

# CASP Acronyms

The following is a list of acronyms that appear on the CASP 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.

<b>ACRONYM</b>	<b>SPELLED OUT</b>	<b>ACRONYM</b>	<b>SPELLED OUT</b>
3DES	Triple Digital Encryption Standard	CIFS	Common Internet File System
AAA	Authentication, Authorization and Accounting	CIRT	Computer Incident Response Team
AAR	After Action Report	CISO	Chief Information Security Officer
ACL	Access Control List	CLI	Command Line Interface
AD	Active Directory	CMDB	Configuration Management Database
AES	Advanced Encryption Standard	CMS	Content Management System
AH	Authentication Header	COOP	Continuity Of Operations
AIDE	Advanced Intrusion Detection Environment	CORS	Cross-Origin Resource Sharing
AJAX	Asynchronous JAVA And XML	COTS	Commercial Off-The-Shelf
ALE	Annualized Loss Expectancy	CRC	Cyclical Redundancy Check
AP	Access Point	CredSSP	Credential Security Support Provider
API	Application Programming Interface	CRL	Certification Revocation List
APT	Advanced Persistent Threats	CRM	Customer Resource Management
ARO	Annualized Rate of Occurrence	CSP	Cryptographic Service Provider
ARP	Address Resolution Protocol	CSRF	Cross-Site Request Forgery
AUP	Acceptable Use Policy	CVE	Collaborative Virtual Environment
AV	Antivirus	DAC	Discretionary Access Control
BCP	Business Continuity Planning	DAM	Database Activity Monitoring
BGP	Border Gateway Protocol	DDoS	Distributed Denial of Service
BIA	Business Impact Analysis	DEP	Data Execution Prevention
BIOS	Basic Input/Output System	DES	Digital Encryption Standard
BPA	Business Partnership Agreement	DHCP	Dynamic Host Configuration Protocol
BPM	Business Process Management	DLL	Dynamic Link Library
CA	Certificate Authority	DLP	Data Loss Prevention
CaaS	Communication as a Service	DMZ	Demilitarized Zone
CAC	Common Access Card	DNS	Domain Name Service (Server)
CAPTCHA	Completely Automated Public Turning test to tell Computers and Humans Apart	DOM	Document Object Model
CASB	Cloud Access Security Broker	DoS	Denial of Service
CBC	Cipher Block Chaining	DR	Disaster Recovery
CCMP	Counter-mode/CBC-Mac Protocol	DRP	Disaster Recovery Plan
CCTV	Closed-Circuit Television	DSA	Digital Signature Algorithm
CERT	Computer Emergency Response Team	EAP	Extensible Authentication Protocol
CFB	Cipher Feedback	ECB	Event Control Block
CHAP	Challenge Handshake Authentication Protocol	ECC	Elliptic Curve Cryptography
CIA	Confidentiality, Integrity and Availability	EFS	Encrypted File System
		ELA	Enterprise License Agreement

ACRONYM	SPELLED OUT
EMI	Electromagnetic Interference
EOL	End of Life
ESA	Enterprise Security Architecture
ESB	Enterprise Service Bus
ESP	Encapsulated Security Payload
EV	Extended Validation (Certificate)
FCoE	Fiber Channel over Ethernet
FDE	Full Disk Encryption
FIM	File Integrity Monitoring
FIPS	Federal Information Processing Standard
FTP	File Transfer Protocol
GPG	GNU Privacy Guard
GPU	Graphic Processing Unit
GRC	Governance, Risk and Compliance
GRE	Generic Routing Encapsulation
GUI	Graphical User Interface
HBA	Host Bus Adapter
HDD	Hard Disk Drive
HIDS	Host-based Intrusion Detection System
HIPS	Host-based Intrusion Prevention System
HMAC	Hashed Message Authentication Code
HOTP	HMAC-based One-Time Password
HSM	Hardware Security Module
HSTS	HTTP Strict Transport Security
HVAC	Heating, Ventilation and Air Conditioning
IaaS	Infrastructure as a Service
ICMP	Internet Control Message Protocol
ICS	Industrial Control System
IDF	Intermediate Distribution Frame
IdM	Identity Management
IdP	Identity Provider
IDS	Intrusion Detection System
IETF	Internet Engineering Task Force
IKE	Internet Key Exchange
IM	Instant Messaging
IMAP	Internet Message Access Protocol
INE	Inline Network Encryptor
IOC	Input/Output Controller
IoT	Internet of Things
IP	Internet Protocol
IPS	Intrusion Prevention Systems
IPSec	Internet Protocol Security
IR	Incident Response
IRC	Internet Relay Chat
IS-IS	Intermediate System to Intermediate System
ISA	Interconnection Security Agreement

