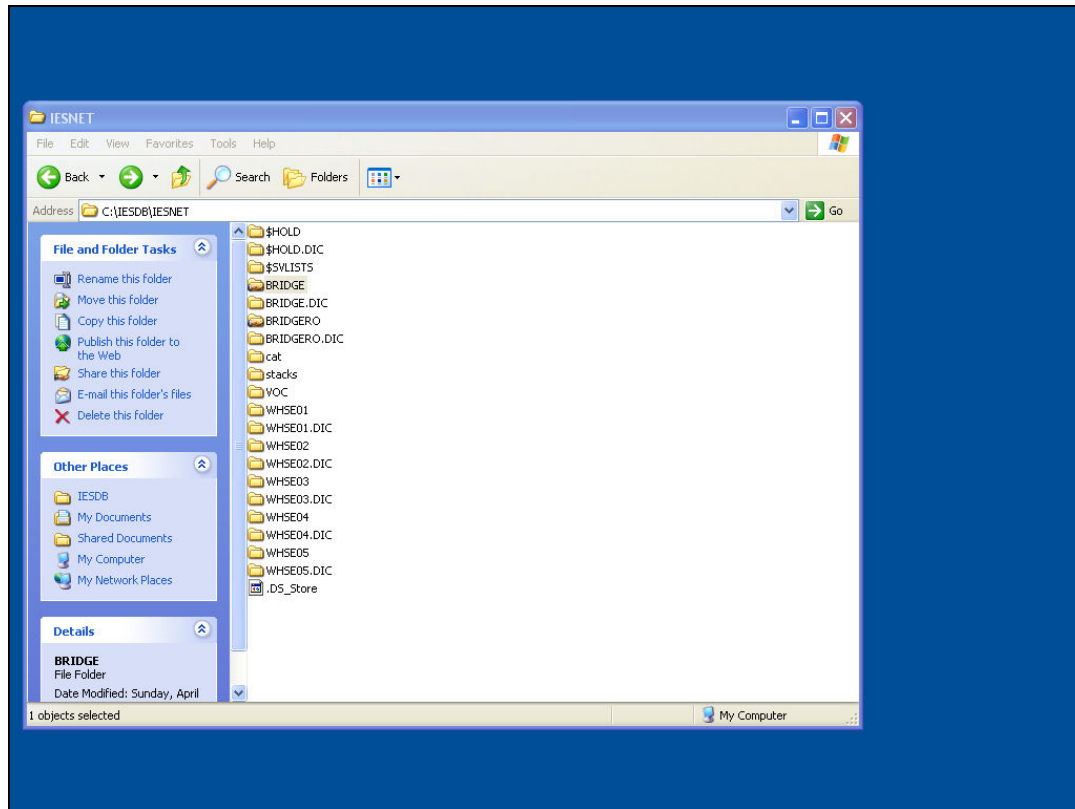




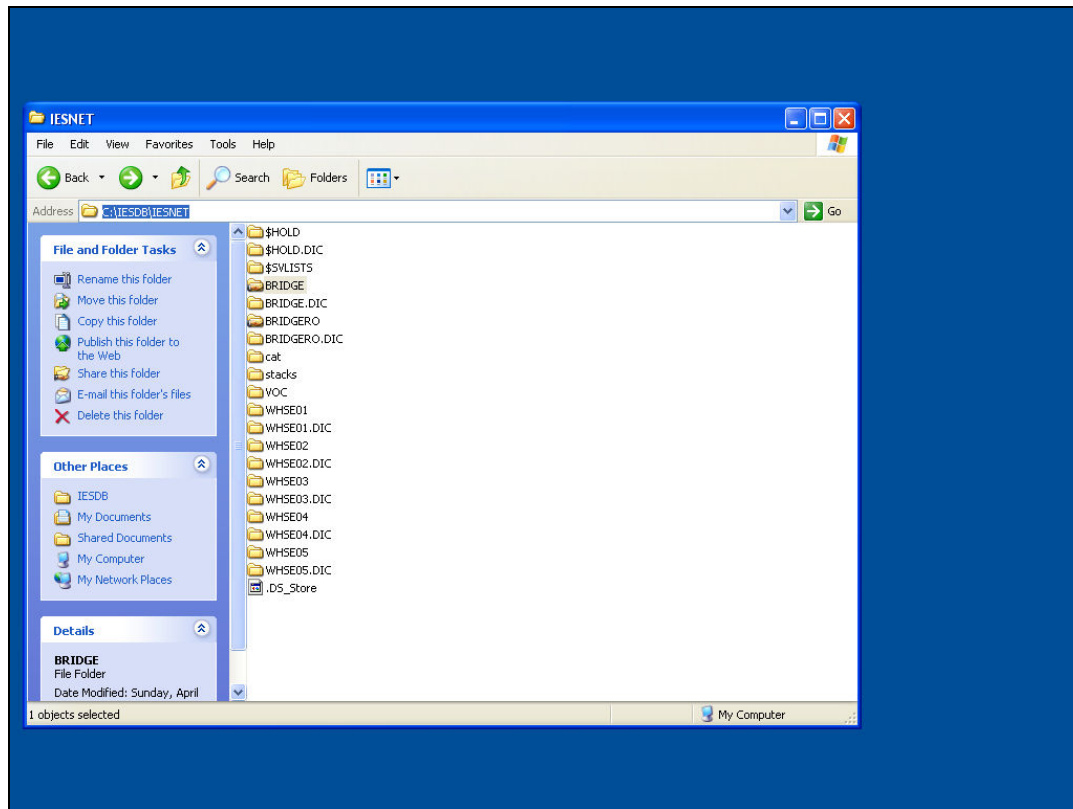
Slide 1

Slide notes: In this tutorial we will see how to register the secret password for Domain User "ieslogin" in IES. This can only be done after the IES Server is properly installed and in use. Should we choose to stop using the secure login and revert to "infolabc" for logins, then we can simply delete the "ieslogin" entry on the BRIDGE folder.



