Chapter 32 : Table overview

Base componets (CoreRouter/Firewall) Primary 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 (Backbone switch) Primary Datacenter	
Switch	Juniper EX4200
Adapter	24-port 100Base-FX/1000Base-X SFP ports
Software	JunOS 11.x

Base components (Rack switch) Primary 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
Operating 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
Operating System	SUSE Enterprise Linux 11 SP 2
Other Software	LVM, MySQL , MySQL Cluster, MySQL BackupTool, 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
Operating System	SUSE Enterprise Linux 11 SP 2
Other Software	LVM, MySQL , MySQL Cluster, MySQL BackupTool, 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	Up to 24 GB 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	
RSA	
Sigs/sec	

	Software	Typ	Partner / SLA
Operating System	SUSE	24x7 premium	Full support via SUSE regarding all components of the operating system, according to SLA we have a 4 hr response time 24x7x365
Database Software	MySQL	24x7 premium	Full support via Credativ regarding full patch in case of critical software failures and update for MySQL Community Edition, we have a 4 hr response time according to SLA 24x7x365
Backup Software	Bacula	24x7 premium	Full support via Credativ regarding Bacula and consulting on new backup strategies, we have a 4 hr response time according to SLA 24x7x365
Servers	Thomas Krenn	4hr service	Full support via Thomas Krenn, delivering pre exchange components within 4 hours
Switches	Juniper	4hr service	Full support via Juniper and SkyWay DC, delivering pre exchange components within 4 hours
Monitoring	Credativ	24x7 premium	Full support via Credativ regarding Zabbix and Nagios and consulting on new monitoring strategies, we have a 4 hr response time according to SLA 24x7x365