Knowledge Base

Windows 2000 DNS Event Messages 1616 Through 6702

PSS ID Number: 287513

Article Last Modified on 10/11/2002

The information in this article applies to:

- Microsoft Windows 2000 Server
- Microsoft Windows 2000 Advanced Server

This article was previously published under Q287513

SUMMARY

This article describes DNS server events in Windows 2000 starting at event ID 1616 and higher. For events with lower number sequences, view the following article in the Microsoft Knowledge Base:

259302 Windows 2000 DNS Event Messages 1 Through 1614

Note that there is no event 1615. The events in this article may appear in the event logs on a Windows 2000-based DNS server.

MORE INFORMATION

1616

MessageId=1616 Severity=Error SymbolicName=DNS_EVENT_TEXT_STRING_TOO_LONG

The DNS server encountered a text string "%1" in zone file %2 at line %3 that exceeds the maximum permissible length. Although the DNS server continues to load, ignoring this resource record (RR), it is strongly recommended that you either correct this RR or remove it from the zone file. The zone file is located in the %SystemRoot%\System32\Dns directory.

1617

MessageId=1617 Severity=Error
SymbolicName=DNS_EVENT_INVALID_IP_ADDRESS_STRING

The DNS server encountered an invalid IP address "%1" in zone file %2 at line %3. Although the DNS server continues to load, ignoring this resource record (RR), it is recommended that you either correct this RR or remove it from the zone file. The zone file is located in the %SystemRoot%\System32\Dns directory.

1618

MessageId=1618 Severity=Error SymbolicName=DNS_EVENT_INVALID_IPV6_ADDRESS

The DNS server encountered an invalid IPv6 address "%1" in zone file %2 at line %3. Although the DNS server continues to load, ignoring this resource record (RR), it is recommended that you either correct this RR or remove it from the zone file. The zone file is located in the %SystemRoot%\System32\Dns directory.

1619

MessageId=1619 Severity=Error SymbolicName=DNS_EVENT_UNKNOWN_PROTOCOL

The DNS server could not find protocol "%1" specified for the well known service (WKS) resource record (RR) in zone file %2 at line %3. Although the DNS server continues to load, ignoring this RR, it is strongly recommended that you either correct this WKS RR or remove it from the zone file. The zone file is located in the %SystemRoot%\System32\Dns directory.

1620

MessageId=1620 Severity=Error SymbolicName=DNS_EVENT_UNKNOWN_SERVICE

The DNS server could not find the service "%1" specified for the well known service (WKS) resource record (RR) in zone file %2 at line %3. Although the DNS server continues to load, ignoring this RR, it is recommended that you either correct this WKS RR or remove it from the zone file. The zone file is located in the %SystemRoot%\System32\Dns directory.

1621

MessageId=1621 Severity=Error SymbolicName=DNS_EVENT_WKS_PORT_UNSUPPORTED

The DNS server encountered the port "%1" specified for the well known service (WKS) resource record (RR) in zone file %2 at line %3. This port exceeds the maximum port supported for the WKS RR. Although the DNS server continues to load, ignoring this RR, it is strongly recommended that you either correct this WKS RR or remove it from the zone file. The zone file is located in the %SystemRoot%\System32\Dns directory.

Microsoft resource record (RR) problems

1650

Messageid=1650 Severity=Error SymbolicName=DNS_EVENT_INVALID_WINS_RECORD

The DNS server encountered invalid WINS record in file %1, line %2. WINS records are subject to the following conditions:

1. WINS record must be in forward lookup zone (not in in-addr.arpa domain).
2. Only one WINS record may be specified in a zone file.
3. WINS record must belong to the zone root (the WINS record name must be the origin of the zone). If WINS lookup is desired for names in a sub-domain of the zone, then the sub-domain must be split into its own zone.
4. WINS record must specify at least one WINS server.

