Collax Business Server
Develop your digital infrastructure

Collax Business Server is the multiple award-winning and thousandfold installed server solution for your business requirements. Flexible, powerful and reliable, it takes care of your security and controls your infrastructure. For the seamless progress of digitization in your company, it provides you with important server applications with its versatility. This gives you flexibility and security.

Secure digital basic supply
For an efficient company network, the Collax Business Server provides all the necessary means. The spectrum ranges from central user management to central name resolution (DNS) to device management via DHCP. The whole is rounded off with software-defined bridging and switching and a highly integrated backup and restore system.

Enterprise E-Mail Server
The integrated mail server manages and organizes all e-mails. No matter whether directly or via the provider. The mailboxes are available via all common methods. Security is provided by mail security programs as well as already integrated web security solutions.

Dynamic storage and file server
The file server provides users and teams with a central storage location for their files. The file server supports all common protocols. This means that data can be stored securely to be shared with each other from different locations. Volume management allows seamless dynamic expansion whenever your users need more storage.

Web-Access
The CBS allows direct access to all e-mails, files up to the integrated database via web access. Reverse proxies can be set up for suitable web applications and Exchange servers (OWA).

Intelligent filtering technology and modern firewall
In addition to a modern stateful inspection firewall, the Collax Business Server provides sophisticated filtering techniques for Web and e-mail traffic. Harmful or unwanted data - whether viruses, spam, phishing attacks or malware - is reliably blocked or sorted out. The hardened operating system of the Collax Business Server increases stability. Together with the firewall, the attack surface of your infrastructure is significantly reduced. At the same time, the authenticity of the Collax operating system can be 100% verified (deterministic).

Remote access via VPN
If sites are to be networked or mobile employees are to be given access to the corporate network, this is done with the help of VPN (Virtual Private Networking). The spy-proof connections are carried out according to the IPsec standard or WireGuard. Home offices and mobile devices with all common operating systems can be connected without further software installation.

Vorteile

- Basic IT Services
- Enterprise E-Mail Server
- Comprehensive network management
- Location independent working
- Reliable enterprise protection through firewall and hardened system
- Secure and efficient
- Scalable and ready for immediate use
- Fair pricing model

System requirements
Minimum requirements:
- 64Bit X86-Prozessor
- USB-Stick or CD-/DVD-ROM drive, bootable
- Hard disk from 16 GB, with V72 30 GB
- Min 1 x 1GB network interfaces
- RAM min. 1024 MB
- For installation only: VGA-capable graphics card

Technical Details

Applikationen

Email-Server
Enterprise SMTP server - flexible email fetching - email stores - Auth - TLS - Ouotas - email relaying - unlimited email domains - email distribution list - anti-virus (opt.) - archive (opt.)Storage- und Application-Server

Storage and Application Server
File Server (NAS) - CIFS/SMB - NFS - FTP - HTTP(S) - Volume Management - ACL and Quota Management - File Synchronization - Web Server - Virtual Hosts - SQL Database - Platform for Custom Web Applications (PHP, Python, Perl) - Virus Protection (opt.)

Web-Access
Web mailer with contacts - Access to file server - Access to OWA and individual web applications - Monitoring - Groupware (opt.) - E-mail archive (opt.) - SSL VPN (opt.)

Application Security

Email Security
Live Spam Protection - Live Spam Protection - E-Mail Greylisting - Reputation Filter - Realtime Blacklists-Attachment Filter - Customized Lists - Zero Day Protection - Trainable Filter - Media Filter - Enterprise SMTP Filter - Anti-Virus (opt.)

Web Browsing Security (Web Proxy)
Authenticated or transparent - Group, user and time control - Content and URL filtering by categories - SSL interception - Logging and statistics - SSO via ActiveDirectory - Anti-Virus (opt.)

Networking
Deep Inspection Firewall - Country Lock - Network Failover - Virtual Switching - Bridging - Link Aggregation - Masquerading - Port Forwarding - MAC Address Monitoring

VPN
Branch office networking - VPN for mobile devices - Android, iOS, Windows - IPSec according to X.509, IKEv1 and IKEv2 - WireGuard (net to net) - Great interoperability - Certificate management and CRL management - Proposal according to BSI recommendation - SSL VPN (opt)

Administration
Remote administration - update management for system, virus, spam and URL filters - delegatable and role-based administration - configuration database - configuration report - firewall report - online documentation - performance statistics

User Management
Central user and group management (LDAP, Kerberos) - Active Directory integration - SSO (Single Sign On) - Password policies

Data backup
To SMB, NFS, tape - incremental or full - scheduled - restore: full and file-based

Server Management
Active system monitoring - UPS support - Hardened deterministic operating system

Possible extensions

Collax Central
Monitoring and inventory of all servers in the company

Collax Email Archive
Audit-proof storage of your emails

Collax SSL-VPN
No software client required, for network and application access by mobile employees

OpenVPN by linudata
Secure access to the company network

Collax Net Backup Server
Central server to secure your data in your network infrastructure

Collax Avira Antivir
Virus and malware protection from the leading security solution provider

Kopano Groupware powered by Collax
Groupware and collaboration solution for efficient and networked work of your employees, mobile or in the office

Collax Surf Protection powered by Cobion
URL filter with real-time monitoring