

Feature	HTTP	HTTPS
Full Form	Hypertext Transfer Protocol	Hypertext Transfer Protocol Secure
Protocol	Unsecured	Secured
Data Encryption	No encryption	Encryption using SSL/TLS
Port	80	443
URL	Begins with “http://”	Begins with “https://”
Data Integrity	No assurance	Ensures data integrity using digital certificates
Authentication	No authentication	Provides authentication of the website’s identity
Security	Vulnerable to eavesdropping	Protects against eavesdropping and man-in-the-middle attacks
Information Privacy	Potentially less secure	Offers a higher level of privacy and confidentiality
SEO Ranking	No direct impact	Can have a positive impact on search engine rankings
Trust Indicator	No visual indicator	Displays a padlock and/or green address bar to indicate security

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