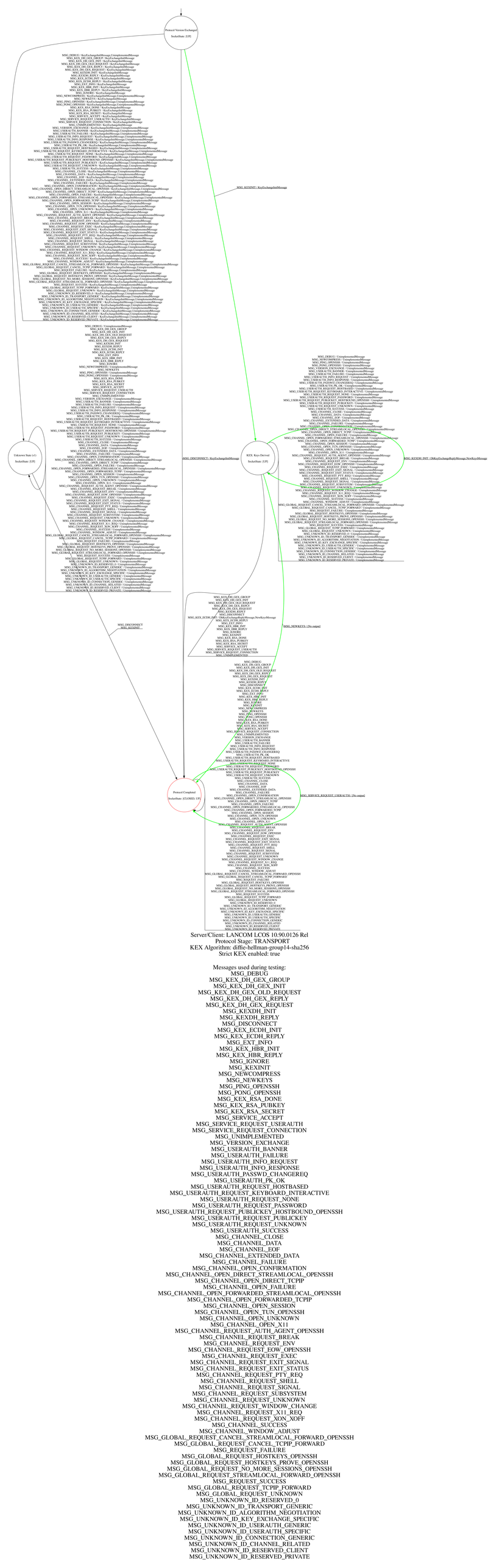
Protocol Version Exchange
SocketState: [UP]
MSG_DEBUG / KeyExchangeInitMessage / UnimplementedMessage
MSG_KEX_DH_GEX_GROUP / KeyExchangeInitMessage
MSG_KEX_DH_GEX_INIT / KeyExchangeInitMessage
MSG_KEX_DH_GEX_OLD_REQUEST / KeyExchangeInitMessage
MSG_KEX_DH_GEX_REPLY / KeyExchangeInitMessage
MSG_KEX_DH_GEX_REQUEST / KeyExchangeInitMessage
MSG_KEXDH_INIT / KeyExchangeInitMessage
MSG_KEXDH_REPLY / KeyExchangeInitMessage
MSG_KEX_ECDH_INIT / KeyExchangeInitMessage
MSG_KEX_ECDH_REPLY / KeyExchangeInitMessage
MSG_EXT_INFO / KeyExchangeInitMessage
MSG_KEX_HBR_INIT / KeyExchangeInitMessage
MSG_KEX_HBR_REPLY / KeyExchangeInitMessage
MSG_IGNORE / KeyExchangeInitMessage
MSG_NEWCOMPRESS / KeyExchangeInitMessage / UnimplementedMessage
MSG_PING / KeyExchangeInitMessage / UnimplementedMessage
MSG_PING_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_PONG_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_PONG / KeyExchangeInitMessage / UnimplementedMessage
MSG_KEX_RSA_PUBKEY / KeyExchangeInitMessage
MSG_KEX_RSA_SECRET / KeyExchangeInitMessage
MSG_SERVICE_ACCEPT / KeyExchangeInitMessage
MSG_SERVICE_REQUEST_USERAUTH / KeyExchangeInitMessage
MSG_SERVICE_REQUEST_CONNECTION / KeyExchangeInitMessage
MSG_UNIMPLEMENTED / KeyExchangeInitMessage
MSG_VERSION_EXCHANGE / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_BANNER / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_FAILURE / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_INFO_REQUEST / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_INFO_RESPONSE / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_PASSWD_CHANGEREQ / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_PK_OK / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_REQUEST_HOSTBASED / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_REQUEST_KEYBOARD_INTERACTIVE / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_REQUEST_NONE / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_REQUEST_PASSWORD / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_REQUEST_PUBLICKEY_HOSTBOUND_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_REQUEST_PUBLICKEY / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_REQUEST_UNKNOWN / KeyExchangeInitMessage / UnimplementedMessage
MSG_USERAUTH_SUCCESS / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_CLOSE / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_DATA / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_EOF / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_EXTENDED_DATA / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_FAILURE / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_CONFIRMATION / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_DIRECT_STREAMLOCAL_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_DIRECT_TCPIP / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_FAILURE / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_FORWARDED_STREAMLOCAL_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_FORWARDED_TCPIP / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_SESSION / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_TUN_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_UNKNOWN / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_OPEN_X11 / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_AUTH_AGENT_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_BREAK / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_ENV / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_EOW_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_EXEC / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_EXIT_SIGNAL / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_EXIT_STATUS / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_PTY_REQ / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_SHELL / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_SIGNAL / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_SUBSYSTEM / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_UNKNOWN / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_WINDOW_CHANGE / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_X11_REQ / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_REQUEST_XON_XOFF / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_SUCCESS / KeyExchangeInitMessage / UnimplementedMessage
MSG_CHANNEL_WINDOW_ADJUST / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_CANCEL_STREAMLOCAL_FORWARD_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_CANCEL_TCPIP_FORWARD / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_FAILURE / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_HOSTKEYS_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_HOSTKEYS_PROVE_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_NO_MORE_SESSIONS_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_STREAMLOCAL_FORWARD_OPENSSH / KeyExchangeInitMessage / UnimplementedMessage
MSG_REQUEST_FAILURE / KeyExchangeInitMessage / UnimplementedMessage
MSG_REQUEST_SUCCESS / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_TCPIP_FORWARD / KeyExchangeInitMessage / UnimplementedMessage
MSG_GLOBAL_REQUEST_UNKNOWN / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_RESERVED_0 / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_TRANSPORT_GENERIC / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_ALGORITHM_NEGOTIATION / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_KEY_EXCHANGE_SPECIFIC / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_USERAUTH_GENERIC / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_USERAUTH_SPECIFIC / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_CONNECTION_GENERIC / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_CHANNEL_RELATED / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_RESERVED_CLIENT / KeyExchangeInitMessage / UnimplementedMessage
MSG_UNKNOWN_ID_RESERVED_PRIVATE / KeyExchangeInitMessage / UnimplementedMessage
MSG_KEXINIT / KeyExchangeInitMessage
