

CompTIA Server+ Certification Exam Objectives

EXAM NUMBER: SKO-005



About the Exam

Candidates are encouraged to use this document to help prepare for the CompTIA Server+ (SKo-005) certification exam. The CompTIA Server+ certification exam will verify the successful candidate has the knowledge and skills required to:

- Install, configure, and manage server hardware and server operating systems
- Implement proper server hardening and security controls
- Successfully troubleshoot common server problems
- · Demonstrate an understanding of key disaster recovery, high-availability, and backup concepts

This is equivalent to two years of hands-on experience working in a server environment.

These content examples are meant to clarify the test objectives and should not be construed as a comprehensive listing of all the content of this examination.

EXAM DEVELOPMENT

CompTIA exams result from subject matter expert workshops and industry-wide survey results regarding the skills and knowledge required of an IT professional.

COMPTIA AUTHORIZED MATERIALS USE POLICY

CompTIA Certifications, LLC is not affiliated with and does not authorize, endorse or condone utilizing any content provided by unauthorized third-party training sites (aka "brain dumps"). Individuals who utilize such materials in preparation for any CompTIA examination will have their certifications revoked and be suspended from future testing in accordance with the CompTIA Candidate Agreement. In an effort to more clearly communicate CompTIA's exam policies on use of unauthorized study materials, CompTIA directs all certification candidates to the CompTIA Certification Exam Policies. Please review all CompTIA policies before beginning the study process for any CompTIA exam. Candidates will be required to abide by the CompTIA Candidate Agreement. If a candidate has a question as to whether study materials are considered unauthorized (aka "brain dumps"), they should contact CompTIA at examsecurity@comptia.org to confirm.

PLEASE NOTE

The lists of examples provided in bulleted format are not exhaustive lists. Other examples of technologies, processes, or tasks pertaining to each objective may also be included on the exam although not listed or covered in this objectives document. CompTIA is constantly reviewing the content of our exams and updating test questions to be sure our exams are current and the security of the questions is protected. When necessary, we will publish updated exams based on testing exam objectives. Please know that all related exam preparation materials will still be valid.



TEST DETAILS

Required exam SKo-005

Number of questions Maximum of 90

Types of questions Multiple choice and performance-based

Length of test 90 minutes

Recommended experience • Two years of hands-on experience working in a server environment

• CompTIA A+ certified or equivalent knowledge

Passing score 750

EXAM OBJECTIVES (DOMAINS)

The table below lists the domains measured by this examination and the extent to which they are represented.

| DOMAIN PERC | ENTAGE OF EXAMINATION |
|--|-----------------------|
| 1.0 Server Hardware Installation and Managemen | 18% |
| 2.0 Server Administration | 30% |
| 3.0 Security and Disaster Recovery | 24% |
| 4.0 Troubleshooting | 28% |
| Total | 100% |





1.0 Server Hardware Installation and Management

- Given a scenario, install physical hardware.
 - Racking
 - Enclosure sizes
 - Unit sizes
 - 1U, 2U, 3U, etc.
 - Rack layout
 - Cooling management
 - Safety
 - Proper lifting techniques
 - Rack balancing
 - Floor load limitations
 - Power distribution unit (PDU)
 - Keyboard-videomouse (KVM) placement
 - Rail kits
 - · Power cabling
 - Redundant power
 - Uninterruptible power supply (UPS)
 - Separate circuits

- Separate providers
- Power connector types
- Cable management
- Network cabling
 - Redundant networking
 - Twisted pair
 - Fiber
 - SC
 - LC
 - Single mode
 - Multimode
 - Gigabit
 - 10 GigE
 - Small form-factor pluggable (SFP)
 - SFP+
 - Quad small form-factor pluggable plus (QSFP+)
 - Cable management

- Server chassis types
 - Tower
 - Rack mount
 - Blade enclosure
- Server components
 - Hardware compatibility list (HCL)
 - Central processing unit (CPU)
 - Graphics processing unit (GPU)
 - Memory
 - Bus types
 - Interface types
 - Expansion cards

Given a scenario, deploy and manage storage.

- RAID levels and types
 - 0
 - -1 -5
 - 6
 - 0
 - Just a bunch of disks (JBOD)
 - Hardware vs. software
- · Capacity planning
- · Hard drive media types
 - Solid state drive (SSD)
 - Wear factors
 - Read intensive

- Write intensive
- Hard disk drive (HDD)
 - Revolutions per minute (RPM)
 - 15,000
 - 10,000
 - 7,200
- Hybrid
- Interface types
 - Serial attached SCSI (SAS)
 - Serial ATA (SATA)
 - Peripheral component interconnect (PCI)

- External serial advanced technology attachment (eSATA)
- Universal serial bus (USB)
- Secure digital (SD)
- Shared storage
 - Network attached storage (NAS)
 - Network file system (NFS)
 - Common Internet file system (CIFS)
 - Storage area network (SAN)
 - Internet small
 - computer systems interface (iSCSI)
 - Fibre Channel
 - Fibre Channel over Ethernet (FCoE)





Given a scenario, perform server hardware maintenance.

- Out-of-band management
 - Remote drive access
 - Remote console access
 - Remote power on/off
 - Internet protocol keyboardvideo-mouse (IP KVM)
- Local hardware administration
 - Keyboard-video-mouse (KVM)
 - Crash cart
 - Virtual administration console
 - Serial connectivity
 - Console connections

- Components
 - Firmware upgrades
- Drives
- Hot-swappable hardware
 - Drives
 - Cages
 - Cards
 - Power supplies
 - Fans
- · Basic input/output system (BIOS)/Unified Extensible Firmware Interface (UEFI)





• 2.0 Server Administration

- Given a scenario, install server operating systems.
 - Minimum operating system (OS) requirements
 - · Hardware compatibility list (HCL)
 - Installations
 - Graphical user interface (GUI)
 - Core
 - Bare metal
 - Virtualized
 - Remote
 - Slipstreamed/unattended
 - Scripted installations
 - Additional drivers

- Additional applications and utilities
- Patches
- Media installation type
 - Network
 - Optical
 - Universal serial bus (USB)
 - Embedded
- Imaging
 - Cloning
 - Virtual machine (VM) cloning
 - Physical clones

- Template deployment
- Physical to virtual (P2V)
- Partition and volume types
 - Global partition table (GPT)
 vs. master boot record (MBR)
 - Dynamic disk
 - Logical volume management (LVM)
- File system types
 - ext4
 - New technology file system (NTFS)
 - VMware file system (VMFS)
 - Resilient file system (ReFS)
 - Z file system (ZFS)

Given a scenario, configure servers to use network infrastructure services.

- IP configuration
- · Virtual local area network (VLAN)
- Default gateways
- Name resolution
 - Domain name service (DNS)
 - Fully qualified domain name (FQDN)
 - Hosts file

- Addressing protocols
 - IPv4
 - Request for comments(RFC) 1918 address spaces
 - IPv6
- Firewall
 - Ports

- Static vs. dynamic
 - Dynamic host configuration protocol (DHCP)
 - Automatic private IP address (APIPA)
- MAC addresses



Given a scenario, configure and maintain server functions and features.

- · Server roles requirements
 - Print
 - Database
 - File
 - Web
 - Application
 - Messaging
 - Baselining
 - Documentation
 - Performance metrics
- Directory connectivity
- · Storage management
 - Formatting
 - Connectivity
 - Provisioning
 - Partitioning
 - Page/swap/scratch location and size

- Disk quotas
- Compression
- Deduplication
- Monitoring
 - Uptime
 - Thresholds
 - Performance
 - Memory
 - Disk
 - Input output operations per second (IOPS)
 - Capacity vs. utilization
 - Network
 - Central processing unit (CPU)
 - Event logs
 - Configuration
 - Shipping

- Alerting
- Reporting
- Retention
- Rotation
- · Data migration and transfer
 - Infiltration
 - Exfiltration
 - Disparate OS data transfer
 - Robocopy
 - File transfer
 - Fast copy
 - Secure copy protocol (SCP)
- Administrative interfaces
 - Console
 - Remote desktop
 - Secure shell (SSH)
 - Web interface

Explain the key concepts of high availability for servers.

