

[MS-DNSP]: Domain Name Service (DNS) Server Management Protocol

This topic lists the Errata found in the MS-DNSP document 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.



Errata are subject to the same terms as the Open Specifications documentation referenced.

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Errata below are for Protocol Document Version [V37.0 – 2021/04/07](#).

Errata Published*	Description
2021/08/17	<p>In Section 3.1.4.5 R_DnssrvUpdateRecord (opnum 4), added processing behavior for the static condition.</p> <p>Changed from:</p> <ul style="list-style-type: none"> • If the pAddRecord is for an explicitly defined resource record type DNS_TYPE_CNAME (section 2.2.2.1.1), then delete any existing DNS_TYPE_CNAME record for the node specified in pszNodeName, before adding the record. • If pszZone is not NULL, search the DNS Zone Table for a zone with a name matching the value of pszZone. If a matching zone cannot be found return a failure. <p>Changed to:</p> <ul style="list-style-type: none"> • If the pAddRecord is for an explicitly defined resource record type DNS_TYPE_CNAME (section 2.2.2.1.1), then delete any existing DNS_TYPE_CNAME record for the node specified in pszNodeName, before adding the record. • If pAddRecord is for adding a new record to a dnsNode that has or had a static resource record (with TimeStamp at 0), then the new record is added as a static record.<279> • If pszZone is not NULL, search the DNS Zone Table for a zone with a name matching the value of pszZone. If a matching zone cannot be found return a failure. <p><279> Section 3.1.4.5: New records added as static in dnsNodes that contain or contained a static record is supported in Windows Server 2008 and later.</p>
2021/08/10	<p>In Section 3.1.1.1.1 DNS Server Integer Properties, in DsTombstoneInterval added seconds to 100-nanosecond conversion.</p> <p>Changed from:</p> <p>DsTombstoneInterval: . . . Every day at 2:00 AM local time the DNS server MUST conduct a search of all zones stored in the directory server for nodes which have the dnsTombstoned attribute set to TRUE and an EntombedTime (section 2.2.2.2.4.23) value greater than DsTombstoneInterval seconds in the past. . . .</p> <p>Changed to:</p> <p>DsTombstoneInterval: . . . Every day at 2:00 AM local time the DNS server MUST conduct a search of all zones stored in the directory server for nodes which have the dnsTombstoned attribute set to TRUE and an EntombedTime (section 2.2.2.2.4.23) value greater than DsTombstoneInterval seconds in the past (convert seconds to 100-nanosecond intervals for comparison). . . .</p>

Errata Published*	Description
	<p>In Section 3.1.4.5 R_DnssrvUpdateRecord (Opnum 4), changed EntombedTime from seconds to 100-nanosecond intervals and removed redundant instructions.</p> <p>Changed from:</p> <p>If pszZoneName points to a primary zone, attempt to perform addition/deletion/update of the record. If the operation is successful, increment the zone serial number using serial number arithmetic [RFC1982]. If the last record at the node is being deleted and the zone is stored in the directory server, the DNS server MUST set the node's dnsTombstoned attribute to TRUE and the node's dnsRecord (section 2.3.2.2) attribute to contain a DNS_RPC_RECORD_TS record (section 2.2.2.4.23) with an EntombedTime value equal to the current time expressed as the number seconds since 12:00 A.M. January 1, 1601 Coordinated Universal Time (UTC). If the zone is directory server-integrated and the update causes new or modified records to be committed to the directory, the new zone serial number MUST also be written to the Serial field of the dnsRecord attribute, as specified in 2.3.2.2. If this operation deletes the last record from the node and the zone is directory server-integrated, the DNS server MUST set the node's DNS Node Tombstone State (section 3.1.1) to TRUE by setting the value of the dnsTombstoned attribute to TRUE and writing a DNS_RPC_RECORD_TS (section 2.2.2.4.23) in the dnsRecord attribute.</p> <p>Changed to:</p> <p>If pszZoneName points to a primary zone, attempt to perform addition/deletion/update of the record. If the operation is successful, increment the zone serial number using serial number arithmetic [RFC1982]. If the zone is directory server-integrated and the update causes new or modified records to be committed to the directory, the new zone serial number MUST also be written to the Serial field of the dnsRecord attribute (section 2.3.2.2). If the last record at the node is being deleted and the zone is stored in the directory server or is directory server-integrated, the DNS server MUST set the node's dnsTombstoned attribute to TRUE and the node's dnsRecord attribute to contain a DNS_RPC_RECORD_TS record (section 2.2.2.4.23) with an EntombedTime value equal to the current time expressed as the number of 100-nanosecond intervals since 12:00 A.M. January 1, 1601 Coordinated Universal Time (UTC).</p>

*Date format: YYYY/MM/DD