

Primary Datacenter	
Location	Munich / Germany
Serviceprovider	M-Net
Uplinks	1Gbit M-net 1Gbit Deutsche Telekom 1Gbit Versatel 1Gbit Colt 1Gbit British Telecom
Benefits	TIER III compliance n+1 redundancy on Power, Cooling, Network, Located near (100m) InterNetWire/registry.net Headquarter

Base components (CoreRouters) Primary Datacenter	
Vendor	Cisco Systems
Hardware	Catalyst WS-C6509-E (primary) Supervisor Engine WS-SUP720-3BXL (redundant) Cisco 7604 (backup) Supervisor Engine WS-SUP720-3BXL
Uplinks	1Gbit M-Net 1Gbit Versatel
Adapter	52x 1Gbit RJ45/SC (6509) 20x 1Gbit RJ45/SC (7604)
Software	Cisco IOS 12.x

Base components (Firewall) Primary Datacenter	
Vendor	Vyatta
Hardware	INTEL 64bit Multicore CPU 8 GB DDR2 ECC RAM
uplinks	1Gbit M-Net 1Gbit Versatel
Adapter	4x 1Gbit RJ45 6x 10Gbit SFP+
Software	Vyatta 6.3

Base components (Backboneswitch) Primary Datacenter	
Switch	Juniper EX4200
Adapter	24-port 100Base-FX/1000Base-X SFP ports
Software	JunOS 11.x

Base components (Rackswitch) Primary Datacenter	
Switch	Juniper EX2200
Adapter	48 built-in network ports with 10/100/100BASE-T Gigabit Ethernet connectors
Software	JunOS 11.x

Secondary Datacenter	
Location	St. Ingbert / Germany
Serviceprovider	SkyWay Datacenter
Uplinks	1Gbit VSEnet 1Gbit INEXIO Redundancy with IBGP on Core Router
Benefits	TIER III Located at Key-Systems/KSregistry Headquarter n+1 redundancy on Power, Cooling, Network,

Base components (CoreRouter/Firewall) Secondary Datacenter	
Vendor	Vyatta
Hardware	INTEL 64bit Multicore CPU 8 GB DDR2 ECC RAM
uplinks	1Gbit VSENet 1 GbIT INEXIO
Adapter	4x 1Gbit RJ45 6x 10Gbit SFP+
Software	Vyatta 6.3

Base components (Backboneswitch) Secondary Datacenter	
Switch	Juniper EX4200
Adapter	24-port 100Base-FX/1000Base-X SFP ports
Software	JunOS 11.x

Base components (Rackswitch) Secondary Datacenter	
Switch	Juniper EX2200
Adapter	48 built-in network ports with 10/100/100BASE-T Gigabit Ethernet connectors
Software	JunOS 11.x

Typical components for each Application Server	
Server	IBM compatible Linux Server
Processor	INTEL 64bit Multicore CPU
Memory	Up to 64 GB ECC DDR2 RAM Modules
Disk	Internal RAID 5 for operating system and software Additional intern RAID 5 for data iSCSI Support
Network Adapter	Average 4 100/1000 mbit network interface
Operatng System	SUSE Enterprise Linux 11 SP 2
Other Software	LVM, Nagios and Zabbix specific checks

Typical components for each Database Server	
Server	IBM compatible Linux Server
Processor	INTEL 64bit Multicore CPU
Memory	ECC DDR2 RAM Modules
Disk	Internal RAID 5 for operating system and software Additional intern RAID 5 for data

Network Adapter	Average 6 100/1000 mbit network interface
Operatng System	SUSE Enterprise Linux 11 SP 2
Other Software	LVM, MySQL , MySQL Cluster, MySQL Backuptools,Nagios and Zabbix specific checks

Typical components for each storage Server	
Server	IBM compatible Linux Server
Processor	INTEL 64bit Multicore CPU
Memory	ECC DDR2 RAM Modules
Disk	Internal RAID 5 for operating system and software Additional intern RAID 10 for data
Network Adapter	Average 4 100/1000 mbit network interface
Operatng System	SUSE Enterprise Linux 11 SP 2
Other Software	LVM, Bacula Director, Bacula Storage, MySQL Tools,Nagios and Zabbix specific checks

Typical components for DNS/additional Server	
Server	IBM compatible Linux Server
Processor	INTEL 64bit Multicore CPU
Memory	ECC DDR2 RAM Modules
Disk	Internal RAID 5 for operating system and software
Network Adapter	Average 4 100/1000 mbit network interface
Operatng System	SUSE Enterprise Linux 11 SP 2
Other Software	BIND,OpenDNSSEC,GIT, Nagios and Zabbix specific checks

HSM (Hardware Security Module)	
Vendor	Safenet Luna
RSA	1024bit
Sigs/sec	More than 7.000

	Software	Typ	Partner
Operating System	SUSE	24x7 premium	Full support via SUSE regarding all components of the operating system
Database Software	MySQL	24x7 premium	Full support via SkySQL reagarding full patch in case of critical software failures and update for MySQL Community Edition
Backup Software	Bacula	24x7 premium	Full support via Credativ reagarding Bacula and consulting on new backup strategies
Servers	Thomas Krenn	4hr service	Full support via Thomas Krenn, delierving pre exchange components within 4 hours
Switches	Juniper	4hr service	Full support via Juniper and SkyWay DC, delierving pre exchange components within 4 hours