The format of a WINS record:

WINS [LOCAL] [L] [C] [WINS IPs...]
Examples (zone root assumed to be current origin):
WINS LOCAL L1 C10 10.10.10.1 10.10.10.2 10.10.10.3

WINS 10.10.10.1

For more information, see "Using WINS lookup" in the online Help.

1651

Messageid=1651 Severity=Error SymbolicName=DNS_EVENT_INVALID_NBSTAT_RECORD

The DNS server encountered an invalid WINS reverse lookup (WINSR) resource record (RR) in file %1 at line %2.

WINSR records are subject to the following conditions:

1. WINSR record must be in reverse lookup zone (under in-addr.arpa domain).

2. Only one WINSR record may be specified in a zone file.

3. WINSR record must belong to the zone root (the WINS record name must be the origin of the zone).

4. WINSR record must specify at domain for the resulting name.

The format of a WINSR record:

WINSR [LOCAL] [L] [C]

Examples (zone root assumed to be current origin):
WINSR LOCAL L1 C10 microsoft.com.
WINSR wins.microsoft.com.

For more information, see "Using WINS lookup" in the online Help.

1654

MessageId=1654 Severity=Error SymbolicName=DNS_EVENT_UNKNOWN_WINS_FLAG

The DNS server encountered an unknown WINS-to-DNS mapping flag %1 in file %2 at line %3. Although the DNS server continues to load, ignoring this flag, it is recommended that you either correct the associated resource record or remove it from the zone file. The zone file is located in the %SystemRoot%\System32\Dns directory.

1656

MessageId=1656 Severity=Error SymbolicName=DNS_EVENT_NO_NBSTAT_DOMAIN

The DNS server encountered a WINS reverse lookup (WINSR) resource record (RR) without a domain specified for resulting names in zone file %1 at line %2. This field is required for mapping names that are found in WINS reverse lookup to fully-qualified DNS domain names. It is appended to the NetBIOS computer names resolved by NetBIOS adapter status queries. Although the DNS server will continue to load, ignoring this RR, it is recommended that you either correct the WINSR RR or disable WINS reverse lookup and/or remove the RR from the zone file. The zone file is located in the %SystemRoot%\System32\Dns directory.

For more information, see "Using WINS lookup" in the online Help.

Admin \ RPC Messages generated as a result of admin activity.

Boot File Backup Message

2001

MessageId=2001 Severity=Success SymbolicName=DNS_BOOTFILE_BACKUP_MESSAGE

The DNS server is now booting from the registry or directory. The DNS server at startup will no longer read the existing server boot file. For any new zones that you add or for changes you make to zone information, you must make them using the DNS console. The previous DNS server boot file has been moved to the %SystemRoot%\System32\Dns\backup directory. To return to using a boot file, use the DNS console and reconfigure the boot method for the server. For more information, see "To change the boot method used by the DNS server" in the online Help.

2002

MessageId=2002 Severity=Informational SymbolicName=DNS_EVENT_BOOTFILE_REWRITE

The DNS server has written a new version of the boot file. Either new zones or changes to existing zone information were made through the DNS console that required the DNS Server to update the information in this file. A copy of the previous boot file has been moved to the %SystemRoot%\System32\Dns\backup directory.

2003

MessageId=2003 Severity=Error SymbolicName=DNS_EVENT_BOOTFILE_WRITE_ERROR

The DNS server encountered an error writing current configuration back to boot file. Verify that the current boot file contains all of the desired information. The Boot file is located in the %SystemRoot%\System32\Dns directory.

2005

MessageId=2005 Severity=Informational SymbolicName=DNS_EVENT_SWITCH_TO_BOOTFILE

The DNS server has been reconfigured to boot from a boot file. Current server and zone configuration information has been written to this file. To return to booting from the registry or Active Directory, use the DNS console and reconfigure the boot method for the server. For more information, see "To change the boot method used by the DNS server" in the online Help.