- Clustering
 - Active-active
 - Active-passive
 - Failover
 - Failback
 - Proper patching procedures
 - Heartbeat

- Fault tolerance
 - Server-level redundancy vs. component redundancy
- · Redundant server network infrastructure
 - Load balancing
 - Software vs. hardware
 - Round robin

- Most recently used (MRU)
- Network interface card (NIC) teaming and redundancy
 - Failover
 - Link aggregation

2.5 Summarize the purpose and operation of virtualization.

- Host vs. guest
- Virtual networking
 - Direct access (bridged)
 - Network address translation (NAT)
 - vNICs
 - Virtual switches

- Resource allocation and provisioning
 - CPU
 - Memory
 - Disk
 - NIC
 - Overprovisioning
 - Scalability

- Management interfaces for virtual machines
- Cloud models
 - Public
 - Private
 - Hybrid



^{2.6} Summarize scripting basics for server administration.

- Script types
 - Bash
 - Batch
 - PowerShell
 - Virtual basic script (VBS)
- Environment variables
- Comment syntax

- Basic script constructs
 - Loops
 - Variables
 - Conditionals
 - Comparators
- · Basic data types
 - Integers
 - Strings
 - Arrays

- Common server administration scripting tasks
 - Startup
 - Shut down
 - Service
 - Login
 - Account creation
 - Bootstrap

Explain the importance of asset management and documentation.

- · Asset management
 - Labeling
 - Warranty
 - Leased vs. owned devices
 - Life-cycle management
 - Procurement
 - Usage
 - End of life
 - Disposal/recycling
 - Inventory
 - Make
 - Model

- Serial number
- Asset tag
- · Documentation management
 - Updates
 - Service manuals
 - Architecture diagrams
 - Infrastructure diagrams
 - Workflow diagrams
 - Recovery processes
 - Baselines
 - Change management
 - Server configurations

- Company policies and procedures
 - Business impact analysis (BIA)
 - Mean time between failure (MTBF)
 - Mean time to recover (MTTR)
 - Recovery point objective (RPO)
 - Recovery time objective (RTO)
 - Service level agreement (SLA)
 - Uptime requirements
- Document availability
- Secure storage of sensitive
- documentation

Explain licensing concepts.

- Models
 - Per-instance
 - Per-concurrent user
 - Per-server
 - Per-socket
 - Per-core
 - Site-based

- Physical vs. virtual
- Node-locked
- Signatures
- Open source
- $\bullet \, Subscription \,$
- License vs. maintenance and support
- · Volume licensing

- · License count validation
 - True up
- Version compatibility
 - Backward compatible
 - Forward compatible



3.0 Security and Disaster Recovery

- 3.1 Summarize data security concepts.
 - Encryption paradigms
 - Data at rest
 - Data in transit
 - Retention policies
 - · Data storage
 - Physical location storage
 - Off-site vs. on-site

- · UEFI/BIOS passwords
- Bootloader passwords
- Business impact
 - Data value prioritization
 - Life-cycle management
 - Cost of security vs. risk and/or replacement
- Summarize physical security concepts.
 - Physical access controls
 - Bollards
 - Architectural reinforcements
 - Signal blocking
 - Reflective glass
 - Datacenter camouflage
 - Fencing

- Security guards
- Security cameras
- Locks
 - Biometric
 - Radio frequency identification (RFID)
 - Card readers

- Access control vestibules
- Safes
- · Environmental controls
 - Fire suppression
 - Heating, ventilation, and cooling (HVAC)
 - Sensors
- Explain important concepts pertaining to identity and access management for server administration.
 - User accounts
 - User groups
 - · Password policies
 - Length
 - Lockout
 - Enforcement
 - · Permissions and access controls
 - Role-based
 - Rule-based

- Scope based
- Segregation of duties
- Delegation
- Auditing
 - User activity
 - Logins
 - Group memberships
 - Deletions

- Multifactor authentication (MFA)
 - Something you know
 - Something you have
 - Something you are
- · Single sign-on (SSO)



Explain data security risks and mitigation strategies.

- Security risks
 - Hardware failure
 - Malware
 - Data corruption
 - Insider threats
 - Theft
 - Data loss prevention (DLP)
 - Unwanted duplication
 - Unwanted publication
 - Unwanted access methods
 - Backdoor
 - Social engineering

- Breaches
 - Identification
 - Disclosure
- · Mitigation strategies
 - Data monitoring
 - Log analysis
 - Security information and event management (SIEM)
 - Two-person integrity
 - Split encryption keys tokens
 - Separation of roles

- Regulatory constraints
 - Governmental
 - Individually privileged information
 - Personally identifiable information (PII)
 - Payment Card Industry Data Security Standard (PCI DSS)
- Legal considerations
 - Data retention
 - Subpoenas

Given a scenario, apply server hardening methods.

- · OS hardening
 - Disable unused services
 - Close unneeded ports
 - Install only required software
 - Apply driver updates
 - Apply OS updates
 - Firewall configuration
- Application hardening
 - Install latest patches
 - Disable unneeded services, roles, or features

- Host security
 - Antivirus
 - Anti-malware
 - Host intrusion detection system (HIDS)/Host intrusion prevention system (HIPS)
- · Hardware hardening
 - Disable unneeded hardware
 - Disable unneeded physical ports, devices, or functions
 - Set BIOS password
 - Set boot order

Patching

- Testing
- Deployment
- Change management

Summarize proper server decommissioning concepts.

- Proper removal procedures
 - Company policies
 - Verify non-utilization
 - Documentation
 - Asset management
 - Change management
- Media destruction
 - Disk wiping
 - Physical
 - Degaussing
 - Shredding
 - Crushing
 - Incineration
 - Purposes for media destruction

- Media retention requirements
- Cable remediation
 - Power
 - Networking
- · Electronics recycling
 - Internal vs. external
 - Repurposing





Explain the importance of backups and restores.

- · Backup methods
 - Full
 - Synthetic full
 - Incremental
 - Differential
 - Archive
 - Open file
 - Snapshot

- Backup frequency
- Media rotation
- · Backup media types
 - Tape
 - Cloud
 - Disk
 - Print
- · File-level vs. system-state backup

- · Restore methods
 - Overwrite
 - Side by side
 - Alternate location path
- · Backup validation
 - Media integrity
 - Equipment
 - Regular testing intervals
- · Media inventory before restoration

Explain the importance of disaster recovery.

- Site types
 - Hot site
 - Cold site
 - Warm site
 - Cloud
 - Separate geographic locations
- Replication
 - Constant
 - Background
 - Synchronous vs. asynchronous

- Application consistent
- File locking
- Mirroring
- Bidirectional
- Testing
 - Tabletops
 - Live failover
 - Simulated failover
 - Production vs. non-production





4.0 Troubleshooting

Explain the troubleshooting theory and methodology.

- Identify the problem and determine the scope.
 - Question users/stakeholders and identify changes to the server/environment.
 - Collect additional documentation/logs.
 - If possible, replicate the problem as appropriate.
 - If possible, perform backups before making changes.
 - Escalate, if necessary.

- Establish a theory of probable cause (question the obvious).
 - Determine whether there is a common element or symptom causing multiple problems.
- Test the theory to determine the cause.
 - Once the theory is confirmed, determine the next steps to resolve the problem.
 - If the theory is not confirmed, establish a new theory.
- Establish a plan of action to resolve the problem.
 - Notify impacted users.

- Implement the solution or escalate.
 - Make one change at a time and test/confirm the change has resolved the problem.
 - If the problem is not resolved, reverse the change, if appropriate, and implement a new change.
- Verify full system functionality and, if applicable, implement preventive measures.
- · Perform a root cause analysis.
- Document findings, actions, and outcomes throughout the process.

Given a scenario, troubleshoot common hardware failures.

- Common problems
 - Predictive failures
 - Memory errors and failures
 - System crash
 - Blue screen
 - Purple screen
 - Memory dump
 - Utilization
 - Power-on self-test (POST) errors
 - Random lockups
 - Kernel panic
 - Complementary metal-oxidesemiconductor (CMOS) battery failure
 - System lockups
 - Random crashes
 - Fault and device indication
 - Visual indicators

- Light-emitting diode (LED)
- Liquid crystal display (LCD) panel readouts
 - Auditory or olfactory cues
 - POST codes
- Misallocated virtual resources
- · Causes of common problems
 - Technical
 - Power supply fault
 - Malfunctioning fans
 - Improperly seated heat sink
 - Improperly seated cards
 - Incompatibility of components
 - Cooling failures
 - Backplane failure
 - Firmware incompatibility
 - CPU or GPU overheating

- Environmental
 - Dust
 - Humidity
 - Temperature
- Tools and techniques
 - Event logs
 - Firmware upgrades or downgrades
 - Hardware diagnostics
 - Compressed air
 - Electrostatic discharge (ESD) equipment
 - Reseating or replacing components and/or cables



Given a scenario, troubleshoot storage problems.