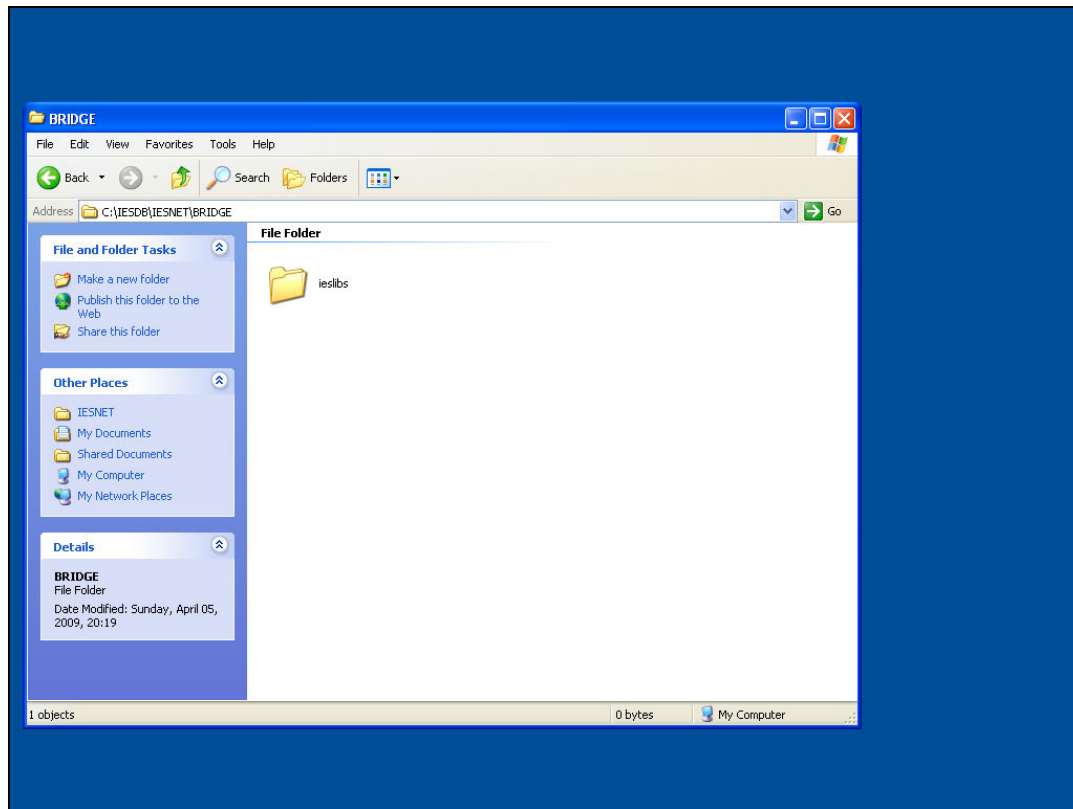
Slide 2

Slide notes: Let us first note that there is no "ieslogin" item on the BRIDGE folder yet. After we have installed our IES properly and it is already working, then the BRIDGE folder is fully shared, and therefore visible to all IES logins.



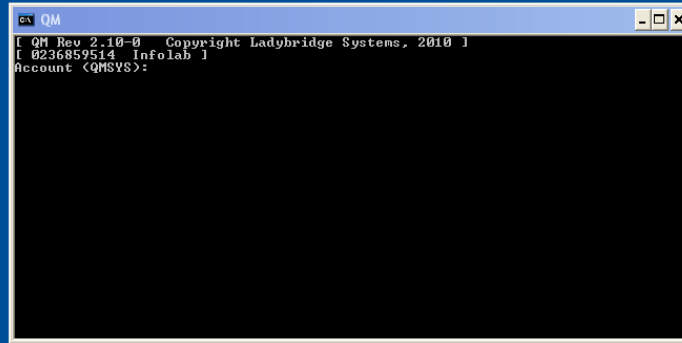
Slide 3

Slide notes:



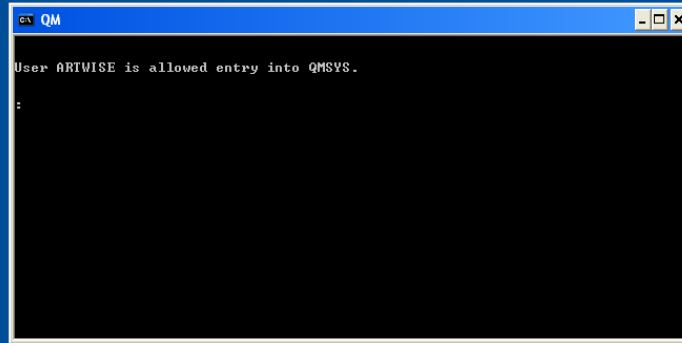
Slide 4

Slide notes: This is a newly installed BRIDGE folder with no additional items other than the required "ieslibs".



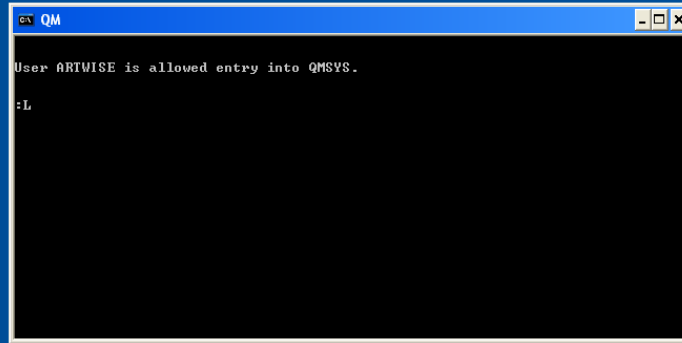
Slide 5

Slide notes: Next, we use a Console session or a Telnet session.