Registry

2200

Messageid=2200 Severity=Error SymbolicName=DNS_EVENT_REGISTRY_OPEN_FAILED

The DNS server could not open a registry key. Reinstall the DNS server if it was not able to be started. If the DNS server started, but couldn't load a zone, reload the zone or restart the DNS server.

2202

Messageid=2202 Severity=Error SymbolicName=DNS_EVENT_REGISTRY_WRITE_FAILED

The DNS server could not write a registry key. The server disk could be full or corrupted or the maximum permissible size for the server

registry has been reached. The DNS server will not be able to save server or zone configuration parameters to in the registry unless the problem is fixed.

2203

Messageid=2203 Severity=Error SymbolicName=DNS_EVENT_REGISTRY_DELETE_FAILED

The DNS server could not delete a registry key. The registry is likely corrupted. The DNS server will not be able to save DNS server or zone configuration parameters in the registry unless the problem is fixed.

Run Time Events

Aging/scavenging messages

2501

Messageid=2501 Severity=Informational SymbolicName=DNS_EVENT_AGING_SCAVENGING_END

DNS service has completed a scavenging cycle:
Visited Nodes = %1,
Scavenged Nodes = %2,
Scavenged Records = %3.
This cycle took %4 seconds.
Next cycle is scheduled in %5 hours.
The record data may contain error code.

3000

MessageId=3000 Severity=Warning SymbolicName=DNS_EVENT_START_LOG_SUPPRESS

The DNS server is logging numerous run-time events. For information about these events, see previous DNS Server event log entries. To prevent the DNS Server from clogging server logs, further logging of this event and other events with higher Event IDs will now be suppressed.

File writing

3150

MessageId=3150 Severity=Informational SymbolicName=DNS_EVENT_ZONE_WRITE_COMPLETED

The DNS server wrote version %1 of zone %2 to file %3.

3151

MessageId=3151 Severity=Error SymbolicName=DNS_EVENT_ZONE_WRITE_FAILED

The DNS server unable to write zone file %1 for zone %2. Most likely the server disk is full. Free some disk space and re-initiate zone write.

3152

MessageId=3152 Severity=Error SymbolicName=DNS_EVENT_FILE_NOT_OPENED_FOR_WRITE

The DNS server was unable to open file %1 for write. Most likely the file is a zone file that is already open. Close the zone file and re-initiate zone write.

3153

MessageId=3153 Severity=Error SymbolicName=DNS_EVENT_WRITE_FILE_FAILURE

The DNS server encountered an error writing to file. Most likely the server disk is full. Free some disk space at the server and re-initiate zone write. The event data is the error code.

3160

MessageId=3160 Severity=Error SymbolicName=DNS_EVENT_UNWRITABLE_RECORD_TYPE

The DNS server encountered a non-writable or unknown resource record (RR) type when writing the zone database to file. The event data is applicable RR type.

3162

MessageId=3162 Severity=Error SymbolicName=DNS_EVENT_UNKNOWN_PROTOCOL_NUMBER

The DNS server encountered an unknown protocol writing a well known service (WKS) resource record to the zone file. The event data is applicable the protocol number.

3163

MessageId=3163 Severity=Error SymbolicName=DNS_EVENT_UNKNOWN_SERVICE_PORT

The DNS server encountered an unknown service port writing a well known service (WKS) resource record to the zone file. The event data is applicable the port.

DS integration

4000

MessageId=4000 Severity=Error SymbolicName=DNS_EVENT_DS_OPEN_FAILED

The DNS server was unable to open Active Directory. This DNS server is configured to obtain and use information from the directory for this zone and is unable to load the zone without it. Check that the Active Directory is functioning properly and reload the zone. The event data is the error code.

4001

MessageId=4001 Severity=Error SymbolicName=DNS_EVENT_DS_ZONE_OPEN_FAILED

The DNS server was unable to open zone %1 in the Active Directory. This DNS Server is configured to obtain and use information from the directory for this zone and is unable to load the zone without it. Check that the Active Directory is functioning properly and reload

the zone. The event data is the error code.