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ISAC	Information Sharing Analysis Center
iSCSI	Internet Small Computer System Interface
ISMS	Information Security Management System
ISP	Internet Service Provider
IV	Initialization Vector
JSON	JavaScript Object Notation
JWT	JSON Web Token
KDC	Key Distribution Center
KVM	Keyboard, Video, Mouse
LAN	Local Area Network
L2TP	Layer 2 Tunneling Protocol
LDAP	Lightweight Directory Access Protocol
LEAP	Lightweight Extensible Authentication Protocol
LOB	Line Of Business
LTE	Long-Term Evolution
LUN	Logical Unit Number
MaaS	Monitoring as a Service
MAC	Mandatory Access Control
MAC	Media Access Control or Message Authentication Code
MAN	Metropolitan Area Network
MBR	Master Boot Record
MD5	Message Digest 5
MDF	Main Distribution Frame
MDM	Mobile Device Management
MEAP	Mobile Enterprise Application Platform
MFD	Multifunction Device
MITM	Man In The Middle
MOA	Memorandum Of Agreement
MOU	Memorandum Of Understanding
MPLS	Multiprotocol Label Switching
MSCHAP	Microsoft Challenge Handshake Authentication Protocol
MSS	Managed Security Service
MTA	Message Transfer Agent
MTBF	Mean Time Between Failure
MTD	Maximum Tolerable Downtime
MTTR	Mean Time To Recovery
MTU	Maximum Transmission Unit
NAC	Network Access Control
NAS	Network Attached Storage
NAT	Network Address Translation
NDA	Non-Disclosure Agreement
NFS	Network File System
NIDS	Network-based Intrusion Detection System
NIPS	Network-based Intrusion Prevention System

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NIST	National Institute of Standards and Technology	RDC	Remote Desktop Connection
NLA	Network Level Authentication	REST	Representational State Transfer
NOS	Network Operating System	RFC	Request For Comments
NSP	Network Service Provider	RFI	Request For Information
NTFS	New Technology File System	RFP	Request For Proposal
NTLM	New Technology LANMAN	RFQ	Request For Quote
NTP	Network Time Protocol	ROE	Rules of Engagement
OCSP	Online Certificate Status Protocol	ROI	Return On Investment
OFB	Output Feedback	RPO	Recovery Point Objective
OLA	Operating Level Agreement	RSA	Rivest, Shamir and Adleman
OS	Operating System	RTO	Recovery Time Objective
OSI	Open Systems Interconnection	RTP	Real-time Transport Protocol
OSPF	Open Shortest Path First	S/MIME	Secure/Multipurpose Internet Mail Extensions
OTP	One-Time Password	SaaS	Software as a Service
OVAL	Open Vulnerability Assessment Language	SAML	Security Assertions Markup Language
OWASP	Open Web Application Security Project	SAN	Subject Alternative Name or Storage Area Network
P2P	Peer to Peer	SAS	Statement on Auditing Standards
PaaS	Platform as a Service	SATCOM	Satellite Communications
PACS	Physical Access Control Server	SCADA	Supervisory Control And Data Acquisition
PAP	Password Authentication Protocol	SCAP	Security Content Automation Protocol
PAT	Port Address Translation	SCEP	Simple Certificate Enrollment Protocol
PBKDF2	Password-Based Key Derivation Function 2	SCP	Secure Copy
PBX	Private Branch Exchange	SCSI	Small Computer System Interface
PCI-DSS	Payment Card Industry Data Security Standard	SDL	Security Development Life Cycle
PDP	Policy Distribution Point	SDLC	Software Development Life Cycle
PEAP	Protected Extensible Authentication Protocol	SDLM	Software Development Life Cycle Methodology
PEP	Policy Enforcement Point	SELinux	Security Enhanced Linux
PFS	Perfect Forward Secrecy	SFTP	Secure File Transfer Protocol
PGP	Pretty Good Privacy	SHA	Secure Hashing Algorithm
PII	Personal Identifiable Information	SIEM	Security Information Event Management
PIP	Policy Information Point	SIM	Subscriber Identity Module
PKI	Public Key Infrastructure	SIP	Session Initiation Protocol
PLC	Programmable Logical Controller	SLA	Service Level Agreement
POTS	Plain Old Telephone Service	SLE	Single Loss Expectancy
PPP	Point-to-Point Protocol	SMB	Server Message Block
PPTP	Point-to-Point Tunneling Protocol	SMS	Short Message Service
PSK	Pre-Shared Key	SMTP	Simple Mail Transfer Protocol
QA	Quality Assurance	SNAT	Secure Network Address Translation
QoS	Quality of Service	SNMP	Simple Network Management Protocol
R&D	Research and Development	SOA	Service Oriented Architecture or Start Of Authority
RA	Recovery Agent or Registration Authority	SOAP	Simple Object Access Protocol
RAD	Rapid Application Development	SOC	Security Operations Center or Service Organization Controls
RADIUS	Remote Authentication Dial-In User Server	SOE	Standard Operating Environment
RAID	Redundant Array of Inexpensive/Independent Disks	SOP	Same Origin Policy
RAS	Remote Access Server	SOW	Statement Of Work
RBAC	Role-Based Access Control or Rule-Based Access Control	SOX	Sarbanes-Oxley Act