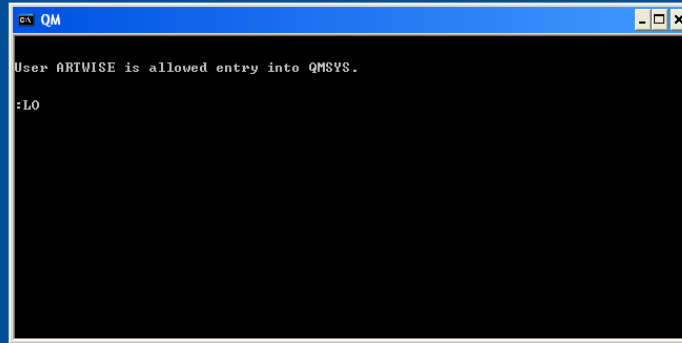
Slide 6

Slide notes:



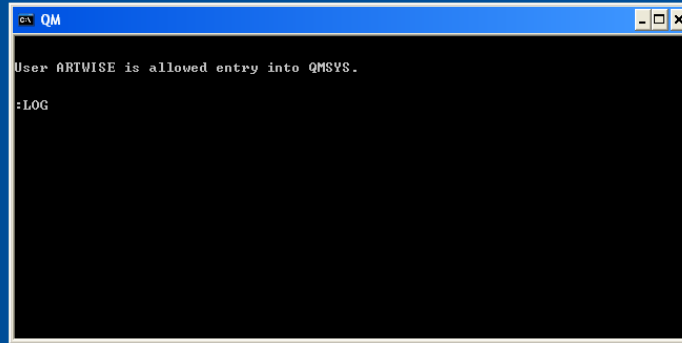
Slide 7

Slide notes: And we navigate to the INFOLAB datamart.



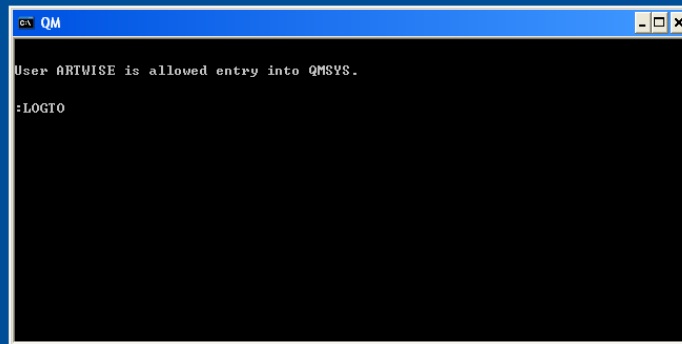
Slide 8

Slide notes:



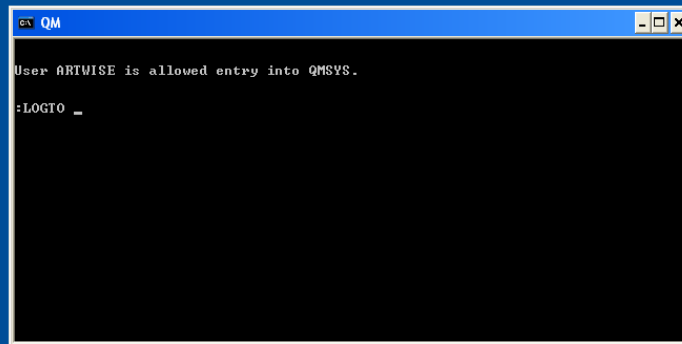
Slide 9

Slide notes:



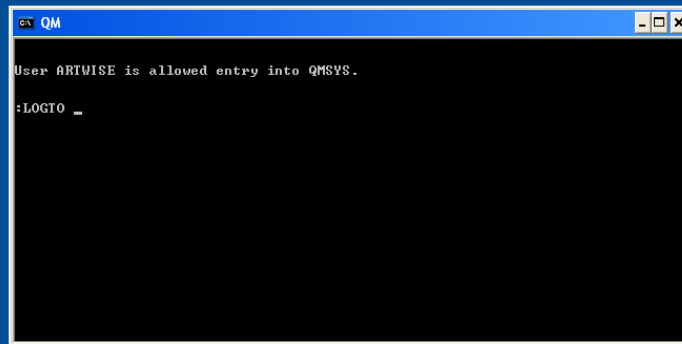
Slide 10

Slide notes:



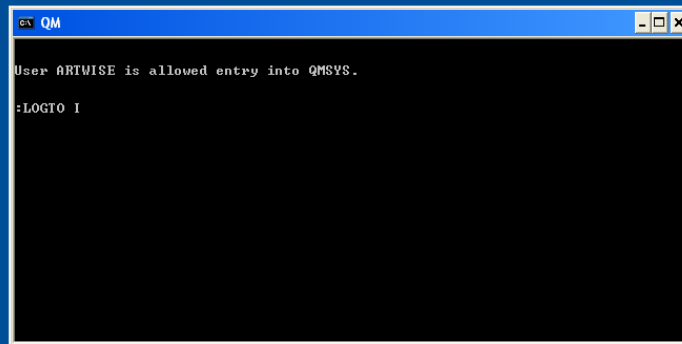
Slide 11

Slide notes:



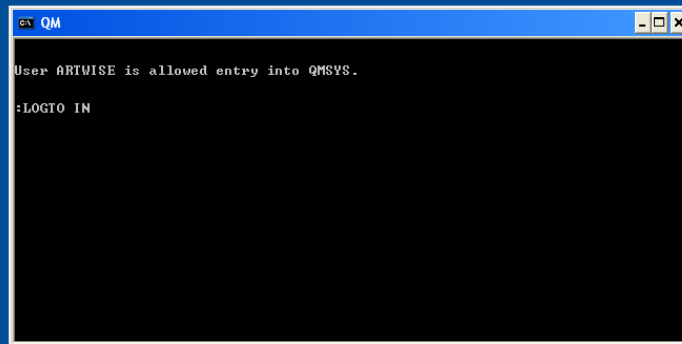
Slide 12

Slide notes:



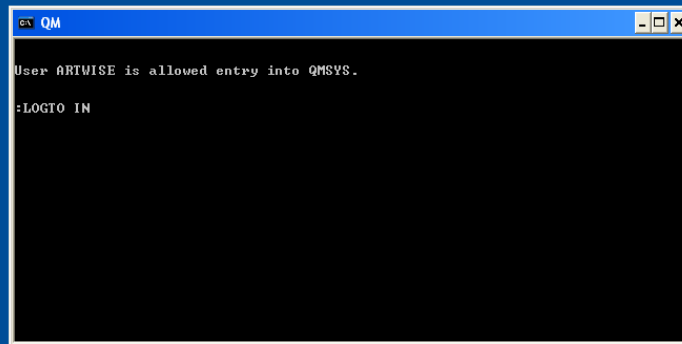
Slide 13

Slide notes:



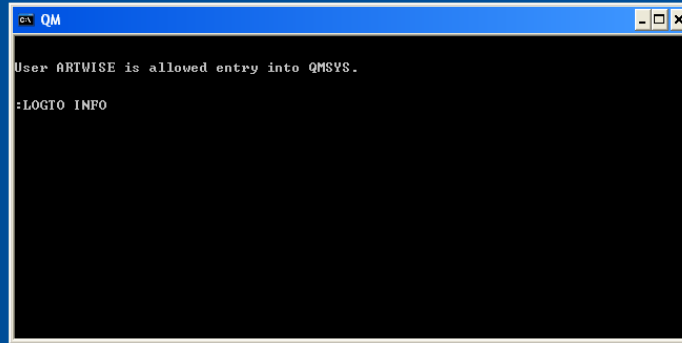
Slide 14

Slide notes:



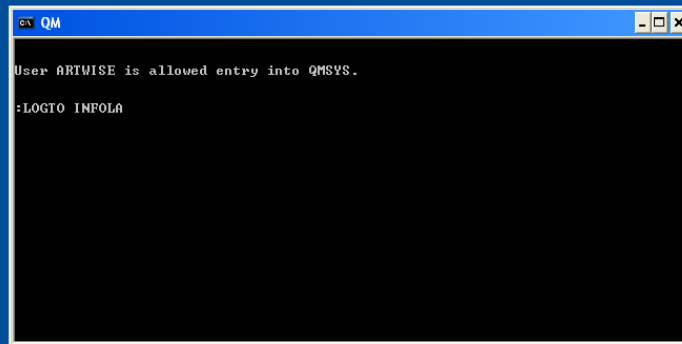
Slide 15

Slide notes:



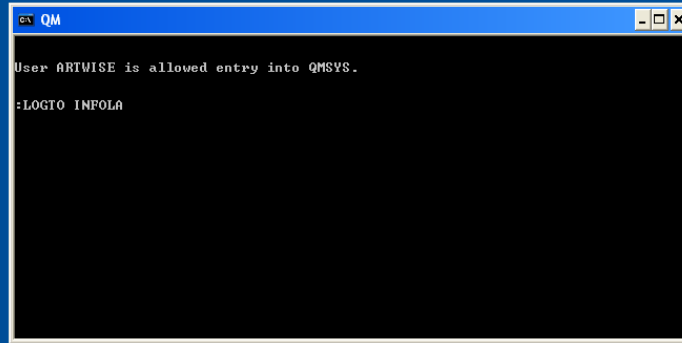
Slide 16

Slide notes:



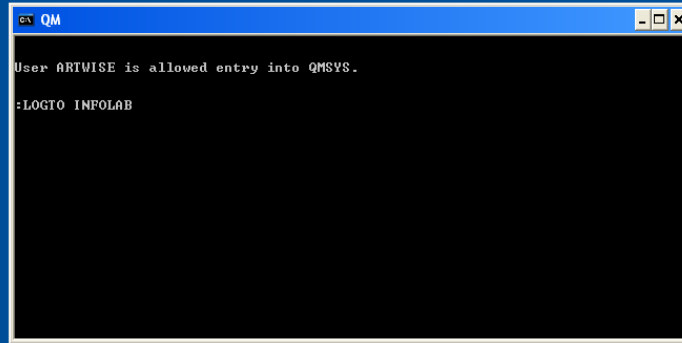
Slide 17

Slide notes:



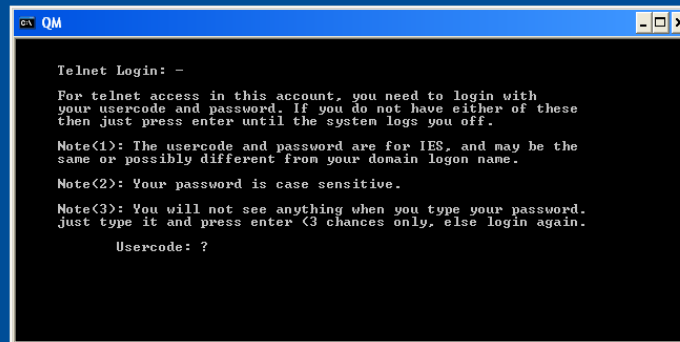
Slide 18

Slide notes:



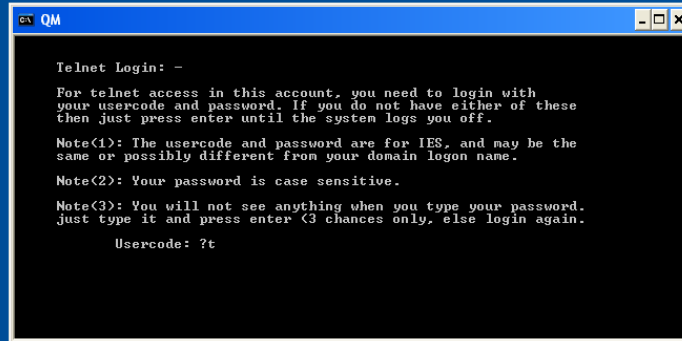
Slide 19

Slide notes:



Slide 20

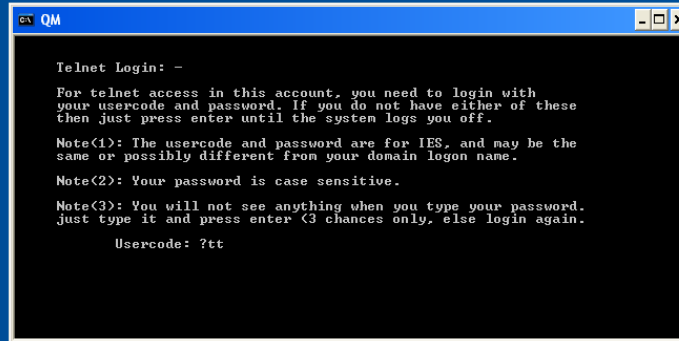
Slide notes: Here, we have to logon with an IES User Code and Password.



```
Telnet Login: -  
  
For telnet access in this account, you need to login with  
your usercode and password. If you do not have either of these  
then just press enter until the system logs you off.  
  
Note<1>: The usercode and password are for IES, and may be the  
same or possibly different from your domain logon name.  
  
Note<2>: Your password is case sensitive.  
  
Note<3>: You will not see anything when you type your password.  
just type it and press enter <3 chances only, else login again.  
  
Usercode: ?t
```

Slide 21

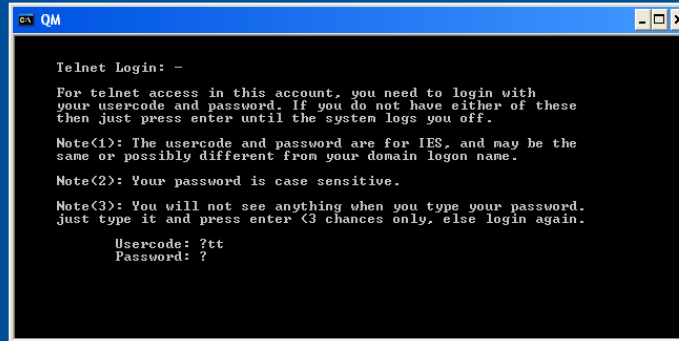
Slide notes:



```
Telnet Login: -  
  
For telnet access in this account, you need to login with  
your usercode and password. If you do not have either of these  
then just press enter until the system logs you off.  
  
Note<1>: The usercode and password are for IES, and may be the  
same or possibly different from your domain logon name.  
  
Note<2>: Your password is case sensitive.  
  
Note<3>: You will not see anything when you type your password.  
just type it and press enter <3 chances only, else login again.  
  
Usercode: ?tt
```

Slide 22

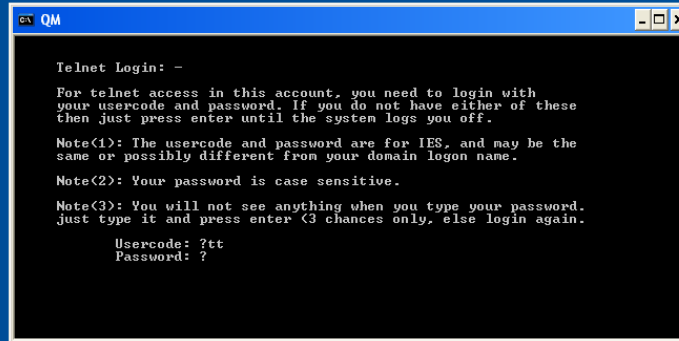
Slide notes:



```
Telnet Login: -  
  
For telnet access in this account, you need to login with  
your usercode and password. If you do not have either of these  
then just press enter until the system logs you off.  
  
Note(1): The usercode and password are for IES, and may be the  
same or possibly different from your domain logon name.  
  
Note(2): Your password is case sensitive.  
  
Note(3): You will not see anything when you type your password.  
just type it and press enter <3 chances only, else login again.  
  
Usercode: ?tt  
Password: ?
```