4002

MessageId=4002 Severity=Error SymbolicName=DNS_EVENT_DS_ZONE_ADD_FAILED

The DNS server was unable to add zone %1 to the Active Directory. Check that the Active Directory is available. Note that the zone will not be added to and written to the directory unless you re-attempt adding the zone using the DNS console. The event data contains the error. For more information see "Add and Remove Zones" in the online Help.

4003

MessageId=4003 Severity=Error SymbolicName=DNS_EVENT_DS_ZONE_DELETE_FAILED

The DNS server was unable to delete zone %1 in the Active Directory. Check that the Active Directory is functioning properly. Note that this zone will not be removed from the directory unless you retry deleting of the zone using the DNS console. The event data contains the error. For more information see "Add and Remove Zones" in the online Help.

4004

MessageId=4004 Severity=Error SymbolicName=DNS_EVENT_DS_ZONE_ENUM_FAILED

The DNS server was unable to complete directory service enumeration of zone %1. This DNS server is configured to use information obtained from Active Directory for this zone and is unable to load the zone without it. Check that the Active Directory is functioning properly and repeat enumeration of the zone. The event data contains the error.

4005

MessageId=4005 Severity=Informational SymbolicName=DNS_EVENT_DS_ZONE_DELETE_DETECTED

The DNS server received indication that zone %1 was deleted from Active Directory. Since this zone was an Active Directory zone, it has been deleted from the DNS server.

4006

MessageId=4006 Severity=Error SymbolicName=DNS_EVENT_DS_NODE_LOAD_FAILED

The DNS server was unable to create a name in memory for name %1 in zone %2 in the Active Directory. This directory name is ignored. Use the DNS console to re-create the records associated with this name or check that the Active Directory is functioning properly and reload the zone. The event data contains the error.

4010

MessageId=4010 Severity=Error SymbolicName=DNS_EVENT_DS_RECORD_LOAD_FAILED

The DNS server was unable to load a resource record (RR) from the directory at %1 in zone %2. Use the DNS console to recreate this RR or check that the Active Directory is functioning properly and reload the zone. The event data contains the error.

4011

MessageId=4011 Severity=Error SymbolicName=DNS_EVENT_DS_WRITE_FAILED

The DNS server was unable to add or write an update of domain name %1 in zone %2 to the Active Directory. Check that the Active Directory is functioning properly and add or update this domain name using the DNS console. The event data contains the error.

4012

MessageId=4012 Severity=Error SymbolicName=DNS_EVENT_DS_WRITE_TIMEOUT

The DNS server timed out attempting to write resource records to the Active Directory at %1. Check that the directory is functioning properly and add or update the records using the DNS console. The event data contains the error.

4013

MessageId=4013 Severity=Warning SymbolicName=DNS_EVENT_DS_OPEN_WAIT

The DNS server was unable to open the Active Directory. This DNS server is configured to use directory service information and cannot operate without access to the directory. The DNS server will wait for the directory to start. If the DNS server is started but the appropriate event has not been logged, then the DNS server is still waiting for the directory to start.

4014

MessageId=4014 Severity=Error SymbolicName=DNS_EVENT_DS_SECURITY_INIT_FAILURE

The DNS server was unable to initialize Active Directory security interfaces. Check that the Active Directory is functioning properly and restart the DNS server. The event data contains the error.

4015

MessageId=4015 Severity=Error SymbolicName=DNS_EVENT_DS_INTERFACE_ERROR

The DNS server has encountered a critical error from the Active Directory. Check that the Active Directory is functioning properly. The event data contains the error.

