

# Failure of Win API LsaQueryTrustedDomainInfo(..) on a WinNT machine with IN parameter to information class as TrustedDomainInformationEx

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We have a trust relationship set up between domain servers Win 2003 and WinNT PDC(SP4) machine. We have verified that an NT user could log on to a Win2k3 domain and vice-versa indicating mixed domain trust was successfully created.

Question 1: Is this a supported configuration?

Now, we are trying to obtain trust relationship properties for the Win NT PDC machine containing information as/similar stored in TRUSTED\_DOMAIN\_INFORMATION\_EX structure.

The problem is –

Win API LsaQueryTrustedDomainInfo(..) fails with "Access is denied" error on a Windows NT machine when the IN parameter to Information class is TrustedDomainInformationEx (even though the Trust Relationship has been successfully created).

The Win API Call Sequence is

- LsaOpenPolicy(..) // null to systemname, POLICY\_ALL\_ACCESS was granted to in parameter ACCESS\_MASK
- LsaEnumerateTrustedDomains(..) // valid SIDs of one or more trusted domains returned in out parameter Buffer
- LsaQueryTrustedDomainInfo(..) // in parameter to Information class as TrustedDomainInformationEx

Reference –

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/secmgmt/security/lsaquerytrusteddomaininfo.asp>

This link mentions support for WinNT server 3.51 and later.

Our executable was made to run as an administrative account and/or as a local system user on WinNT PDC.

Question 2 – Is there any alternative API to obtain trust relationship properties on a Win NT PDC machine containing information as/similar

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stored in TRUSTED\_DOMAIN\_INFORMATION\_EX structure? OR Are we doing anything that is incorrect?

Regards,  
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