cnMatrix HTTPS Parameters and Commands

Commands	Description	CLI Mode
`ip http secure { server	ciphersuite [rsa-null-md5] [rsa-null-sha] [rsa-des-sha] [rsa-3des-sha] [dh-rsa-des-sha][dh-rsa-3des-sha][rsa-exp1024-des-sha] [rsa-with-aes-128-cbc-sha] [rsa-with-aes-256-cbc-sha] [dhe-rsa-with-aes-128-cbc-sha] [dhe-rsa-with-aes-256-cbc-sha]	crypto key rsa [usage-keys (512|1024)]}` Available options: • `server` - Configures the server status to be enabled.  • `ciphersuite` - Configures the ciphersuite for providing the input.  • `crypto` - Configures the usage key (512 or 1024).	Enables SSL server on the device and also configures ciphersuites and crypto keys.	Global Configuration
`ssl gen cert-req algo rsa sn <SubjectName>`	Creates a request to generate a certificate to the certificate authority.	Privileged EXEC
`ssl server-cert`	Configures the server-certificate input in PEM format.	Privileged EXEC
`debug ssl ([all] [shut] [mgmt] [data] [ctrl] [dump] [resource] [buffer])` Available options: • `all` - Generates debug statements for all traces. • `shut` - Generates debug statements for shutdown traces. • `mgmt` - Generates debug statements for management plane functionality traces. • `data` - Generates debug statements for datapath. • `ctrl` - Generates debug statements for Control Plane functionality traces. • `dump` - Generates debug statements for packets handling traces. • `resource` - Generates debug statements for Traces with respect to allocation and freeing of all resource except the buffers. • `buffer` - Generates debug statements for traces with respect	Configures the debug trace messages levels for SSL.	Privileged EXEC

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to allocation and freeing of buffer.		
show ssl server-cert	Displays SSL server certificate information such as Certificate, Data, version, serial number, Signature algorithm.	Privileged EXEC
show ip http secure server status	Displays SSL status and configuration information.	Privileged EXEC
version {all | ssl3 | tls1} Available options: • all - Allows configuration to both SSL3 and TLS1 SSL protocols. • ssl3 - Configures SSL version 3 protocol. • tls1 - Configures Transport Layer Security version 1 protocol.	Configures the SSL version.	Global Configuration
secure { crypto key rsa [usage-keys (512|1024)]}	Sets RSA key length for the secure crypto operations.	Global Configuration