[MS-TSGU]: Terminal Services Gateway Server Protocol

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Errata below are for Protocol Document Version V39.0 – 2018/09/12.

Errata Published*	Description
2020/10/26	In Section 2.2.10.21 HTTP_TUNNEL_RESPONSE_OPTIONAL Structure, corrected the size and description of the nonce field. Changed from: nonce (20 bytes): A GUID defined in 2.2.2.1. It represents the nonce for the statement of health (SoH). Changed to: nonce (16 bytes): A GUID ([MS-DTYP] section 2.3.4.2) representing the nonce for the statement of health (SoH).
2019/10/28	In Section 3.1.1, Abstract Data Model, changed HTTP_CHANNEL_REQUEST to HTTP_CHANNEL_PACKET in the Target server names and Channel id element descriptions. Changed from: Target server names: An array of alias names for a target server. A target server alias name is a string of Unicode characters. The server name applies to the machine to which the RDG server connects.<23> ... • For HTTP transport, this is initialized when the RDG server receives an HTTP_CHANNEL_REQUEST from the RDG client. ... Channel id: An unsigned long representing the channel identifier for tracking purposes on the RDG server. The Channel id, which is then generated on the server, is stored by the RDG server and RDG client and can later be used for subsequent channel-related calls.<25> ... • For HTTP transport, this is generated after the RDG server receives HTTP_CHANNEL_REQUEST …. Changed to: Target server names: An array of alias names for a target server. A target server alias name is a string of Unicode characters. The server name applies to the machine to which the RDG server connects.<23> ... • For HTTP transport, this is initialized when the RDG server receives an HTTP_CHANNEL_PACKET (section 2.2.10.2) from the RDG client. ...

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	Channel id: An unsigned long representing the channel identifier for tracking purposes on the RDG server. The Channel id, which is then generated on the server, is stored by the RDG server and RDG client and can later be used for subsequent channel-related calls.<25> ... ● For HTTP transport, this is generated after the RDG server receives HTTP_CHANNEL_PACKET....
2019/10/28	In Section 2.2.9.2.1.1, TSG_PACKET_HEADER, changed the field names ComponentID to ComponentId and PacketID to PacketId. Changed from: The TSG_PACKET_HEADER structure contains information about the ComponentID and PacketID fields of the TSG_PACKET structure. The value of PacketID in TSG_PACKET MUST be set to TSG_PACKET_TYPE_HEADER. ... Changed to: The TSG_PACKET_HEADER structure contains information about the ComponentId and PacketId fields of the TSG_PACKET structure. The value of PacketId in TSG_PACKET MUST be set to TSG_PACKET_TYPE_HEADER. ... In Section 3.5.1, Abstract Data Model, changed the structure name AUTHENTICATION_COOKIE_DATA to AUTHN_COOKIE_DATA in the UDPAuthCookie description. Changed from: ... UDPAuthCookie: A signed and encoded byte BLOB containing an AUTHENTICATION_COOKIE_DATA structure. ... Changed to: ... UDPAuthCookie: A signed and encoded byte BLOB containing an AUTHN_COOKIE_DATA structure. ... In Section 3.7.1, Abstract Data Model, changed the structure name AUTHENTICATION_COOKIE_DATA to AUTHN_COOKIE_DATA in the UDPAuthCookie description. Changed from: UDPAuthCookie: A signed and encoded byte BLOB containing an AUTHENTICATION_COOKIE_DATA structure. ... Changed to: UDPAuthCookie: A signed and encoded byte BLOB containing an AUTHN_COOKIE_DATA structure.

Errata Published*	Description
	... In Section 4.3.1, Normal Scenario, changed the structure name AUTHENTICATION_COOKIE_DATA to AUTHN_COOKIE_DATA and the ADM element name AUTHENTICATION_COOKIE_DATA.szServerName to AUTHN_COOKIE_DATA.szServerName. Changed from: .. 6. The RDG server decrypts the packet received with DTLS. The RDG server decodes the message and verifies the signature on the decoded message. The RDG server maps the decoded message to the AUTHENTICATION_COOKIE_DATA structure. 7. The RDG server connects to the target server specified in the ADM element AUTHENTICATION_COOKIE_DATA.szServerName. ... Changed to: ... 6. The RDG server decrypts the packet received with DTLS. The RDG server decodes the message and verifies the signature on the decoded message. The RDG server maps the decoded message to the AUTHN_COOKIE_DATA structure. 7. The RDG server connects to the target server specified in the ADM element AUTHN_COOKIE_DATA.szServerName....

*Date format: YYYY/MM/DD