Common problems

- Boot errors
- Sector block errors
- Cache battery failure
- Read/write errors
- Failed drives
- Page/swap/scratch file or partition
- Partition errors
- Slow file access
- OS not found
- Unsuccessful backup
- Unable to mount the device
- Drive not available
- Cannot access logical drive
- Data corruption
- Slow I/O performance
- Restore failure
- Cache failure
- Multiple drive failure

· Causes of common problems

- Disk space utilization
 - Insufficient disk space
- Misconfigured RAID
- Media failure
- Drive failure
- Controller failure
- Host bus adapter (HBA) failure
- Loose connectors
- Cable problems
- Misconfiguration
- Corrupt boot sector
- Corrupt filesystem table
- Array rebuild
- Improper disk partition
- Bad sectors
- Cache battery failure
- Cache turned off
- Insufficient space

- Improper RAID configuration
- Mismatched drives
- Backplane failure

· Tools and techniques

- Partitioning tools
- Disk management
- RAID and array management
- System logs
- Disk mounting commands
 - net use
 - mount
- Monitoring tools
- Visual inspections
- Auditory inspections

Given a scenario, troubleshoot common OS and software problems.

Common problems

- Unable to log on
- Unable to access resources
- Unable to access files
- System file corruption
- End of life/end of support
- Slow performance
- Cannot write to system logs
- Service failures
- System or application hanging
- Freezing
- Patch update failure

· Causes of common problems

- Incompatible drivers/modules
- Improperly applied patches
- Unstable drivers or software
- Server not joined to domain
- Clock skew
- Memory leaks
- Buffer overrun
- Incompatibility
 - Insecure dependencies
 - Version management

- Architecture
- Update failures
- Missing updates
- Missing dependencies
- Downstream failures due to updates
- Inappropriate applicationlevel permissions
- Improper CPU affinity and priority

OS and software tools and techniques

- Patching
 - Upgrades
 - Downgrades
- Package management
- Recovery
 - Boot options
 - Safe mode
 - Single user mode
 - Reload OS
 - Snapshots
- Proper privilege escalations
 - runas/Run As
 - sudo
 - su

- Scheduled reboots
- Software firewalls
 - Adding or removing ports
 - Zones
- Clocks
 - Network time protocol (NTP)
 - System time
- Services and processes
 - Starting
 - Stopping
 - Status identification
 - Dependencies
- Configuration management
 - System center configuration manager (SCCM)
 - Puppet/Chef/Ansible
 - Group Policy Object (GPO)
- Hardware compatibility list (HCL)



Given a scenario, troubleshoot network connectivity issues.

Common problems

- Lack of Internet connectivity
- Resource unavailable
- Receiving incorrect DHCP information
- Non-functional or unreachable
- Destination host unreachable
- Unknown host
- Unable to reach remote subnets
- Failure of service provider
- Cannot reach server by hostname/ fully qualified domain name (FQDN)

· Causes of common problems

- Improper IP configuration
- IPv4 vs. IPv6 misconfigurations
- Improper VLAN configuration
- Network port security

- Component failure
- Incorrect OS route tables
- Bad cables
- Firewall (misconfiguration,

hardware failure, software failure)

- Misconfigured NIC
- DNS and/or DHCP failure
- DHCP server misconfigured
- Misconfigured hosts file
- Tools and techniques
 Check link lights
 - Confirm power supply
 - Verify cable integrity
 - Check appropriate cable selection
 - Commands
 - ipconfig

- ip addr
- ping
- tracert
- traceroute
- nslookup
- netstat
- dig
- telnet
- nc
- nbtstat
- route

4.6

Given a scenario, troubleshoot security problems.

Common concerns

- File integrity
- Improper privilege escalation
 - Excessive access
- Applications will not load
- Cannot access network fileshares
- Unable to open files

· Causes of common problems

- Open ports
- Services
 - Active
 - Inactive
 - Orphan/zombie
- Intrusion detection configurations
- Anti-malware configurations
- Improperly configured local/group policies
- Improperly configured firewall rules
- Misconfigured permissions
- Virus infection
- Malware
- Rogue processes/services
- Data loss prevention (DLP)

Security tools

- Port scanners
- Sniffers
- Telnet clients
- Anti-malware
- Antivirus
- File integrity
 - Checksums
 - Monitoring
 - Detection
 - Enforcement
- User access controls
 - SELinux
 - User account control (UAC)



CompTIA Server+ (SKo-005) Acronym List

The following is a list of acronyms that appear on the CompTIA Server+ exam. Candidates are encouraged to review the complete list and attain a working knowledge of all listed acronyms as a part of a comprehensive exam preparation program.

| ACRONYM | SPELLED OUT | ACRONYM | SPELLED OUT |
|---------|--|----------|---|
| ACL | Access Control List | GFS | Grandfather Father Son |
| AD | Active Directory | GPO | Group Policy Object |
| APIPA | Automatic Private IP Address | GPT | GUID Partition Table |
| BCP | Business Continuity Plan | GPU | Graphics Processing Unit |
| BIA | Business Impact Analysis | GUI | Graphical User Interface |
| BIOS | Basic Input/Output System | HBA | Host Bus Adapter |
| BSOD | Blue Screen of Death | HCL | Hardware Compatibility List |
| CIDR | Classless Inter-Domain Routing | HID | Human Interface Device |
| CIFS | Common Internet File System | HIDS | Host Intrusion Detection System |
| CIMC | Cisco Integrated Management Controller | HIPS | Host Intrusion Prevention System |
| CLI | Command Line Interface | HTTP | Hyper Text Transfer Protocol |
| CMOS | Complementary Metal-Oxide-Semiconductor | HTTPS | Hyper Text Transfer Protocol Secure |
| COOP | Continuity of Operations | HVAC | Heating Ventilation and Air Conditioning |
| CPU | Central Processing Unit | ICMP | Internet Controll Message Protocol |
| CRU | Customer Replaceable Unit | IDE | Integrated Development Environment |
| DAS | Direct Attached Storage | IDF | Intermediate Distribution Frame |
| DC | Domain Controller | iDRAC | Integrated Dell Remote Access Control |
| DDoS | Distributed Denial of Service | IDS | Intrusion Detection System |
| DHCP | Dynamic Host Configuration Protocol | IIS | Internet Information Services |
| DLP | Data Loss Prevention | iLO | Integrated Lights Out |
| DLT | Digital Linear Tape | IMAP4 | Internet Mail Access Protocol version 4 |
| DIMM | Dual In-line Memory Module | Intel-VT | Intel Virtualization Technology |
| DMZ | (Replacement term: perimeter network) | IOPS | Input Output Operations per Second |
| DNS | Domain Name System | IP | Internet Protocol |
| DR | Disaster Recovery | IP KVM | Internet Protocol Keyboard-Video-Mouse |
| ECC | Error Checking and Correction | IPMI | Intelligent Platform Management Interface |
| EFS | Encrypting File System | IPS | Intrusion Prevention System |
| eSATA | External Serial Advanced Technology Attachment | IPSEC | Internet Protocol Security |
| ESD | Electrostatic Discharge | IPv6 | Internet Protocol version 6 |
| exFAT | Extensible File Allocation Table | iSCSI | Internetworking Small Computer System Interface |
| FAT | File Allocation Table | ISO | International Organization for Standardization |
| FC | Fibre Channel | JBOD | Just a Bunch of Disks |
| FCoE | Fibre Channel over Ethernet | KVM | Keyboard-Video-Mouse |
| FQDN | Fully Qualified Domain Name | LAN | Local Area Network |
| FRU | Field Replaceable Unit | LC | Lucent Connector/Little Connector |
| FTP | File Transfer Protocol | LCD | Liquid Crystal Display |
| FTPS | File Transfer Protocol over SSL | LDAP | Lightweight Directory Access Protocol |



