

# .htaccess Instructions:

## A quick introduction:

An .htaccess file is the way you **password-protect** a directory. You do that by specifying the **users** (a single person or several single persons) or **groups** (a section 1234) who are allowed to view the web pages and other files contained in this password-protected directory.

The users and groups you can allow to have access to your files are limited to those who have a MyMCC Portal account. If you do not have one, you need to sign up first.

In all variations of the file, the first option to edit is the '**AuthName**', and must be in the format <owner's username>\_<directory name>. So if I wanted to create a .htaccess file in my gardening folder I would edit this line to say:

**AuthName "tbrazda\_gardening"**

Next comes the server configuration part. The lines in each of the .htaccess files that read :

```
AuthType Basic
LDAP_server ldap.mc.maricopa.edu
LDAP_Port 389
Base_DN "o=Mesa Community College, c=US
UID_Attr uid
```

**DO NOT EDIT OR CHANGE. These are the configuration portions which tell the server where to look for the authorized user, how to search, what port, etc. If you change them, it will not work. They must be present on every .htaccess file.**

Now you get to decide who gets in:

```
require user jdoe (this can be a list of single users separated by spaces)
require valid-user (this is all users of the MyMCC Portal)
require group "cn=1234.20026,ou=Groups" (this is the section number, semester and term.)
```

Choose the option you wish to use and "comment-out" the ones you don't by using the #symbol.

## *To review:*

When not using any option in the template, add a pound symbol (#) to the beginning of the unneeded line which will cause the line to be ignored. Choose between ALL users, or a combination of single users and groups. Be sure to leave the required information fields alone.

## [.ht access instructions](#) – Frequently Asked Questions

### How to decide which type of .htaccess file do you need? There are three ways to allow access:

**1. Access by Username:** This option allows specific users access to the directory structure. A user is a single MyMCC Portal account as we discussed earlier. Each username is added to the line 'require user <username>' separated by a space.

Example: **require user jdoe** would need to be changed to:  
**require user tbrazda**

If there are more names than the line will hold, your text editor will wrap to the next line. Do NOT use a 'return' to go to the next line of usernames. A 'return' signals an end to the list, so any names after that will be ignored.

Example: **require user tbrazda akasian wharris jbaney**

You use this option when you wish to share access of your password-protected directory with those NOT able to be included in a **group**. Non-group users could be other faculty members or people who work in your department.

*Add a pound symbol (#) to the beginning of any line in the code that is not needed/used, which will cause that line to be ignored*

### EXAMPLE: Single User Instructions

```
AuthName "jdoe_bio100"                **edit this line
AuthType Basic                        do not touch
LDAP_Server ldap.mc.maricopa.edu      do not touch
LDAP_Port 389                         do not touch
Base_DN "o=Mesa Community College,c=US" do not touch
UID_Attr uid                          do not touch
##### Begin LDAP config #####

require user jdoe                    **edit this line
#
# special directive to allow anyone with an mymcc account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
# require group "cn=1234.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## [.ht access instructions](#) – Frequently Asked Questions

**2. Access By Group:** This option allows specific groups access to the directory structure. Each additional group name is added as a separate line. Group names consist of the class section, a period, the semester, and then the term..... (1234.20026)

**section=1234 semester = 2002**

**term=2 (spring) term=4 (summer I) term=5 (summer II) term=6 (fall)**

### [EXAMPLE of Single Group Instructions:](#)

<b>AuthName "jdoe_bio100"</b>	<b>**edit this line</b>
AuthType Basic	<b>do not touch</b>
LDAP_Server ldap.mc.maricopa.edu	<b>do not touch</b>
LDAP_Port 389	<b>do not touch</b>
Base_DN "o=Mesa Community College,c=US"	<b>do not touch</b>
UID_Attr uid	<b>do not touch</b>
##### Begin LDAP config #####	
# you can only use <b>one</b> of the following require directives comment out the others by putting a # sign before it	
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after it	
#require user <a href="#">jdoe</a>	<b>**edit this line or</b>
#	
# special directive to allow anyone with an mcc ldap account	
# require valid-user	<b>**edit this line or</b>
#	
# special directive to allow only users in a section there can be multiples of these one per line	
require group "cn= <a href="#">1234.20016</a> ,ou=Groups"	<b>**edit this line</b>
##### End ldap config #####	
#AuthUserFile /usr/local/passwdfile	<b>do not touch</b>

## **.ht access instructions – Frequently Asked Questions**

**3. Access By All Users Of MyMCC Portal:** This allows *all* MyMCC Portal user to access the directory structure through their username and password. If this option is used, both other option lines must be set to be ignored by using a pound symbol (#) as the first character in the option line.

### **EXAMPLE of ALL users of the MyMCC Portal Instructions:**

```
AuthName "jdoe_bio100"                **edit this line
AuthType Basic                        do not touch
LDAP_Server ldap.mc.maricopa.edu      do not touch
LDAP_Port 389                         do not touch
Base_DN "o=Mesa Community College,c=US" do not touch
UID_Attr uid                          do not touch
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after it
# require user jdoe
#
# special directive to allow anyone with an mcc ldap account
require valid-user                  **edit this line
#
# special directive to allow only users in a section there can be multiples of these one per line
# require group "cn=1234.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

#### **To review:**

The 'by username' and 'by group' options can be used together in their several combinations (see the option templates), but the 'all MYMCC Portal' method must be used by itself. When not using any option in the template, add a pound symbol (#) to the beginning of the unneeded line which will cause the line to be ignored.