<b>ACRONYM</b>	<b>SPELLED OUT</b>
SP	Service Provider
SPIM	Spam Over Internet Messaging
SPIT	Spam over Internet Telephony
SPML	Service Provisioning Markup Language
SRTM	Security Requirements Traceability Matrix
SRTP	Secure Real-Time Protocol
SSD	Solid State Drive
SSDLC	Security System Development Life Cycle
SSH	Secure Shell
SSID	Service Set Identifier
SSL	Secure Sockets Layer
SSO	Single Sign-On
SSP	Storage Service Provider
TACACS	Terminal Access Controller Access Control System
TCO	Total Cost of Ownership
TCP/IP	Transmission Control Protocol/Internet Protocol
TKIP	Temporal Key Integrity Protocol
TLS	Transport Layer Security
TOS	Type Of Service
TOTP	Time-based One-Time Password
TPM	Trusted Platform Module
TSIG	Transaction Signature Interoperability Group
TTR	Time To Restore
UAC	User Access Control
UAT	User Acceptance Testing
UDDI	Universal Description Discovery and Integration
UDP	User Datagram Protocol
UEFI	Unified Extensible Firmware Interface
UPN	User Principal Name
UPS	Uninterruptable Power Supply
URL	Universal Resource Locator
USB	Universal Serial Bus

<b>ACRONYM</b>	<b>SPELLED OUT</b>
UTM	Unified Threat Management
VaaS	Voice as a Service
VDI	Virtual Desktop Infrastructure
VLAN	Virtual Local Area Network
VM	Virtual Machine
VMFS	Virtual Memory File System
VNC	Virtual Network Connection
VoIP	Voice over IP
VPN	Virtual Private Network
VRRP	Virtual Router Redundancy Protocol
vSAN	Virtual Storage Area Network
VTC	Video Conferencing
VTPM	Virtual TPM
WAF	Web Application Firewall
WAP	Wireless Access Point
WAYF	Where Are You From
WEP	Wired Equivalent Privacy
WIDS	Wireless Intrusion Detection System
WIPS	Wireless Intrusion Prevention System
WPA	Wireless Protected Access
WRT	Work Recovery Time
WSDL	Web Services Description Language
WWN	World Wide Name
XACML	eXtensible Access Control Markup Language
XHR	XMLHttpRequest
XMPP	eXtensible Messaging and Presence
XSS	Cross-Site Scripting