| LED Light Emitting Diode LTO Linear Tape Open LTO Logical Unit Number LOgical Volume Management RFS Resilient File System LVM Logical Volume Management RFC Request for Comments MAC Media Access Control MBR Master Boot Record RFD Radio Frequency identification MBR Master Boot Record RFD Radio Frequency identification MBR Master Boot Record RFD Radio Frequency identification MBR Management Information Base MFA Multifactor Authentication MBR Management Console MMC Microsoft Management Console MMC Microsoft Management Console MMC Microsoft Management Console MRF Microsoft Management Console MRF Microsoft Management Console MRF Microsoft Management Console MRF Mean Time Between Failure SAML Socurity Ascertion Markup Language MRU Most Recently Used MRTB Mean Time Between Failure SAS Serial Attached SCSI MTBF Mean Time between Failure SAS Serial Attached SCSI MTBR Mean Time between Failure SAS Serial Attached SCSI MTBR Mean Time between Failure SAS Serial Attached SCSI MTBR Mean Time between Failure SAS Serial Attached SCSI MTBR Mean Time between Failure SAS Serial Attached SCSI MTBR Mean Time between Failure SAS Serial Attached SCSI MTBR Mean Time between Failure SAS Serial Attached SCSI MTBR Mean Time between Failure SAS Serial Attached SCSI MTBR Mean Time between Failure SCCM System Center Configuration Management SCSI Small Computer system interface NPS Network Ratic Input Output System SCSI Small Computer System Interface NPS Network Inc System SCSI Small Computer System Interface SECURITY System SCSI NPS Network Interface Gard SELITIMAX Security Enhanced Linux SPTP Secure Foliation Protocol NPS Network Coperating System STS Secure Signe System Symple Network Management Protocol STP Operational Units TCP Transmission Control Protocol- NTP Non-Microsoft Management System STS Strippin Operation System System System System System System Sy | ACRONYM | SPELLED OUT | ACRONYM | SPELLED OUT |
|--|---------|---------------------------------------|---------|---|
| LIDN Logical Unit Number REFS Resilient File System LUM Logical Volume Management RFC Request for Comments MAC Media Access Control RFID Radio Frequency Identification MAR Master Boot Record RIS Remote Installation Service MBF MINISTRAM | LED | Light Emitting Diode | RAS | Remote Access Server |
| LUM Logical Volume Management REFS RESIMENT File System MAC Media Access Control RFID Radio Frequency Identification MBR Master Boot Record RIS Remote Installation Service MBF Main Distribution Frame RIS Registered Jack 45 MFA Multifactor Authentication RPM Rotations per Minute MBB Management Information Base RPO Recovery Point Objective MMC Microsoft Management Console RTO Recovery Time Objective MMC Microsoft Message File SAML Security Assertion Markup Language MMC Microsoft Message File SAML Security Assertion Markup Language MMEU Most Recently Used SAN Storage Area Network MTBP Mean Time Between Failure SAS Serial Attached SCSI MTBR Mean Time Between Failure SAS Serial Attached SCSI MTBR Mean Time Between Failure SAS Serial Attached SCSI MTBR Mean Time Between Failure SAS Serial Attached SCSI NC Network Access Control SC Standard Connector NAS Network Attached Storage SCCM System Center Configuration Management NAS Network Attached Storage SCCM System Center Configuration Management NESINO Network Resist Input Output System SCI Small computer System Interface NES Network Riterface Card SELinux Security Enhanced Linux NIDS Network Interface Card SELinux Security Enhanced Linux NIDS Network Interface Card SELinux Security Enhanced Linux NIDS Network Interface Standards and Technology SFTP Secure File Transfer Protocol NUB Network Load Balancing SLA Service Level Agreement NIDS Network Protocol SCI SIMPLE Members of Secure Signal Formation Management Protocol NUME Non-Volatile Memory expression SSD Solid State Drive NOS Network Organizational Units NTP New Technology File System SNMP Simple Network Management Protocol NUME Non-Volatile Memory expression SSD Solid State Drive NOG Operating System ST Straight Tip OTP Operating System ST Straight Tip OTP Operating System ST Straight Tip OTP Transmission Control Protocol NUME Non-Volatile Memory expression SSD Solid State Drive PROTO Peripheral Component Interconnect Extended OU Organizational Units TETP Transmission Control Proto | LTO | | RDP | Remote Desktop Protocol |
| MAC Media Access Control RFID Request for Comments MAC Media Access Control RFID Radio Frequency Identification MBR Master Boot Record RIS Remote Installation Service MBF Main Distribution Frame RIAS Registered jack 45 MBF Multifactor Authentication RBS RPO Rotations per Minute MBB Management Information Base RPO Recovery Point Objective MMC Microsoft Management Console RTO Recovery Point Objective MMC Microsoft Management Console RTO Recovery Time Objective MMR Microsoft Management Console SAM Scrial Attached SCSI MTR Mean Time to Recover SATA Serial Attached SCSI MTR Mean Time to Recover SATA Serial Attached SCSI MTR Mean Time to Recover SATA Serial ATA NC Network Attached Storage SCCM System Center Configuration Management NC Network Attached Storage SCCM System Center Configuration Management NC Network Ries System SD Secure Copy Protocol NetBIOS Network Basic Input Output System SCSI Small Computer System Interface NFS Network Interface Card SELimux Security Enhanced Linux NIDS Network Intrusion Detection System SELimux NIDS Network Intrusion Detection System SELimux NIDS Network Load Balancing SSEP SECURE (PIE Transfer Protocol NTP Network Load Balancing SSEP SMP Simple Network Management Protocol NTP Network Time Protocol NOS Network Time Protocol NOS Network Time Protocol NOW Optical Multimode SSL Secure Shell OM Optical Multimode SSL Secure Shell OM Optical Multimode SSL Secure Shell OM Optical Multimode SSL Secure Shell NOS Operating System STP Secure Shell NOS Operating System STP Social State Drive North Management Protocol Transport State Drive North Management Protocol NOR Operating System STP Social State Drive North Management Protocol NOR Operating System STP Social State Drive North Management Protocol NOR Operating System STP Social State Drive North Management Protocol NOR Operating System STP Social State Drive | LUN | | ReFS | Resilient File System |
| MAC Media Access Control RFID Radio Frequency Identification MBR Master Boot Record RIS Remote Installation Service MFA Multifactor Authentication RPM Rotations per Minute MIB Management Information Base RPO Recovery Point Objective MMC Microsoft Management Console RTO Recovery Proint Objective MMF Microsoft Management Console RTO Recovery Proint Objective MMF Microsoft Management Console RTO Recovery Proint Objective MMF Microsoft Management Console SAML Security Sestion Markup Language MRU Most Recently Used SAM Security Sestion Markup Language MTBR Mean Time Between Failure SAS Serial ATA NAT Network Access Control SC Standard Connector NAS Network Access Control SC Standard Connector NAS Network Address Translation SCP Secure Copy Protocol NEBIOS Network Nadacess Control System SCP Secure Copy Protocol | | _ | RFC | Request for Comments |
| MDF Main Distribution Frame MFA Multifactor Authentication MFA Multifactor Authentication MB Management Information Base MFO Recovery Point Objective MMC Microsoft Management Console MFO Recovery Point Objective MMC Microsoft Management Console MFO Recovery Point Objective MFM Microsoft Management Console MFD Microsoft Management Console MFD Most Recently Used MFD Mean Time Between Failure MFD Mean Time Detector MFD Mean Time Detector NFD Network Access Control NFD Network Access Control NFD Network Access Control NFD Network Address Translation NFD Network Address Translation NFD Network Address Translation NFD Network Interface Card NFD Network Notional Institute of Standards and Technology NFD Network Load Balancing NFD Network Load Balancing NFD Network Load Balancing NFD Network Load Balancing NFD Network Interface NFD New Technology File System NFD Network Moders Translation NFD Network Moders Translation NFD Network Moders Translation NFD Network Interface NFD New Technology File System NFD Network Interface NFD New Technology File System NFD Network Load Balancing NFD Network Moders NFD Network | MAC | | RFID | Radio Frequency Identification |