4016

MessageId=4016 Severity=Error SymbolicName=DNS_EVENT_DS_LDAP_TIMEOUT

The DNS server timed out attempting an Active Directory service operation on %1. Check Active Directory to see that it is functioning properly. The event data contains the error. **Caching problems**

5105

MessageId=5105 Severity=Error SymbolicName=DNS_EVENT_ADDING_RR_AT_CNAME

The DNS server attempted to cache an CNAME (alias) resource record for the domain node. The operation failed, since the CNAME RR must be the only RR for its domain name.

5106

MessageId=5106 Severity=Error SymbolicName=DNS_EVENT_CNAME_NOT_ALONE

The DNS server attempted to cache an CNAME (alias) resource record (RR) for a domain name with existing RRs. The CNAME RR is ignored, since it must be the only RR for its domain name.

5107

MessageId=5107 Severity=Error SymbolicName=DNS_EVENT_CNAME_LOOP

The DNS server created CNAME (alias) loop caching CNAME resource records (RRs). The record is ignored, since CNAME loops are not allowed.

5108

MessageId=5108 Severity=Error SymbolicName=DNS_EVENT_CNAME_LOOP_LINK

The DNS server created an CNAME (alias) loop loading CNAME at %1. One link in CNAME loop: DNS name %2 is an alias for CNAME %3. See adjoining messages for other links in the CNAME loop.

Bad packets from remote

5500

MessageId=5500 Severity=Warning SymbolicName=DNS_EVENT_BAD_QUERY

The DNS server received a bad DNS query. The query was rejected or ignored.

5501

Messageid=5501 Severity=Warning SymbolicName=DNS_EVENT_BAD_PACKET_LENGTH

The DNS server encountered a bad packet from %1. Packet processing leads beyond packet length.

5502

MessageId=5502 Severity=Warning SymbolicName=DNS_EVENT_BAD_TCP_MESSAGE

The DNS server received a bad TCP-based DNS message from %1. The packet was rejected or ignored.

5504

Messageid=5504 Severity=Warning SymbolicName=DNS_EVENT_INVALID_PACKET_DOMAIN_NAME

The DNS server encountered an invalid domain name in a packet from %1. The packet is rejected.

5505

Messageid=5505 Severity=Warning SymbolicName=DNS_EVENT_PACKET_NAME_TOO_LONG

The DNS server encountered a domain name exceeding the maximum length in the packet.

5506

Messageid=5506 Severity=Warning SymbolicName=DNS_EVENT_PACKET_NAME_BAD_OFFSET

The DNS server encountered an invalid domain name offset in a packet. The offset is the error.

5507

Messageid=5507 Severity=Warning SymbolicName=DNS_EVENT_PACKET_NAME_OFFSET_TOO_LONG

The DNS server encountered a name offset exceeding the packet length. The offset is the error.

5508

Messageid=5508 Severity=Warning SymbolicName=DNS_EVENT_PACKET_NAME_TOO_MANY_LABELS

The DNS server encountered a packet name exceeding the maximum label count.

5509

Messageid=5509 Severity=Warning SymbolicName=DNS_EVENT_BAD_UPDATE_PACKET

The DNS server encountered an invalid DNS update message from %1. The packet was rejected.

5510

Messageid=5510 Severity=Warning SymbolicName=DNS_EVENT_BAD_RESPONSE_PACKET

The DNS server encountered an invalid response message from %1. The packet was rejected.

Zone transfer master

6001

Messageid=6001 Severity=Informational SymbolicName=DNS_EVENT_ZONEXFR_SUCCESSFUL

The DNS server successfully completed transfer of zone %1 to DNS server at %2.

6002

Messageid=6002 Severity=Informational SymbolicName=DNS_EVENT_ZONEXFR_ABORTED

The transfer of zone %1 by the DNS Server was aborted by the server at %2. To restart the transfer of the zone, you must initiate transfer at the secondary server. Fore more information, see "Initiate a zone transfer at a secondary server" in the online Help.

