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## Squid NTLM authentication configuration using ntlm\_auth

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**Q.** How do I configure squid for NTLM authentication?

**A.** You need to use squid ntlm\_auth helper tool. It o allow external access to Winbind's NTLM authentication function. ntlm\_auth uses winbind to access the user and authentication data for a domain.

[1]

## Make sure winbindd is working

winbindd is a daemon that provides a number of services to the Name Service Switch capability found in most modern C libraries, to arbitrary applications via PAM and ntlm\_auth and to Samba itself. If you are not sure about winbindd, refer to official Samba documentation for configuration.

## Configure squid for NTLM authentication

Open squid configuration file - squid.conf, enter:

```
# vi squid.conf
```

Append following configuration directive:

```
auth_param ntlm program /usr/lib/squid/ntlm_auth --helper-protocol=squid-2.5-ntlmssp
auth_param basic program /usr/lib/squid/ntlm_auth --helper-protocol=squid-2.5-basic
auth_param basic children 5
auth_param basic realm Squid proxy-caching web server
auth_param basic credentialsttl 2 hours
```

To setup ntlm\_auth for use by squid 2.5 with **group limitation**, add:

```
auth_param ntlm program /usr/lib/squid/ntlm_auth --helper-protocol=squid-2.5-ntlmssp --
require-membership-of="WORKGROUP\Domain Users"
auth_param basic program /usr/lib/squid/ntlm_auth --helper-protocol=squid-2.5-basic --
require-membership-of="WORKGROUP\Domain Users"
auth_param ntlm children 5
auth_param ntlm max_challenge_reuses 0
auth_param ntlm max_challenge_lifetime 2 minutes
```

OR You can also pass DOMAIN/PDC name:

```
auth_param ntlm program /usr/lib/squid/ntlm_auth DOMAINNAME/PDC
auth_param ntlm children 5
auth_param ntlm max_challenge_reuses 0
auth_param ntlm max_challenge_lifetime 2 minutes
```

Now add ACL configuration for ntlm\_auth helper

```
acl ntlm_users proxy_auth REQUIRED
http_access allow ntlm_users
http_access deny all
```

Save and close the file. Restart Squid:

```
# /etc/init.d/squid restart
```

For more information:

- Read ntlm\_auth man page

- [Samba winbindd - Use of Domain Accounts](#) [2]

Updated for accuracy.

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URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/faq/category/squid/>

[2] Samba winbindd - Use of Domain Accounts: <http://www.samba.org/samba/docs/man/Samba-HOWTO-Collection/winbind.html>

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