| MFA Main Distribution Frame RIAS Registered Jack AS MFA Multifactor Authentication RPM ROTATION Point Mile Management Information Base RPO Recovery Point Objective MMC Microsoft Management Console RTO Recovery Time Objective MMC Microsoft Management Console RTO Recovery Time Objective MMC Microsoft Management Console RTO Recovery Time Objective MMF Microsoft Massage File SAML Security Assertion Markup Language SAM Storage Area Network MMF Mean Time Between Failure SAS Serial Attached SCSI MMTR Mean Time to Recover SATA Serial Attached SCSI MMTR Mean Time to Recover SATA Serial Attached SCSI MMTR Mean Time to Recover SATA Serial Attached SCSI MMTR Mean Time to Recover SATA Serial Attached SCSI MMTR Mean Time to Recover SATA Serial Attached SCSI MMTR Mean Time to Recover SATA Serial Attached SCSI MMTR Mean Time to Recover SATA Serial Attached SCSI SAS Network Address Translation SCP Scoure Copy Protocol NetWork Massic Input Output System SCSI Small Computer System Interface SAS Secure Copy Protocol SMAIN Serial MATA Network Address Translation SAS SECURE SMAIN SAS SECURE DIgital SECURITY SAS SECURE SAS SINGLE SECURE SCREEN SAS SINGLE SECURE SCREEN CONTROL SYSTEM TO DIGITAL SECURITY SAS SECURE SCREEN SAS SINGLE SECURE SCREEN CONTROL SYSTEM TO DIGITAL SECURITY SAS SECURE SCREEN SAS SINGLE SECURE SCREEN CONTROL SYSTEM TO DIGITAL SECURITY SAS SECURE SCREEN CONTROL FOR SCREEN SAS SINGLE SIGNLE SECURITY SAS SECURE SCREEN CONTROL FOR SCREEN SAS SINGLE SIGNLE SECURITY SAS SECURE SCREEN SAS SINGLE SIGNLE SAS SECURE SCREEN CONTROL SYSTEM TO DIGITAL SECU | MBR | Master Boot Record | RIS | Remote Installation Service |
| MRL Multifactor Authentication RPM RPO Recovery Point Objective MMC Microsoft Management Console RTO Recovery Time Objective MMF Microsoft Management Console RTO Recovery Time Objective MMF Microsoft Management Console RTO Recovery Time Objective MMRU Most Recently Used SAML Security Assertion Markup Language MTBF Mean Time Between Failure SAS Serial Attached SCSI MTTR Mean Time to Recover SATA Serial ATA NAC Network Access Control SC Standard Connector NAS Network Attached Storage SCCM System Center Configuration Management NAT Network Address Translation SCP Secure Configuration Management NAT Network Address Translation SCP Secure Configuration Management NAT Network Radies Translation SCP Secure Configuration Management NAT Network Radies Translation SCP Secure Objective Digital NAT Network File System SD Secure Digital NIC Network Intractace Card SELIDIAN Security Enhanced Linux NIDS Network Intrusion Detection System SPP Small Form Factor Pluggable NIST National Institute of Standards and Technology SFTP Secure File Transfer Protocol NEB Network Operating System SMTP Simple Mail Transfer Protocol NTP Network Control System SMTP Simple Mail Transfer Protocol NTP Network Time Protocol SQL Structured Query Language NVM Non-Volatile Memory expression SSD Solid State Drive OPEM Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Sockets Layer OPEM Original Equipment Manufacturer SSH Secure Scokets Layer OPEM Original Equipment Manufac | | Main Distribution Frame | RJ45 | Registered Jack 45 |
| MBB Management Information Base RPO Recovery Point Objective MMC Microsoft Management Console RTO Recovery Time Objective MMF Microsoft Massage File SAM Security Assertion Markup Language MRU Most Recently Used SAN Storage Area Network MTBF Mean Time Between Failure SAS Serial ATA MTR Mean Time to Recover SATA Serial ATA NAC Network Access Control SC Standard Connector NAS Network Address Translation SCP Secure Copy Protocol NAT Network Basic Input Dutput System SCSI Small Computer System Interface NFS Network Interface Card SELINUX Secure Digital NIC Network Interface Card SELINUX Secure Digital NIDS Network Interface Card SELINUX Secure Pile Transfer Protocol NIB Network Interface Card SELINUX Secure File Transfer Protocol NIB Network Interface Card SELINUX Secure File Transfer Protocol NIS </td <td></td> <td>Multifactor Authentication</td> <td></td> <td>_</td> | | Multifactor Authentication | | _ |
| MMC Microsoft Management Console RTO Recovery Time Objective MMF Microsoft Message File SAML Security Assertion Markup Language MBB Most Recently Used SAN Storage Area Network MTBF Mean Time Between Failure SAS Serial ATA MTR Mean Time to Recover SATA Serial ATA NAC Network Access Control SC Standard Connector NAS Network Attached Storage SCCM System Center Configuration Management NAT Network Address Translation SCP Secure Opp Protocol NETBIOS Network Address Translation SCP Secure Digital NE Network Intrusion Detection System SD Secure Digital NIST Network Intrusion Detection System SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology SFP Small Form Factor Pluggable NB Network Intrusion Detection System SFP Small F | | | RPO | |
| MMF Microsoft Message File MRU Most Recently Used SAN Storage Area Network MTBF Mean Time between Failure MRU Management MRU Mean Time between Failure MRU Mework Address Translation MRU Mean Time Between Failure MRU Mean Failure MRU Mean Time Between Failure MRU Mean Failure MRU | | _ | RTO | |
| MRU Most Recently Used MTBF Mean Time Detween Failure MTTR Mean Time to Recover SATA Serial Attached SCSI MTR Mean Time to Recover NAC Network Access Control NAS Network Actached Storage NAT Network Address Translation NAS Network Actached Storage NAT Network Address Translation NAS Network Basic Input Output System SCSI NESS Network File System NFS Network Intrusion Detection System SD Secure Digital NIC Network Intrusion Detection System NFS Network Operating System NFS New Technology File System NFS New Technology File System NFF New Tec | | | SAML | |
| MTBF Mean Time between Failure SAS Serial Attached SCSI MTTR Mean Time to Recover SATA Serial ATA NAC Network Access Control SC Standard Connector NAS Network Address Translation SCP Secure Copy Protocol NAT Network Sais Input Output System SCP Secure Copy Protocol NEBIOS Network Interface Card SCS Small Computer System Interface NFS Network Interface Card SELinux Security Enhanced Linux NIDS Network Interface Card SELinux Security Enhanced Linux NIDS Network Interface Card SELinux Security Enhanced Linux NIDS Network Ocad Balancing SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology SFTP Secure Flie Transfer Protocol NCS Network Departing System SMTP Simple Network Management Protocol NTP New Technology File System SMTP Simple Network Management Protocol NTP New Technology File System SN Solid Sta | | _ | SAN | |
| MTTR Mean Time to Recover SATA Serial ATA NAC Network Access Control SC Standard Connector NAS Network Attached Storage SCCM System Center Configuration Management NAT Network Basic Input Output System SCP Secure Copy Protocol NEBIOS Network File System SD Secure Digital NFS Network Interface Card SELinux Security Enhanced Linux NIDS Network Intrusion Detection System SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology SFP Secure File Transfer Protocol NIST National Institute of Standards and Technology SFP Secure Interface Protocol NIST National Institute of Standards and Technology SFP Secure Factor Pluggable NIST National Institute of Standards and Technology SFP Secure Institute of Standards and Technology NIST National Review | | | | |
| NAC Network Attached Storage SCCM System Center Configuration Management NAT Network Address Translation SCP Secure Copy Protocol NetBIOS Network Basic Input Output System SCSI Small Computer System Interface NFS Network File System SD Secure Digital NIC Network Interface Card SELinux Security Enhanced Linux NIDS Network Intrusion Detection System SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology NIB Network Load Balancing NOS Network Operating System SMTP Simple Mail Transfer Protocol NTFS New Technology File System SMMP Simple Mail Transfer Protocol NTFS New Technology File System SMMP Simple Mail Transfer Protocol NTFS New Technology File System SMMP Simple Mail Transfer Protocol NTFS New Technology File System SMMP Simple Network Management Protocol NTF Network Time Protocol SQL Structured Query Language NOM Original Equipment Manufacturer SSH Secure Sokets Layer OBM Optical Multimode SSL Secure Sokets Layer OBM Optical Multimode SSL Secure Sokets Layer ODB Out-of-Band SSO Single Sign-On OS Operating System ST Straight Tip OTP One-Time Password TACACS Terminal Access Control System OTP One-Time Password TACACS Terminal Access Control Protocol PAT Port Address Translation TLS Transmission Control Protocol PAT Port Address Translation TLS Transmission Control Protocol PAT Port Address Translation TLS Transmission Control Protocol PCI Peripheral Component Interconnect Extended UID United Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID United Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID United Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID United Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID United Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID United Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID United Extensible Firmware Interface PCI-X Peripheral Component Int | | | | Serial ATA |