6003

Messageid=6003 Severity=Warning SymbolicName=DNS_EVENT_UDP_ZONE_TRANSFER

The DNS server received a request from %1 for a UDP-based transfer of the entire zone. The request was ignored because full zone transfers must be made using TCP.

6004

MessageId=6004 Severity=Warning SymbolicName=DNS_EVENT_BAD_ZONE_TRANSFER_REQUEST

The DNS server received a zone transfer request from %1 for a non-existent or non-authoritative zone %2.

Zone transfer secondary

6520

MessageId=6520 Severity=Informational SymbolicName=DNS_EVENT_ZONE_UPDATE

Zone %1 was updated to version %2 of the zone as provided from the master server at %3.

6521

MessageId=6521 Severity=Informational SymbolicName=DNS_EVENT_ZONE_IN_SYNC

Zone %1 is synchronization with version %2 of the zone as provided from the master server at %3.

6522

MessageId=6522 Severity=Informational SymbolicName=DNS_EVENT_ZONE_TRANSFER_IN_PROGRESS

A more recent version, version %1 of zone %2 was found at DNS server at %3. Zone transfer is in progress.

6523

MessageId=6523 Severity=Warning SymbolicName=DNS_EVENT_XFR_MASTER_UNAVAILABLE

Zone %1 failed zone refresh check. Unable to connect to master DNS server at %2 to receive zone transfer. Check that the zone contains correct IP address for the master server or if network failure has occurred. For more information, see "To update the master server for a secondary zone" in the online Help. If available, you can specify more than one master server in the list for this zone.

6524

MessageId=6524 Severity=Error SymbolicName=DNS_EVENT_AXFR_BAD_RESPONSE

Invalid response from master DNS server at %2 during attempted zone transfer of zone %1. Check The DNS server at %2 and insure that it is authoritative for this zone. This can be done by viewing or updating the list of authoritative servers for the zone. When using the DNS console, select zone %1 Properties at server %2 and click the Name Servers tab. If needed, you can add or update this server in the list there. As an alternative solution, you could also modify settings in the Zone Transfer tab to allow transfer of the zone to this and other DNS servers.

6525

MessageId=6525 Severity=Error SymbolicName=DNS_EVENT_AXFR_REFUSED

Zone transfer request for secondary zone %1 refused by master server at %2. Check the zone at the master server %2 to verify that zone transfer is enabled to this server. To do so, use the DNS console, and select master server %2 as the applicable server, then in secondary zone %1 Properties, view the settings on the Zone Transfers tab. Based on the settings you choose, make any configuration adjustments there (or possibly in the Name Servers tab) so that a zone transfer can be made to this server.

6526

MessageId=6526 Severity=Warning SymbolicName=DNS_EVENT_ZONE_NEWER_THAN_SERVER_VERSION

Zone %1 version %2 is newer than version %3 on DNS server at %4. The zone was not updated.
DNS servers supplying zones for transfer must have the most recent version of the zone, based on the primary zone. If zone on remote server %4, is in fact the most recent version of the zone, do the following at that server:

1. Stop the DNS server.
2. Delete the zone file (not the zone itself).
3. Restart the DNS server.

The DNS server will transfer the new version and write its zone file. When deleting the zone file at server %4, locate the file named %1.dns in the %SystemRoot%\System32\Dns directory and delete it. An alternative solution is to delete and recreate the secondary zone at server %4. This could be preferred if this server hosts large zones and restarting it at this time would be a consuming or costly operation.

6527

MessageId=6527 Severity=Error SymbolicName=DNS_EVENT_ZONE_EXPIRATION

Zone %1 expired before it could obtain a successful zone transfer or update from a master server acting as its source for the zone. The zone has been shut down.

6530

MessageId=6530 Severity=Error SymbolicName=DNS_EVENT_XFR_ADD_RR_AT_CNAME

During transfer of zone %1 from master at %2, the DNS Server received a resource record (RR) for domain node %3 at which an CNAME (alias) RR was already received. When used, the CNAME RR must be the only record for its domain name. The CNAME RR for %3 will be ignored.