#### **To use your .htaccess file:**

Your .htaccess file will need to be a plain text file and must **NOT** have a .txt file extension. Select the template or example you wish to use, finish your edits, then (' under the 'File' menu ) remember to SAVE AS → then change the 'Save as type:' to 'Text Only' name it **access** and click the 'Save' button. You will need to use an FTP program to copy this file to the desired directory on the server. Once it is in place on the server, you will need to change its name to .htaccess and remove the .txt file extension. Neither MAC or Windows will allow you to do these tasks while working on the file.

#### **To review:**

*Make sure there is no '.txt' extension . Be sure the name of your file is .htaccess (that is 'period' htaccess).*

The directory in which your file resides as well as all directories below the directory where you place this .htaccess file are now password-protected.

The following nine (9) templates can be copied and then edited to provide you with the level of access you desire.

## **.ht access instructions – Frequently Asked Questions**

### **Single User Instructions:**

```
# .htaccess for single user
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
require user jdoe
#
# special directive to allow anyone with an mcc ldap account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
# require group "cn=1234.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## **.ht access instructions – Frequently Asked Questions**

### **Single Group Instructions:**

```
# .htaccess for single group
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
#require user jdoe
#
# special directive to allow anyone with an mcc ldap account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
require group "cn=1234.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## **.ht access instructions – Frequently Asked Questions**

### **Single User / Single Group Instructions:**

```
# .htaccess for single user/single group
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
require user jdoe
#
# special directive to allow anyone with an mcc ldap account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
require group "cn=1234.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## **.ht access instructions – Frequently Asked Questions**

### **Single User / Multi Group Instructions:**

```
# .htaccess for single user/multigroup
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
require user jdoe
#
# special directive to allow anyone with an mcc ldap account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
require group "cn=1234.20016,ou=Groups"
require group "cn=2345.20016,ou=Groups"
require group "cn=3456.20016,ou=Groups"
require group "cn=4567.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## **.ht access instructions – Frequently Asked Questions**

### **Multi User Instructions:**

```
# .htaccess for multiuser
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
require user jdoe swrong jlow pdiddy
#
# special directive to allow anyone with an mcc ldap account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
# require group "cn=1234.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## **.ht access instructions – Frequently Asked Questions**

### **Multi Group Instructions:**

```
# .htaccess for multigroup
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
#require user jdoe
#
# special directive to allow anyone with an mcc ldap account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
require group "cn=1234.20016,ou=Groups"
require group "cn=2345.20016,ou=Groups"
require group "cn=3456.20016,ou=Groups"
require group "cn=4567.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## **.ht access instructions – Frequently Asked Questions**

### **Multi User / Single Group Instructions:**

```
# .htaccess for multiuser/single group
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
require user jdoe swrong jlow pdiddy
#
# special directive to allow anyone with an mcc ldap account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
require group "cn=1234.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## **.ht access instructions – Frequently Asked Questions**

### **Multi User / Multi Group Instructions:**

```
# .htaccess for multiuser/multigroup
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
require user jdoe swrong jlow pdiddy
#
# special directive to allow anyone with an mcc ldap account
# require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
require group "cn=1234.20016,ou=Groups"
require group "cn=2345.20016,ou=Groups"
require group "cn=3456.20016,ou=Groups"
require group "cn=4567.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```

## [.ht access instructions](#) – Frequently Asked Questions

### LDAP User Instructions:

```
# .htaccess for an ldap authenticated user
# a unique name for the protected directory
# should be in the form "<username>_directory"
AuthName "jdoe_bio100"
# The type of authentication, always 'Basic'
AuthType Basic
# the name of the ldap server, always 'ldap.mc.maricopa.edu'
LDAP_Server ldap.mc.maricopa.edu
# the port of the ldap server, always '389'
LDAP_Port 389
# where the search starts, always 'o=mesa community college,c=us'
Base_DN "o=Mesa Community College,c=US"
# the attribute in ldap to look for, always 'uid'
UID_Attr uid
##### Begin LDAP config #####
# you can only use one of the following require directives comment out the others by putting a # sign before it
# what users to look for, will always start with 'require user ' with a space separated list of mcc usernames after
it
# require user jdoe
#
# special directive to allow anyone with an mcc ldap account
require valid-user
#
# special directive to allow only users in a section there can be multiples of these one per line
# require group "cn=1234.20016,ou=Groups"
##### End ldap config #####
#AuthUserFile /usr/local/passwdfile
```