| NAS Network Attached Storage SCCM System Center Configuration Management NAT Network Address Translation SCP Secure Copy Protocol NetBIOS Network Basic Input Output System SD Secure Digital NIC Network Ille System SD Secure Digital NIC Network Interface Card SELinux Security Enhanced Linux NIDS Network Intrusion Detection System SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology SFTP Secure File Transfer Protocol NLB Network Load Balancing SLA Service Level Agreement NOS Network Operating System SMMP Simple Mail Transfer Protocol NTFS New Technology File System SMMP Simple Network Management Protocol NTFP Network Time Protocol SQL Structured Query Language NVMe Non-Volatile Memory expression SSD Solid State Drive OCM Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Shell OM Optical Multimode SSL Secure Sockets Layer OOB Out-of-Band SSD Single Sign-On OTP One-Time Password TACACS Terminal Access Controller Access Control System OTP One-Time Password TACACS Terminal Access Control System OU Organizational Units TCP Transmission Control Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PAT Port Address Translation TLS Transport Layer Security PCI Peripheral Component Interconnect UAC User Account Control PCIDSS Payment Card Industry Data Security Standard UDP User Datagram Protocol PCIC Peripheral Component Interconnect Extended UDD Unit Identification PCI Power Oself-Test V2P Virtual to Physical PCI Probot Execution Environment V8S Visual Basic Script PCI Valud Machine Manager | | | SC | Standard Connector |
| NetBIOS Network Basic Input Output System SCSI Small Computer System Interface NFS Network File System SD Secure Digital NIC Network Interface Card SELinux Security Enhanced Linux NIDS Network Intrusion Detection System SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology NLB Network Code Balancing NDS Network Operating System SFP Secure File Transfer Protocol NLB Network Operating System SMTP Simple Mail Transfer Protocol NTF New Technology File System SMNP Simple Mail Transfer Protocol NTF Network Time Protocol SQL Structured Query Language NOS Network Operating System SSNMP Simple Network Management Protocol NTP Network Time Protocol SQL Structured Query Language NMME Non-Volatile Memory expression SSD Solid State Drive OEM Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Sockets Layer OOB Out-of-Band SSO Single Sign-On ST Straight Tip OTP One-Time Password TACACS Terminal Access Controller Access Control System OTP One-Time Password TACACS Terminal Access Control System OU Organizational Units TCP Transmission Control Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PAT Port Address Translation TLS Transport Layer Security PCI Peripheral Component Interconnect UAC User Account Control PCI Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Intentification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identification Number USB Universal Serial Bus PNE Probote Execution Environment V2P Virtual to Physical PX Public Key Infrastructure UUID Universal Unique Identifier PNE Prebote Execution Environment V2P Virtual to Virtual PX Virtual Local Area Network Identification PNE Prebote Execution Environment V2P Virtual Local Area Network Identification PNE Prebote Execution Environment V2P Virtual Local Area Network Identification PNE Prebote Execution Environment VAM Virtual Local Area Network Identification PNE Pre | | | SCCM | |
| NetBIOS Network Basic Input Output System SCSI Small Computer System Interface NFS Network Interface Card SELINUX Secure Digital NIDS Network Intrusion Detection System SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology SFTP Secure File Transfer Protocol NLB Network Load Balancing SLA Service Level Agreement NOS Network Operating System SMTP Simple Mail Transfer Protocol NTFS New Technology File System SMMP Simple Network Management Protocol NTF New Technology File System SNMP Simple Network Management Protocol NTF New Technology File System SNMP Simple Network Management Protocol NTF New Technology File System SNMP Simple Network Management Protocol NTF New Technology File System SNMP Simple Network Management Protocol NTF New Technology File System SNMP Simple Sign-On OE Or Garial Equipment Manufacturer SSL Secure Shell OB Out-o | | 8 | | - |
| NFS Network File System SD Secure Digital NIC Network Interface Card SELinux Security Enhanced Linux NIDS Network Intrusion Detection System SFP Small Form Factor Pluggable NIST National Institute of Standards and Technology NLB Network Load Balancing NLB Network Coperating System SMTP Simple Mail Transfer Protocol NLB Network Operating System SMTP Simple Mail Transfer Protocol NTFS New Technology File System SMNP Simple Mail Transfer Protocol NTFP Network Time Protocol SQL Structured Query Language NMM Non-Volatile Memory expression SSD Solid State Drive OEM Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Sockets Layer OOB Out-of-Band SSO Single Sign-On OS Operating System ST Straight Tip OTP One-Time Password TACACS Terminal Access Controller Access Control System OU Organizational Units TCP Transmission Control Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PAT Port Address Translation TLS Transport Layer Security PCI Peripheral Component Interconnect UAC User Account Control PCIOSS Payment Card Industry Data Security Standard UPP User Datagram Protocol PCIOS Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personall Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script PSU Power Supply Unit V2V Virtual Local Area Network Identification PSFP Quad Small Form Factor Pluggable VAN Virtual Local Area Network Identification Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | | SCSI | |
| NIC Network Interface Card NIDS Network Intrusion Detection System NIST National Institute of Standards and Technology NIST National Institute of Standards and Technology NIB Network Load Balancing NOS Network Operating System NOS Network Operating System NOS Network Operating System NOS Network Time Protocol NTF New Technology File System NOS Network Time Protocol NTP Network Time Protocol NTP Network Time Protocol NOS Operating System NOS Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Sockets Layer OOB Out-of-Band SSO Single Sign-On OS Operating System ST Straight Tip OTP One-Time Password OU Organizational Units TCP Transmission Control Protocol P2P Peer to Peer P2P Peer to Peer P2P Peer to Peer P2P Per to Address Translation PCI Peripheral Component Interconnect PCI Peripheral Component Interconnect PCI Peripheral Component Interconnect Extended PDU Power Distribution Unit PIN Personally Identifiable Information PIN Personally Identifiable Information PKI Public Key Infrastructure UUID Universal/Uniform Resource Locator PSU Power Supply Unit PX Preboot Execution Environment VSB Visual Basic Script VSP Virtual to Physical PSU Power Supply Unit PX Preboot Execution Environment VSB Visual Basic Script VSP Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VMM Virtual Machine Virtual Machine Virtual Machine Virtual Machine Virtual Machine | | | | |
| NIDS Network Intrusion Detection System NIST National Institute of Standards and Technology NEB Network Load Balancing SLA Service Level Agreement NOS Network Operating System SMTP Simple Mail Transfer Protocol NTFS New Technology File System SMTP Simple Mail Transfer Protocol NTFS New Technology File System SMP Simple Mail Transfer Protocol NTFS New Technology File System SNMP Simple Network Management Protocol NTP Network Time Protocol SQL Structured Query Language NVMe Non-Volatile Memory expression SSD Solid State Drive OEM Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Sockets Layer OOB Out-of Band SSO Single Sign-On ST Straight Tip OTP One-Time Password TACACS Terminal Access Controller Access Control System OU Organizational Units TCP Transmission Control Protocol P2P Peer to Peer TCP/IP Transmission Control Protocol P2P Physical to Virtual TFTP Trivial File Transfer Protocol PAT Port Address Translation TLS Transport Layer Security PCI DSS Payment Card Industry Data Security Standard PCI Peripheral Component Interconnect Express PCI-X Peripheral Component Interconnect Express | | | SELinux | |
| NIST National Institute of Standards and Technology NLB Network Load Balancing NOS Network Operating System NTS New Technology File System NTFS New Technology File System NTF Network Time Protocol NTP Network Time Protocol NTP Network Time Protocol SQL Structured Query Language NOM Original Equipment Manufacturer SSD Solid State Drive OEM Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Shell Secure Shell Secure Shell OM Optical Multimode SSL Secure Shell Secure Shell Secure Shell Structured Query Language Shiple Network Management Protocol Specure Shell Structured Query Language Shiple Network Management Protocol Specure Shell Structured Query Language Shiple Network Management Protocol Specure Shell Structured Query Language Shiple Network Management Protocol Specure Shell Structured Query Language Shiple Network Management Protocol Specure Shell Structure Query Language Shiple Network Management Protocol Specure Shell Structure Query Language Shiple Network Management Protocol Specure Shell Structure Query Language Shiple Network Management Protocol Specure Shell Structure Query Language Shiple Network Management Protocol Specure Shell Structure Query Language Shiple Network Identification Network Language Shiple Network Identificati | | | | |
