

## RE: WMI to read DNS server properties script

**Source:**

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.scripting/2005-01/0326.html>

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I ran this sample script against a W2K3 DNS server and got the following error:

Microsoft VBScript runtime error: Type mismatch

The error is on

Wscript.Echo "Forwarders: " & objItem.Forwarders

Any hints?

"David Adner" wrote:

> *I'm trying to use the sample script below from the Technet script*  
> *center. It says Windows 2000 is*  
> *supported, but I get an error when I run it. It works fine against a*  
> *Windows 2003 server. The error code I get is 0x8004100e. Should this*  
> *work against a vanilla Windows 2000 (SP4) DNS server? Do I need to*  
> *install something*  
> *extra on it?*  
>  
> <http://www.microsoft.com/technet/scriptcenter/scripts/network/dns/manage/nwmgvb07.msp>  
>  
> *strComputer = "."*  
> *Set objWMIService = GetObject("winmgmts:" \_*  
> *& "{impersonationLevel=impersonate}!\\" & strComputer & \_*  
> *"\root\MicrosoftDNS")*  
>  
> *Set colItems = objWMIService.ExecQuery("Select \* from*  
> *MicrosoftDNS\_Server")*  
>  
> *For Each objItem in colItems*  
> *Wscript.Echo "Name: " & objItem.Name*  
> *Wscript.Echo "Address Answer Limit: " & objItem.AddressAnswerLimit*  
> *Wscript.Echo "Allow Update: " & objItem.AllowUpdate*  
> *Wscript.Echo "Autocache Update: " & objItem.AutoCacheUpdate*  
> *Wscript.Echo "Autoconfig File Zones: " & objItem.AutoConfigFileZones*  
> *Wscript.Echo "Bind Secondaries: " & objItem.BindSecondaries*

```
> Wscript.Echo "Boot Method: " & objItem.BootMethod
> Wscript.Echo "Default Aging State: " & objItem.DefaultAgingState
> Wscript.Echo "Default No-Refresh Interval: " & _
> objItem.DefaultNoRefreshInterval
> Wscript.Echo "Default Refresh Interval: " &
> objItem.DefaultRefreshInterval
> Wscript.Echo "Disable AutoReverse Zones: " & _
> objItem.DisableAutoReverseZones
> Wscript.Echo "Disjoint Nets: " & objItem.DisjointNets
> Wscript.Echo "Directory Service Available: " & objItem.DsAvailable
> Wscript.Echo "Directory Service Polling Interval: " & _
> objItem.DsPollingInterval
> Wscript.Echo "Directory Service Tombstone Interval: " & _
> objItem.DsTombstoneInterval
> Wscript.Echo "EDNS Cache Timeout: " & objItem.EDnsCacheTimeout
> Wscript.Echo "Enable Directory Partitions: " & _
> objItem.EnableDirectoryPartitions
> Wscript.Echo "Enable DNSSEC: " & objItem.EnableDnsSec
> Wscript.Echo "Enable EDNS Probes: " & objItem.EnableEDnsProbes
> Wscript.Echo "Event Log Level: " & objItem.EventLogLevel
> Wscript.Echo "Forward Delegations: " & objItem.ForwardDelegations
> Wscript.Echo "Forwarders: " & objItem.Forwarders
> Wscript.Echo "Forwarding Timeout: " & objItem.ForwardingTimeout
> Wscript.Echo "Is Slave: " & objItem.IsSlave
> Wscript.Echo "Listen Addresses: " & objItem.ListenAddresses
> Wscript.Echo "Local Net Priority: " & objItem.LocalNetPriority
> Wscript.Echo "Logfile Maximum Size: " & objItem.LogFileMaxSize
> Wscript.Echo "Logfile Path: " & objItem.LogFilePath
> Wscript.Echo "Log IPFilter List: " & objItem.LogIPFilterList
> Wscript.Echo "Log Level: " & objItem.LogLevel
> Wscript.Echo "Loose Wildcarding: " & objItem.LooseWildcarding
> Wscript.Echo "Maximum Cache Time-to-Live: " & objItem.MaxCacheTTL
> Wscript.Echo "Maximum Negative Cache Time-to-Live: " & _
> objItem.MaxNegativeCacheTTL
> Wscript.Echo "Name Check Flag: " & objItem.NameCheckFlag
> Wscript.Echo "No Recursion: " & objItem.NoRecursion
> Wscript.Echo "Recursion Retry: " & objItem.RecursionRetry
> Wscript.Echo "Recursion Timeout: " & objItem.RecursionTimeout
> Wscript.Echo "RoundRobin: " & objItem.RoundRobin
> Wscript.Echo "Rpc Protocol: " & objItem.RpcProtocol
> Wscript.Echo "Scavenging Interval: " & objItem.ScavengingInterval
> Wscript.Echo "Secure Responses: " & objItem.SecureResponses
> Wscript.Echo "Send Port: " & objItem.SendPort
> For Each strAddress in objItem.ServerAddresses
> Wscript.Echo "Server Address: " & strAddress
> Next
> Wscript.Echo "Started: " & objItem.Started
> Wscript.Echo "Start Mode: " & objItem.StartMode
> Wscript.Echo "Strict File Parsing: " & objItem.StrictFileParsing
> Wscript.Echo "Update Options: " & objItem.UpdateOptions
> Wscript.Echo "Version: " & objItem.Version
```

microsoft.public.windows.server.scripting: RE: WMI to read DNS server properties script

- > *Wscript.Echo "Write Authority NS: " & objItem.WriteAuthorityNS*
- > *Wscript.Echo "Xfr Connect Timeout: " & objItem.XfrConnectTimeout*
- > *Next*
- >