6531

MessageId=6531 Severity=Error SymbolicName=DNS_EVENT_XFR_CNAME_NOT_ALONE

During transfer of zone %1 from master at %2, the DNS Server received a CNAME (alias) resource record (RR) for domain node %3 for which other records of that name were already received. When used, the CNAME RR must be the only record for its domain name. The CNAME RR for %3 will be ignored.

6532

MessageId=6532 Severity=Error SymbolicName=DNS_EVENT_XFR_CNAME_LOOP

During transfer of zone %1 from master at %2, the DNS Server received a CNAME (alias) resource record (RR) for domain node %3

which would form an CNAME loop if accepted and used. The CNAME RR for %3 is being ignored.

6533

MessageId=6533 Severity=Error SymbolicName=DNS_EVENT_AXFR_INIT_FAILED

The DNS server could not create a zone transfer thread. The system may be out of resources. Close any applications not in use or reboot the computer to free memory. The event data contains the error.

6534

MessageId=6534 Severity=Error SymbolicName=DNS_EVENT_XFR_ABORTED_BY_MASTER

Failed transfer of zone %1 from DNS server at %2. The DNS server at %2 aborted or failed to complete transfer of the zone. Check the DNS server at %2 and insure it is properly functioning and authoritative for zone %1.

6535

MessageId=6535 Severity=Warning SymbolicName=DNS_EVENT_IXFR_UNSUPPORTED

The master DNS server at %2 responded to IXFR (Incremental Zone Transfer) request for zone %1 with an invalid (FORMAT ERROR) response. DNS server performance and network bandwidth will both be improved by upgrading the DNS server at %2 to a run as either a Windows 2000 DNS server or another IXFR-compatible DNS server implementation.

6536

MessageId=6536 Severity=Error SymbolicName=DNS_EVENT_IXFR_BAD_RESPONSE

Invalid IXFR (Incremental Zone Transfer) response from master DNS server at %2 during attempted incremental transfer of zone %1. Check the DNS server at %2, and verify its is running as a Windows 2000 DNS server or another IXFR-compatible DNS server implementation.

Update \ AutoConfig

6701

MessageId=6701 Severity=Success SymbolicName=DNS_EVENT_UPDATE_DS_PEERS_SUCCESS

DNS Server has updated its own host (A) records. In order to insure that its DS-integrated peer DNS servers are able to replicate with it, they have been updated with the new records through dynamic update.

6702

MessageId=6702 Severity=Error SymbolicName=DNS_EVENT_UPDATE_DS_PEERS_FAILURE

DNS Server has updated its own host (A) records. In order to insure that its DS-integrated peer DNS servers are able to replicate with this server, an attempt was made to update them with the new records through dynamic update. An error was encountered during this update, the record data is the error code.

If this DNS server does not have any DS-integrated peers, then this error should be ignored. If this DNS server's Active Directory replication partners do not have the correct IP address for this server, they will be unable to replicate with it.

To insure proper replication:

1. Find this server's Active Directory replication partners that run the DNS server.
2. Open DNS Manager and connect in turn to each of the replication partners.
3. On each server, check the host (A record) registration for THIS server.
4. Delete any A records that do NOT correspond to IP addresses of this server.
5. If there are no A records for this server, add at least one A record corresponding to an address on this server, that the replication partner can contact. (In other words, if there multiple IP addresses for this DNS server, add at least one that is on the same network as the Active Directory DNS server you are updating.)
6. It is not necessary to update EVERY replication partner. It is only necessary that the records are fixed up on enough replication partners so that every server that replicates with this server will receive (through replication) the new data.

Keywords: kbDNS kberrmsg kbinfo w2000dns KB287513
Technology: kbwin2000AdvServ kbwin2000AdvServSearch kbwin2000Search kbwin2000Serv kbwin2000ServSearch kbWinAdvServSearch