[MS-RDPEUDP2]: Remote Desktop Protocol: UDP Transport Extension Version 2

<table>
<tr><td>This topic lists the Errata found in [MS-RDPEUDP2] since it was last published. Since this topic is updated frequently, we recommend that you subscribe to these RSS or Atom feeds to receive update notifications.

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Errata below are for Protocol Document Version V1.0 – 2018/09/12.

Errata Published*	Description
2019/02/19	In Section 1.3, Overview, changed the maximum transmission unit (MTU) in RDP-UDP2 transport layer from 1600 to 1232 bytes. Changed from: … In this specification, the initiating endpoint A is referred to as the terminal client (2) and endpoint B is referred to as the terminal server. The maximum transmission unit (MTU) size in RDP-UDP2 transport layer is set to 1600 bytes. … Changed to: … In this specification, the initiating endpoint A is referred to as the terminal client (2) and endpoint B is referred to as the terminal server. The maximum transmission unit (MTU) size in RDP-UDP2 transport layer is set to 1232 bytes. …
2019/02/19	In Section 1.7, Versioning and Capability Negotiation, changed RDPUDP_VERSION_UDP2 to RDPUDP_PROTOCOL_VERSION_3. Changed from: During the RDP-UDP initialization stage, the UDP transport performs a handshake to negotiate between the client and server for a commonly supported UDP version. If the version is equal to RDPUDP_VERSION_UDP2, which is a new version that corresponds to the new extension specified in this document, the transport message flow switches to the RDP-UDP2 version. Changed to: During the RDP-UDP initialization stage, the UDP transport performs a handshake to negotiate between the client and server for a commonly supported UDP version. If the version is greater than or equal to RDPUDP_PROTOCOL_VERSION_3, which is a new version that corresponds to the new extension specified in this document, the transport message flow switches to the RDP-UDP2 version. In Section 2.2.1.2.1, Acknowledgement Payload, changed "lesser than or equal to 255 " to "less than or equal to 255" in the delayAckTimeScale field description. Changed from: C - delayAckTimeScale (4 bits): A 4-bit unsigned integer that specifies the scale applied to the time differences for all the delayed ACKs carried in this packet. The

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	Receiver SHOULD send a value for this field that ensures that each time interval in the delayAckTimeAdditions field is of size lesser than or equal to 255 (section 3.1.5.6). Changed to: C - delayAckTimeScale (4 bits): A 4-bit unsigned integer that specifies the scale applied to the time differences for all the delayed ACKs carried in this packet. The Receiver SHOULD send a value for this field that ensures that each time interval in the delayAckTimeAdditions field is of size less than or equal to 255 (section 3.1.5.6). In Section 4.1.2, On the Receiver when receiving the packet, changed RDPUDP_VERSION_4 to RDPUDP_PROTOCOL_VERSION_3 in the first step. Changed from: 1. A packet is received at the RDP-UDP layer. Because the UDP version is set to RDPUDP_VERSION_4, it is passed to the RDP-UDP2 stack for processing as an OnWire version of the packet (section 1.3.1). ... Changed to: 1. A packet is received at the RDP-UDP layer. Because the UDP version is set to RDPUDP_PROTOCOL_VERSION_3, it is passed to the RDP-UDP2 stack for processing as an OnWire version of the packet (section 1.3.1). ...
2019/02/19	In Section 2.2.1.3, PacketPrefixByte, changed the number that the Short_Packet_Length field should be set to from 0 to 7 if the length of the RDP-UDP2 Packet that follows the PacketPrefixByte is greater than 7 bytes. Changed from: ... C - Short_Packet_Length (3 bits): A 3-bit unsigned integer that specifies the length, in bytes, of the RDP-UDP2 Packet (section 2.2.2.1) that follows the PacketPrefixByte if the size is less than or equal to 7 bytes. If the length of the RDP-UDP2 Packet (section 2.2.2.1) that follows the PacketPrefixByte is greater than 7 bytes, then this field MUST be set to 0. Changed to: ... C - Short_Packet_Length (3 bits): A 3-bit unsigned integer that specifies the length, in bytes, of the RDP-UDP2 Packet (section 2.2.2.1) that follows the PacketPrefixByte if the size is less than or equal to 7 bytes. If the length of the RDP-UDP2 Packet (section 2.2.2.1) that follows the PacketPrefixByte is greater than 7 bytes, then this field MUST be set to 7. In Section 3.1.1.1.5, RDP-UDP2 Packet Network Format, changed the number that the Short_Packet_Length field should be set to from 0 to 7 if the RDP-UDP2 packet size is greater than or equal to 7 bytes. Changed from: Each RDP-UDP2 packet should include a PacketPrefixByte as defined in section 2.2.2.1.3. If the RDP-UDP2 packet size is less than 7 bytes, then the Short_Packet_Length field MUST be set to the size of the RDP-UDP2 packet. If the

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	RDP-UDP2 packet size is greater than or equal to 7 bytes, then the Short_Packet_Length field MUST be set to 0. Changed to: Each RDP-UDP2 packet should include a PacketPrefixByte as defined in section 2.2.2.1.3. If the RDP-UDP2 packet size is less than 7 bytes, then the Short_Packet_Length field MUST be set to the size of the RDP-UDP2 packet. If the RDP-UDP2 packet size is greater than or equal to 7 bytes, then the Short_Packet_Length field MUST be set to 7.
2019/02/19	In Section 3.1.1.1.5, RDP-UDP2 Packet Network Format, described a dummy packet and its processing rules when it follows the PacketPrefixByte structure. Changed from: ... ● If Packet_Type_Index is set to 8, then a dummy packet follows the PacketPrefixByte. Changed to: ... ● If Packet_Type_Index is set to 8, then a dummy packet follows the PacketPrefixByte. A dummy packet is treated as a normal RDP-UDP2 packet by the UDP transport. However, loss of this packet MUST not generate a retransmit. In addition, the contents MUST be ignored by higher layers using the UDP transport.
2019/02/19	In Section 3.1.1.1.5.1, Sending RDP-UDP2 Packet, clarified when the Short_Packet_Length field of the PacketPrefixByte structure must be set to 7. Changed from: ... 2. If the size of the RDP-UDP2 Packet Layout is less than 7 bytes, then it MUST be padded to be of length of 7 bytes and the original length in bytes MUST be set in the Short_Packet_length field of the PacketPrefixByte structure. ... Changed to: ... 2. If the size of the RDP-UDP2 Packet Layout is less than 7 bytes, then it MUST be padded to be of length of 7 bytes and the original length in bytes MUST be set in the Short_Packet_Length field of the PacketPrefixByte structure. Otherwise, the Short_Packet_Length field of the PacketPrefixByte structure MUST be set to 7. ...

*Date format: YYYY/MM/DD