veeam Backup & Replication	Essentials Enterprise Plus annual licenses for 6 CPU slots	Essentials Enterprise Plus annual licenses for 6 CPU slots
Price	from PLN 99 000 net**	from PLN 139 000 net**

* Appliance does not include VMware vCenter and vSphere licenses

** The price depends on the amount of CPU in the backup environment, disk capacity of the Appliance, purchased support time for the Veeam license

The implementation includes: delivery, installation, initial software configuration for the client's environment, connection to a remote ESKOM repository (NDA and PPD agreement recommended) and 2 hour training for the administrator.

As part of the purchase, you get a monthly free opportunity to use the remote backup repository at ESKOM. Then you will be presented with a simulation of the monthly fee.