Unknown State (x1)
SocketState: [UP]
KEX: Keys Derived
SocketState: [UP]
MSG_DISCONNECT / KeyExchangeInitMessage
MSG_KEXDH_INIT / DhKeyExchangeInitMessage,NewKeysMessage
MSG_NEWKEYS / [No output]
MSG_DISCONNECT
MSG_KEXDH_...
Protocol Completed
SocketState: [CLOSED, UP]
MSG_SERVICE_REQUEST_USERAUTH / [No output]
Server/Client: LANCOM LCOS 10.90.0126 Rel
Protocol Stage: TRANSPORT
KEX Algorithm: diffie-hellman-group14-sha256
Strict KEX enabled: true
Messages used during testing:
MSG_DEBUG
MSG_KEX_DH_GEX_GROUP
MSG_KEX_DH_GEX_INIT
MSG_KEX_DH_GEX_OLD_REQUEST
MSG_KEX_DH_GEX_REPLY
MSG_KEX_DH_GEX_REQUEST
MSG_KEXDH_INIT
MSG_KEXDH_REPLY
MSG_DISCONNECT
MSG_KEX_ECDH_INIT
MSG_KEX_ECDH_REPLY
MSG_EXT_INFO
MSG_KEX_HBR_INIT
MSG_KEX_HBR_REPLY
MSG_IGNORE
MSG_KEXINIT
MSG_NEWCOMPRESS
MSG_NEWKEYS
MSG_PING
MSG_PING_OPENSSH
MSG_PONG
MSG_PONG_OPENSSH
MSG_KEX_RSA_DONE
MSG_KEX_RSA_PUBKEY
MSG_KEX_RSA_SECRET
MSG_SERVICE_ACCEPT
MSG_SERVICE_REQUEST_USERAUTH
MSG_SERVICE_REQUEST_CONNECTION
MSG_UNIMPLEMENTED
MSG_VERSION_EXCHANGE
MSG_USERAUTH_BANNER
MSG_USERAUTH_FAILURE
MSG_USERAUTH_INFO_REQUEST
MSG_USERAUTH_INFO_RESPONSE
MSG_USERAUTH_PASSWD_CHANGEREQ
MSG_USERAUTH_PK_OK
MSG_USERAUTH_REQUEST_HOSTBASED
MSG_USERAUTH_REQUEST_KEYBOARD_INTERACTIVE
MSG_USERAUTH_REQUEST_NONE
MSG_USERAUTH_REQUEST_PASSWORD
MSG_USERAUTH_REQUEST_PUBLICKEY_HOSTBOUND_OPENSSH
MSG_USERAUTH_REQUEST_PUBLICKEY
MSG_USERAUTH_REQUEST_UNKNOWN
MSG_USERAUTH_SUCCESS
MSG_CHANNEL_CLOSE
MSG_CHANNEL_DATA
MSG_CHANNEL_EOF
MSG_CHANNEL_EXTENDED_DATA
MSG_CHANNEL_FAILURE
MSG_CHANNEL_OPEN_CONFIRMATION
MSG_CHANNEL_OPEN_DIRECT_STREAMLOCAL_OPENSSH
MSG_CHANNEL_OPEN_DIRECT_TCPIP
MSG_CHANNEL_OPEN_FAILURE
MSG_CHANNEL_OPEN_FORWARDED_STREAMLOCAL_OPENSSH
MSG_CHANNEL_OPEN_FORWARDED_TCPIP
MSG_CHANNEL_OPEN_SESSION
MSG_CHANNEL_OPEN_TUN_OPENSSH
MSG_CHANNEL_OPEN_UNKNOWN
MSG_CHANNEL_OPEN_X11
MSG_CHANNEL_REQUEST_AUTH_AGENT_OPENSSH
MSG_CHANNEL_REQUEST_BREAK
MSG_CHANNEL_REQUEST_ENV
MSG_CHANNEL_REQUEST_EOW_OPENSSH
MSG_CHANNEL_REQUEST_EXEC
MSG_CHANNEL_REQUEST_EXIT_SIGNAL
MSG_CHANNEL_REQUEST_EXIT_STATUS
MSG_CHANNEL_REQUEST_PTY_REQ
MSG_CHANNEL_REQUEST_SHELL
MSG_CHANNEL_REQUEST_SIGNAL
MSG_CHANNEL_REQUEST_SUBSYSTEM
MSG_CHANNEL_REQUEST_UNKNOWN
MSG_CHANNEL_REQUEST_WINDOW_CHANGE
MSG_CHANNEL_REQUEST_X11_REQ
MSG_CHANNEL_REQUEST_XON_XOFF
MSG_CHANNEL_SUCCESS
MSG_CHANNEL_WINDOW_ADJUST
MSG_GLOBAL_REQUEST_CANCEL_STREAMLOCAL_FORWARD_OPENSSH
MSG_GLOBAL_REQUEST_CANCEL_TCPIP_FORWARD
MSG_GLOBAL_REQUEST_FAILURE
MSG_GLOBAL_REQUEST_HOSTKEYS_OPENSSH
MSG_GLOBAL_REQUEST_HOSTKEYS_PROVE_OPENSSH
MSG_GLOBAL_REQUEST_NO_MORE_SESSIONS_OPENSSH
MSG_GLOBAL_REQUEST_STREAMLOCAL_FORWARD_OPENSSH
MSG_GLOBAL_REQUEST_TCPIP_FORWARD
MSG_GLOBAL_REQUEST_UNKNOWN
MSG_UNKNOWN_ID_RESERVED_0
MSG_UNKNOWN_ID_TRANSPORT_GENERIC
MSG_UNKNOWN_ID_ALGORITHM_NEGOTIATION
MSG_UNKNOWN_ID_KEY_EXCHANGE_SPECIFIC
MSG_UNKNOWN_ID_USERAUTH_GENERIC
MSG_UNKNOWN_ID_USERAUTH_SPECIFIC
MSG_UNKNOWN_ID_CONNECTION_GENERIC
MSG_UNKNOWN_ID_CHANNEL_RELATED
MSG_UNKNOWN_ID_RESERVED_CLIENT
MSG_UNKNOWN_ID_RESERVED_PRIVATE