

[MS-WKST]: Workstation Service Remote Protocol

This topic lists the Errata found in [MS-WKST] 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.

Errata below are for Protocol Document Version [V28.0 – 2018/09/12](#).

Errata Published*	Description
2018/11/12	<p>In Section 3.2.4.8, NetrUseGetInfo (Opnum 9), changed from:</p> <p>...</p> <p>The server MUST fill the return structures as follows:</p> <ul style="list-style-type: none">• If the Level member is 0, the server MUST return the information about the connection by filling the USE_INFO_0_CONTAINER (section 2.2.5.25) structure in the Buffer field of the InfoStruct parameter as follows. USE_INFO_0_CONTAINER contains an array of USE_INFO_0 structures.<ul style="list-style-type: none">• ui0_local set to Connection.local• ui0_remote set to Connection.Remote• If the Level member is 1, the server MUST return the information about the connection by filling the USE_INFO_1_CONTAINER (section 2.2.5.26) structure in the Buffer field of the InfoStruct parameter as follows. USE_INFO_1_CONTAINER contains an array of USE_INFO_1 structures.<ul style="list-style-type: none">• ui1_local set to Connection.local• ui1_remote set to Connection.remote• ui1_password set to NULL• ui1_status set to Connection.status• ui1_asg_type set to Connection.asgtype• ui1_refcount set to Connection.refcount• ui1_usecount set to Connection.useCount• If the Level member is 2, the server MUST return the information about the connection by filling the USE_INFO_2_CONTAINER (section 2.2.5.27) structure in the Buffer field of the InfoStruct parameter as follows. USE_INFO_2_CONTAINER contains an array of USE_INFO_2 structures.<ul style="list-style-type: none">• ui2_local set to Connection.local• ui2_remote set to Connection.remote• ui2_password set to NULL• ui2_status set to Connection.status• ui2_asg_type set to Connection.asgtype• ui2_refcount set to Connection.refcount• ui2_usecount set to Connection.useCount• ui2_domainname set to Connection.domain• If the Level member is 3, the server MUST return the information about the connection by filling the USE_INFO_3_CONTAINER structure in the Buffer field of the InfoStruct parameter as follows. USE_INFO_3_CONTAINER contains an array of USE_INFO_3 structures.<ul style="list-style-type: none">• ui2_local set to Connection.local• ui2_remote set to Connection.remote• ui2_password set to NULL

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	<ul style="list-style-type: none"> • ui2_status set to Connection.status • ui2_asg_type set to Connection.asgtype • ui2_refcount set to Connection.refcount • ui2_usecount set to Connection.useCount • ui2_domainname set to Connection.domain • ui2_flag set to 0 <p>The server MUST invoke the event to end the client impersonation ([MS-RPCE] section 3.3.3.4.3.3).</p> <p>Changed to:</p> <p>...</p> <p>The server MUST fill the return structures as follows:</p> <ul style="list-style-type: none"> • If the Level member is 0, the server MUST return the information about the connection by filling the USE_INFO_0_CONTAINER (section 2.2.5.25) structure in the Buffer field of the InfoStruct parameter as follows. USE_INFO_0_CONTAINER contains an array of USE_INFO_0 structures. <ul style="list-style-type: none"> • ui0_local set to Connection.local • ui0_remote set to Connection.Remote • If the Level member is 1, the server MUST return the information about the connection by filling the USE_INFO_1_CONTAINER (section 2.2.5.26) structure in the Buffer field of the InfoStruct parameter as follows. USE_INFO_1_CONTAINER contains an array of USE_INFO_1 structures. <ul style="list-style-type: none"> • ui1_local set to Connection.local • ui1_remote set to Connection.remote • ui1_password set to NULL • ui1_status set to Connection.status • ui1_asg_type set to Connection.asgtype • ui1_refcount set to Connection.refcount • ui1_usecount set to Connection.usecount • If the Level member is 2 or 3, the server MUST return the information about the connection by filling the USE_INFO_2_CONTAINER (section 2.2.5.27) structure in the Buffer field of the InfoStruct parameter as follows. USE_INFO_2_CONTAINER contains an array of USE_INFO_2 structures. <ul style="list-style-type: none"> • ui2_local set to Connection.local • ui2_remote set to Connection.remote • ui2_password set to NULL • ui2_status set to Connection.status • ui2_asg_type set to Connection.asgtype • ui2_refcount set to Connection.refcount • ui2_usecount set to Connection.usecount • ui2_username set to Connection.username • ui2_domainname set to Connection.domain <p>The server MUST invoke the event to end the client impersonation ([MS-RPCE] section 3.3.3.4.3.3).</p>				
2018/11/12	<p>In Section 3.2.4.13, NetrJoinDomain2 (Opnum 22), changed from:</p> <table border="1" data-bbox="516 1759 1414 1864"> <thead> <tr> <th data-bbox="516 1759 971 1812">Value/code</th> <th data-bbox="971 1759 1414 1812">Meaning</th> </tr> </thead> <tbody> <tr> <td data-bbox="516 1812 971 1864">...</td> <td data-bbox="971 1812 1414 1864">...</td> </tr> </tbody> </table>	Value/code	Meaning
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	NETSETUP_INSTALL_INVOCATION 0x00040000	Indicates that the protocol method was invoked during installation												
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<p><121> Section 3.2.4.13: Windows NT, Windows 2000, Windows XP, Windows Server 2003, and Windows Server 2003 R2 do not implement this option.</p>														
<p>In Section 3.2.4.13.3, Domain Join Specific Message Processing, changed from:</p>														
<p>The following statements define the sequence of message-processing operations:</p> <ol style="list-style-type: none"> 1. If the NETSETUP_MACHINE_PWD_PASSED bit is set in Options, and the NETSETUP_JOIN_UNSECURE bit is not set in Options, the server MUST return ERROR_INVALID_PARAMETER. Otherwise, message processing continues. 														