| NLB Network Load Balancing NOS Network Operating System NTFS New Technology File System NTF New Technology File System NTF Network Time Protocol NTF Non-Volatile Memory expression SSD Solid State Drive SSH Secure Shell OM Optical Multimode SSL Secure Schets Layer ODB Out-of-Band SSO Single Sign-On SSO Single Sign-On OS Operating System ST Straight Tip OTP One-Time Password TACACS Terminal Access Controller Access Control System TCP Transmission Control Protocol P2P Peer to Peer TCP/IP Transmission Control Protocol/Internet Protocol P2P Peer to Peer TCP/IP Transmission Control Protocol/Internet Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PCI Peripheral Component Interconnect UAC User Account Control PCI Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power On Self-Test V2P Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script VFM Virtual Local Area Network PADIUS Remote Authentication Dishir USE VLAN ID Virtual Local Area Network Identification PM Virtual Machine PM Virtual Machine | | | | |
| NOS Network Operating System SMTP Simple Mail Transfer Protocol NTFS New Technology File System SNMP Simple Network Management Protocol NTP Network Time Protocol SQL Structured Query Language NVMe Non-Volatile Memory expression SSD Solid State Drive OEM Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Sockets Layer OOB Out-of-Band SSO Single Sign-On OS Operating System ST Straight Tip OTP One-Time Password TACACS Terminal Access Controller Access Control System OU Organizational Units TCP Transmission Control Protocol P2P Peer to Peer TCP/IP Transmission Control Protocol/Internet Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PCI DSS Payment Card Industry Data Security Standard UDP User Datagram Protocol PCI Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UID Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UID Universal Unique Identifier PSU Power Supply Unit V2V Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Disin User Service VLAN ID Virtual Local Area Network Identification Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | | | Service Level Agreement |
| NTFS New Technology File System SNMP Simple Network Management Protocol NTP Network Time Protocol SQL Structured Query Language SQL Structured Query Language SQL NVMe Non-Volatile Memory expression SSD Solid State Drive SECULAR SE | | 9 | | _ |
| NTPNetwork Time ProtocolSQLStructured Query LanguageNVMeNon-Volatile Memory expressionSSDSolid State DriveOEMOriginal Equipment ManufacturerSSHSecure ShellOMOptical MultimodeSSLSecure Sockets LayerOOBOut-of-BandSSOSingle Sign-OnOSOperating SystemSTStraight TipOTPOne-Time PasswordTACACSTerminal Access Controller Access Control SystemOUOrganizational UnitsTCPTransmission Control Protocol/Internet ProtocolP2PPeer to PeerTCP/IPTransmission Control Protocol/Internet ProtocolP2VPhysical to VirtualTFTPTrivial File Transfer ProtocolPATPort Address TranslationTLSTransport Layer SecurityPCIPeripheral Component InterconnectUACUser Account ControlPCI DSSPayment Card Industry Data Security StandardUDPUser Datagram ProtocolPCIPeripheral Component Interconnect ExtendedUIDUnified Extensible Firmware InterfacePCI-XPeripheral Component Interconnect ExtendedUIDUnit IdentificationPDUPower Distribution UnitUPSUninterruptible Power SupplyPIIPersonal Identification NumberUSBUniversal/Uniform Resource LocatorPINPersonal Identification NumberUSBUniversal Unique IdentifierPOSTPower Supply UnitV2PVirtual to PhysicalPSUPower Supply UnitV2PVirtual to Virtual< | | · | | · |
| NVMeNon-Volatile Memory expressionSSDSolid State DriveOEMOriginal Equipment ManufacturerSSHSecure ShellOMOptical MultimodeSSLSecure Sockets LayerOOBOut-of-BandSSOSingle Sign-OnOSOperating SystemSTStraight TipOTPOne-Time PasswordTACACSTerminal Access Controller Access Control SystemOUOrganizational UnitsTCPTransmission Control ProtocolP2PPeer to PeerTCP/IPTransmission Control Protocol/Internet ProtocolP2VPhysical to VirtualTFTPTrivial File Transfer ProtocolPATPort Address TranslationTLSTransport Layer SecurityPCIPeripheral Component InterconnectUACUser Account ControlPCI DSSPayment Card Industry Data Security StandardUDPUser Datagram ProtocolPCIEPeripheral Component Interconnect ExpressUEFIUnified Extensible Firmware InterfacePCI-XPeripheral Component Interconnect ExtendedUIDUnit IdentificationPDUPower Distribution UnitUPSUninterruptible Power SupplyPIIPersonal Identification NumberUSBUniversal/Uniform Resource LocatorPINPersonal Identification NumberUSBUniversal Serial BusPKIPublic Key InfrastructureUUIDUniversal Unique IdentifierPOSTPower On Self-TestV2PVirtual to VirtualPXEPreboot Execution EnvironmentVBSVisual Basic Script | | | | |
| OEM Original Equipment Manufacturer SSH Secure Shell OM Optical Multimode SSL Secure Sockets Layer OOB Out-of-Band SSO Single Sign-On OS Operating System ST Straight Tip OTP One-Time Password TACACS Terminal Access Controller Access Control System OU Organizational Units TCP Transmission Control Protocol P2P Peer to Peer TCP/IP Transmission Control Protocol/Internet Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PAT Port Address Translation TLS Transport Layer Security PCI Peripheral Component Interconnect UAC User Account Control PCI PSS Payment Card Industry Data Security Standard UDP User Datagram Protocol PCI-X Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VALN ID Virtual Local Area Network Identification Inexpensive/Integrated Disks/Drives VMM Virtual Machine | | | | |
| OM Optical Multimode SSL Secure Sockets Layer OOB Out-of-Band SSO Single Sign-On OS Operating System ST Straight Tip OTP One-Time Password TACACS Terminal Access Controller Access Control System OU Organizational Units TCP Transmission Control Protocol P2P Peer to Peer TCP/IP Transmission Control Protocol/Internet Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PAT Port Address Translation TLS Transport Layer Security PCI Peripheral Component Interconnect UAC User Account Control PCI DSS Payment Card Industry Data Security Standard UDP User Datagram Protocol PCIe Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine | | | | Secure Shell |
| OOBOut-of-BandSSOSingle Sign-OnOSOperating SystemSTStraight TipOTPOne-Time PasswordTACACSTerminal Access Controller Access Control SystemOUOrganizational UnitsTCPTransmission Control ProtocolP2PPeer to PeerTCP/IPTransmission Control Protocol/Internet ProtocolP2VPhysical to VirtualTFTPTrivial File Transfer ProtocolPATPort Address TranslationTLSTransport Layer SecurityPCIPeripheral Component InterconnectUACUser Account ControlPCI DSSPayment Card Industry Data Security StandardUDPUser Datagram ProtocolPCIePeripheral Component Interconnect ExpressUEFIUnified Extensible Firmware InterfacePCI-XPeripheral Component Interconnect ExtendedUIDUnit IdentificationPDUPower Distribution UnitUPSUninterruptible Power SupplyPIIPersonally Identifiable InformationURLUniversal/Uniform Resource LocatorPINPersonal Identification NumberUSBUniversal Serial BusPKIPublic Key InfrastructureUUIDUniversal Unique IdentifierPOSTPower on Self-TestV2PVirtual to PhysicalPSUPower Supply UnitV2VVirtual to PhysicalPXEPreboot Execution EnvironmentVBSVisual Basic ScriptQSFPQuad Small Form Factor PluggableVLANVirtual Local Area Network IdentificationRAIDRedundant Array ofVM< | | | | Secure Sockets Layer |
| OS Operating System ST Straight Tip OTP One-Time Password TACACS Terminal Access Controller Access Control System OU Organizational Units TCP Transmission Control Protocol P2P Peer to Peer TCP/IP Transmission Control Protocol/Internet Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PAT Port Address Translation TLS Transport Layer Security PCI Peripheral Component Interconnect UAC User Account Control PCI DSS Payment Card Industry Data Security Standard UDP User Datagram Protocol PCIE Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Physical PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of Inexpensive/Integrated Disks/Drives VMM Virtual Machine | | · | SSO | _ |
| OTP One-Time Password TACACS Terminal Access Controller Access Control System OU Organizational Units TCP Transmission Control Protocol P2P Peer to Peer TCP/IP Transmission Control Protocol/Internet Protocol P2V Physical to Virtual TFTP Trivial File Transfer Protocol PAT Port Address Translation TLS Transport Layer Security PCI Peripheral Component Interconnect UAC User Account Control PCI DSS Payment Card Industry Data Security Standard UDP User Datagram Protocol PCI PCI-X Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personal Identification Number USB Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Physical PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | | | |
| OUOrganizational UnitsTCPTransmission Control ProtocolP2PPeer to PeerTCP/IPTransmission Control Protocol/Internet ProtocolP2VPhysical to VirtualTFTPTrivial File Transfer ProtocolPATPort Address TranslationTLSTransport Layer SecurityPCIPeripheral Component InterconnectUACUser Account ControlPCI DSSPayment Card Industry Data Security StandardUDPUser Datagram ProtocolPCIePeripheral Component Interconnect ExpressUEFIUnified Extensible Firmware InterfacePCI-XPeripheral Component Interconnect ExtendedUIDUnit IdentificationPDUPower Distribution UnitUPSUninterruptible Power SupplyPIIPersonally Identifiable InformationURLUniversal/Uniform Resource LocatorPINPersonal Identification NumberUSBUniversal Unique IdentifierPKIPublic Key InfrastructureUUIDUniversal Unique IdentifierPOSTPower on Self-TestV2PVirtual to PhysicalPSUPower Supply UnitV2VVirtual to PhysicalPXEPreboot Execution EnvironmentVBSVisual Basic ScriptQSFPQuad Small Form Factor PluggableVLANVirtual Local Area NetworkRAIDRedundant Array of Inexpensive/Integrated Disks/DrivesVMMVirtual Machine | | | TACACS | |
| P2PPeer to PeerTCP/IPTransmission Control Protocol/Internet ProtocolP2VPhysical to VirtualTFTPTrivial File Transfer ProtocolPATPort Address TranslationTLSTransport Layer SecurityPCIPeripheral Component InterconnectUACUser Account ControlPCI DSSPayment Card Industry Data Security StandardUDPUser Datagram ProtocolPCIePeripheral Component Interconnect ExpressUEFIUnified Extensible Firmware InterfacePCI-XPeripheral Component Interconnect ExtendedUIDUnit IdentificationPDUPower Distribution UnitUPSUninterruptible Power SupplyPIIPersonally Identificable InformationURLUniversal/Uniform Resource LocatorPINPersonal Identification NumberUSBUniversal Serial BusPKIPublic Key InfrastructureUUIDUniversal Unique IdentifierPOSTPower on Self-TestV2PVirtual to PhysicalPSUPower Supply UnitV2VVirtual to VirtualPXEPreboot Execution EnvironmentVBSVisual Basic ScriptQSFPQuad Small Form Factor PluggableVLANVirtual Local Area NetworkRADIUSRemote Authentication Dial-in User ServiceVLAN IDVirtual Local Area Network IdentificationRAIDRedundant Array of Inexpensive/Integrated Disks/DrivesVMMVirtual Machine | | | TCP | _ |
| P2VPhysical to VirtualTFTPTrivial File Transfer ProtocolPATPort Address TranslationTLSTransport Layer SecurityPCIPeripheral Component InterconnectUACUser Account ControlPCI DSSPayment Card Industry Data Security StandardUDPUser Datagram ProtocolPCIePeripheral Component Interconnect ExpressUEFIUnified Extensible Firmware InterfacePCI-XPeripheral Component Interconnect ExtendedUIDUnit IdentificationPDUPower Distribution UnitUPSUninterruptible Power SupplyPIIPersonally Identification NumberUSBUniversal/Uniform Resource LocatorPINPersonal Identification NumberUSBUniversal Serial BusPKIPublic Key InfrastructureUUIDUniversal Unique IdentifierPOSTPower on Self-TestV2PVirtual to PhysicalPSUPower Supply UnitV2VVirtual to VirtualPXEPreboot Execution EnvironmentVBSVisual Basic ScriptQSFPQuad Small Form Factor PluggableVLANVirtual Local Area NetworkRADIUSRemote Authentication Dial-in User ServiceVLAN IDVirtual Local Area Network IdentificationRAIDRedundant Array ofVMVirtual MachineInexpensive/Integrated Disks/DrivesVMMVirtual Machine | | | TCP/IP | Transmission Control Protocol/Internet Protocol |
| PAT Port Address Translation TLS Transport Layer Security PCI Peripheral Component Interconnect UAC User Account Control PCI DSS Payment Card Industry Data Security Standard UDP User Datagram Protocol PCIe Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Physical PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | | | Trivial File Transfer Protocol |
| PCIPeripheral Component InterconnectUACUser Account ControlPCI DSSPayment Card Industry Data Security StandardUDPUser Datagram ProtocolPCIePeripheral Component Interconnect ExpressUEFIUnified Extensible Firmware InterfacePCI-XPeripheral Component Interconnect ExtendedUIDUnit IdentificationPDUPower Distribution UnitUPSUninterruptible Power SupplyPIIPersonally Identifiable InformationURLUniversal/Uniform Resource LocatorPINPersonal Identification NumberUSBUniversal Serial BusPKIPublic Key InfrastructureUUIDUniversal Unique IdentifierPOSTPower on Self-TestV2PVirtual to PhysicalPSUPower Supply UnitV2VVirtual to VirtualPXEPreboot Execution EnvironmentVBSVisual Basic ScriptQSFPQuad Small Form Factor PluggableVLANVirtual Local Area NetworkRADIUSRemote Authentication Dial-in User ServiceVLAN IDVirtual Local Area Network IdentificationRAIDRedundant Array of Inexpensive/Integrated Disks/DrivesVMMVirtual Machine | | | TLS | |
| PCI DSS Payment Card Industry Data Security Standard UDP User Datagram Protocol PCIe Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | PCI | | UAC | User Account Control |
| PCIE Peripheral Component Interconnect Express UEFI Unified Extensible Firmware Interface PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | PCI DSS | | UDP | User Datagram Protocol |
| PCI-X Peripheral Component Interconnect Extended UID Unit Identification PDU Power Distribution Unit UPS Uninterruptible Power Supply PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Machine RAID Redundant Array of VM Virtual Machine Manager | PCIe | | UEFI | Unified Extensible Firmware Interface |
| PDU Power Distribution Unit PII Personally Identifiable Information PIN Personal Identification Number PKI Public Key Infrastructure POST Power on Self-Test PSU Power Supply Unit PXE Preboot Execution Environment QSFP Quad Small Form Factor Pluggable RADIUS Remote Authentication Dial-in User Service RAID Redundant Array of Inexpensive/Integrated Disks/Drives UNID Universal Unique Identifier UUID Universal Unique Identifier V2P Virtual to Physical V2P Virtual to Virtual V2V Virtual to Virtual Virtual Accile Area Network VIAN Virtual Local Area Network VIAN Virtual Machine VM Virtual Machine VM Virtual Machine Manager | | | UID | Unit Identification |
| PII Personally Identifiable Information URL Universal/Uniform Resource Locator PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | PDU | | UPS | Uninterruptible Power Supply |
| PIN Personal Identification Number USB Universal Serial Bus PKI Public Key Infrastructure UUID Universal Unique Identifier POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | Personally Identifiable Information | URL | Universal/Uniform Resource Locator |
| POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | _ | USB | Universal Serial Bus |
| POST Power on Self-Test V2P Virtual to Physical PSU Power Supply Unit V2V Virtual to Virtual PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | PKI | Public Key Infrastructure | UUID | Universal Unique Identifier |
| PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | POST | _ | V2P | Virtual to Physical |
| PXE Preboot Execution Environment VBS Visual Basic Script QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | PSU | Power Supply Unit | V2V | Virtual to Virtual |
| QSFP Quad Small Form Factor Pluggable VLAN Virtual Local Area Network RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | | VBS | Visual Basic Script |
| RADIUS Remote Authentication Dial-in User Service VLAN ID Virtual Local Area Network Identification RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | | VLAN | Virtual Local Area Network |
| RAID Redundant Array of VM Virtual Machine Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | - | VLAN ID | Virtual Local Area Network Identification |
| Inexpensive/Integrated Disks/Drives VMM Virtual Machine Manager | | | VM | Virtual Machine |
| | | | VMM | Virtual Machine Manager |
| | RAM | · · · · · · · · · · · · · · · · · · · | VMFS | VMWare File System |



ACRONYM SPELLED OUT

VNC Virtual Network Computing vNIC Virtual Network Interface Card

VoIP Voice over IP

VPN Virtual Private Network
VSS Volume Shadow Copy Service
VT Virtualization Technology
WDS Windows Deployment Services
WINS Windows Internet Naming Service
WMI Windows Management Instrumentation

WOL Wake on LAN

WSUS Windows Software Update Services

WWNN World Wide Node Name WWPN World Wide Port Name

XD Execute Disable ZFS Z File System



Server+ Proposed Hardware and Software List

CompTIA has included this sample list of hardware and software to assist candidates as they prepare for the Server+ exam. This list may also be helpful for training companies that wish to create a lab component for their training offering. The bulleted lists below each topic are samples and are not exhaustive.

HARDWARE

- Computer capable of virtualization
- Cables
- · USB flash drive
- KVM*
- · Rack*
- · UPS*
- Switch*
- · Storage device*
- *Ideal, but not necessary for lab setup

SOFTWARE

- Server operating system
- Virtualization software
- · Antivirus/anti-malware

