



IT SERVICES

SOLUTIONS

SOFTWARE

CONSULTING

scVENUS 2.4

Feature overview

General

- › uniform administration of heterogeneous networks
- › broad spectrum of supported platforms, including Windows
- › adaptable to existing network environments and administration structures
- › scales from small to profoundly distributed networks
- › combination of modules
- › integrated access to the functionality of other modules
- › central point of administration
- › integrated logging and documentation
- › parallel administration through multiple system administrators at the same time
- › administration via secure network communication
- › administration either by using GUI, browser or via command line
- › auditing all administrative activities in the GUI module Job Log Browser
- › automated activation using command line tools
- › ITIL oriented

Configuration management

- › automates recurring administration steps
- › a central depot gathers available administrative knowledge
- › **new with 2.4:** granularly granting permissions also for methods
- › divides computer environments according to architectures and arbitrary groups
- › methods concepts separate functionality from implementation

(Configuration management)

- › allows generalizations when possible, specializations when necessary
- › flexibly expandable in different script languages
- › **new with 2.4:** a multitude of functions help to easily create methods for Windows clients
- › allows parallel execution of administrative tasks on multiple hosts
- › saves administrative steps for temporarily unavailable clients
- › integrates Wake on LAN function for the maintenance of not reachable clients
- › integrates remote administration functionalities allowing a uniform access to cluster nodes
- › synchronous administration of LDAP/Active Directory and NIS
- › integrated maintenance of DNS data is possible

Software distribution

- › uniform package format for all supported platforms
- › parallel installation of different versions of the same software
- › easy creation of your own packages
- › directly checking-in MSI packages for Windows clients into the software depot
- › integrated patch management for Windows clients
- › **new with 2.4:** integrated administration of Windows update files (msu)
- › requires low central and disk space during the installation of large packages
- › efficient distribution via multicast and replicated depots



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(Software distribution)

- **new with 2.4:** replication of depots also possible on Windows clients
- offline replication via removable media possible
- automated package distribution via configuration management possible
- adaptations via installation scripts and host specific variables possible

User administration

- uniform user administration for Linux/Unix and Windows
- allows application of system-wide password policies
- administrates user and project file systems, optionally as single system image
- can transparently transport user and project data between server
- configures diverse network file systems (NFS, SMB/CIFS)
- configures diverse automounters (amd, autofs, DFS)
- administrates configuration and user data in NIS and LDAP
- administrates user data in Active Directory

Monitoring

- monitors current system events (Events)
- registers permanent changes in the system status (Reports)
- assesses events, enables automatic reactions
- flexible adaptations via scripts
- graphic evaluation in GUI or browser
- enables commenting of events
- overviews configurable by user
- efficient data storage and transfer
- possible links via multiple inbetween nodes into protected networks

(Monitoring)

- broad spectrum of delivered agents (for CPU-load, network, protocol files, disk space, processes ...)
- **new with 2.4:** integrated access to protocol files of licence daemons

Inventory

- automatically collects data about hardware and software
- allows optional levels of details
- expandable via script-based data collection modules
- can be queried via GUI or command line programs
- comparison of target and actual data possible

Client installation

- installs and configures the basic operating system and additional software
- automatically updates systems to a defined software status
- minimizes the effort for disaster recovery and installation replication
- allows optional adaptations with complete scVENUS functionality
- integrates OS specific installation tools for Windows, Linux and Unix variants

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