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	<p>2. If the NETSETUP_MACHINE_PWD_PASSED bit is set in Options, and AccountName is not NULL, the server MUST return ERROR_INVALID_PARAMETER. Otherwise, message processing continues.</p> <p>3. If the NETSETUP_MACHINE_PWD_PASSED bit is set in Options, and either Password is NULL or the length of the PasswordString is zero, the server MUST return ERROR_PASSWORD_RESTRICTION. Otherwise, message processing continues.</p> <p>4. If the NETSETUP_MACHINE_PWD_PASSED bit is set in Options, the value of PasswordString MUST be copied to the value of ComputerPasswordString, and PasswordString MUST be set to NULL.</p> <p>5. If the server processing the message is already joined to a domain, and the NETSETUP_DOMAIN_JOIN_IF_JOINED bit is not set in Options, the server MUST return NERR_SetupAlreadyJoined. Otherwise, message processing continues.</p> <p>...</p> <p>6. If DomainNameString contains the character "\",...</p> <p>The specified domain controller MUST be validated by invoking the DsrGetDcNameEx2 method ([MS-NRPC] section 3.5.4.3.1) on the DomainControllerString computer, specifying the following parameters:</p> <p>...</p> <ul style="list-style-type: none"> • Flags = B J R <p>...</p> <p>If the call fails, or the returned domain controller name does not match DomainControllerString, the server MUST invoke the DsrGetDcNameEx2 method ([MS-NRPC] section 3.5.4.3.1) on the DomainControllerString computer, specifying the following parameters:</p> <p>...</p> <ul style="list-style-type: none"> • Flags = B J S <p>...</p> <p>29. The following LDAP attributes...</p> <p>Changed to:</p> <p>The following statements define the sequence of message-processing operations:</p> <p>1. If the NETSETUP_MACHINE_PWD_PASSED bit is set in Options, and the NETSETUP_JOIN_UNSECURE bit is not set in Options, the server MUST return ERROR_INVALID_PARAMETER. Otherwise, message processing continues.</p> <p>2. If the NETSETUP_MACHINE_PWD_PASSED bit is set in Options, and AccountName is not NULL, the server MUST return ERROR_INVALID_PARAMETER. Otherwise, message processing continues.</p> <p>3. If the NETSETUP_MACHINE_PWD_PASSED bit is set in Options, and either Password is NULL or the length of the PasswordString is zero, the server MUST return ERROR_PASSWORD_RESTRICTION. Otherwise, message processing continues.</p> <p>4. If the NETSETUP_MACHINE_PWD_PASSED bit is set in Options, the value of PasswordString MUST be copied to the value of ComputerPasswordString, and PasswordString MUST be set to NULL.</p> <p>5. If the NETSETUP_JOIN_READONLY bit is set in Options, and NETSETUP_MACHINE_PWD_PASSED bit is not set in Options, the server MUST return ERROR_INVALID_PARAMETER. Otherwise, message processing continues.</p> <p>6. If the NETSETUP_JOIN_READONLY bit is set in Options, and the NETSETUP_ACCT_CREATE bit is set in Options, the server MUST return ERROR_INVALID_PARAMETER. Otherwise, message processing continues.</p>

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	<p>7. If the NETSETUP_JOIN_READONLY bit is set in Options, the server MUST perform all subsequent message processing as if NETSETUP_DEFER_SPN_SET and NETSETUP_JOIN_UNSECURE bits are set in Options.</p> <p>8. If the server processing the message is already joined to a domain, and the NETSETUP_DOMAIN_JOIN_IF_JOINED bit is not set in Options, the server MUST return NERR_SetupAlreadyJoined. Otherwise, message processing continues....</p> <p>9. If DomainNameString contains the character "\",...</p> <p>The specified domain controller MUST be validated by invoking the DsrGetDcNameEx2 method ([MS-NRPC] section 3.5.4.3.1) on the DomainControllerString computer, specifying the following parameters:</p> <p>...</p> <ul style="list-style-type: none"> • Flags : if NETSETUP_JOIN_READONLY bit is set in Options, set Flags = (B R); otherwise set Flags to (B J R) <p>...</p> <p>If the call fails, or the returned domain controller name does not match DomainControllerString, the server MUST invoke the DsrGetDcNameEx2 method ([MS-NRPC] section 3.5.4.3.1) on the DomainControllerString computer, specifying the following parameters:</p> <p>...</p> <ul style="list-style-type: none"> • Flags : if NETSETUP_JOIN_READONLY bit is set in Options, set Flags = (B S); otherwise set Flags to (B J S) <p>...</p> <p>32. If the NETSETUP_JOIN_READONLY bit is not set in Options, the following LDAP attributes...</p>

*Date format: YYYY/MM/DD