Slide 23

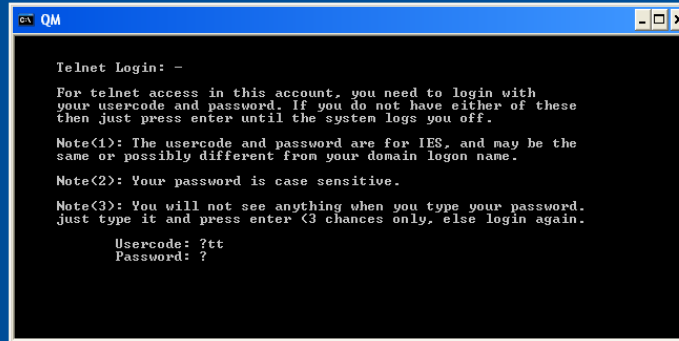
Slide notes:



```
Telnet Login: -  
  
For telnet access in this account, you need to login with  
your usercode and password. If you do not have either of these  
then just press enter until the system logs you off.  
  
Note(1): The usercode and password are for IES, and may be the  
same or possibly different from your domain logon name.  
  
Note(2): Your password is case sensitive.  
  
Note(3): You will not see anything when you type your password.  
just type it and press enter <3 chances only, else login again.  
  
Usercode: ?tt  
Password: ?
```

Slide 24

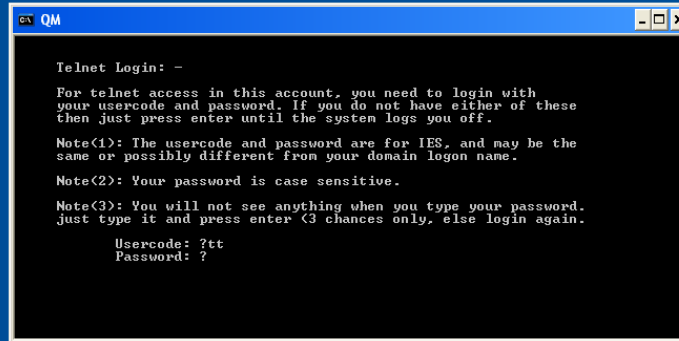
Slide notes:



```
Telnet Login: -  
  
For telnet access in this account, you need to login with  
your usercode and password. If you do not have either of these  
then just press enter until the system logs you off.  
  
Note(1): The usercode and password are for IES, and may be the  
same or possibly different from your domain logon name.  
  
Note(2): Your password is case sensitive.  
  
Note(3): You will not see anything when you type your password.  
just type it and press enter <3 chances only, else login again.  
  
Usercode: ?tt  
Password: ?
```

Slide 25

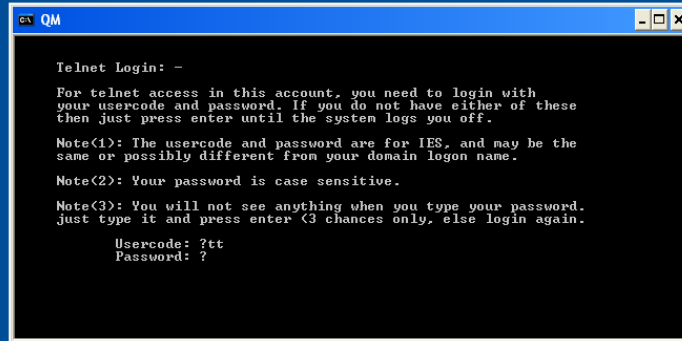
Slide notes:



```
Telnet Login: -  
  
For telnet access in this account, you need to login with  
your usercode and password. If you do not have either of these  
then just press enter until the system logs you off.  
  
Note(1): The usercode and password are for IES, and may be the  
same or possibly different from your domain logon name.  
  
Note(2): Your password is case sensitive.  
  
Note(3): You will not see anything when you type your password.  
just type it and press enter <3 chances only, else login again.  
  
Usercode: ?tt  
Password: ?
```

Slide 26

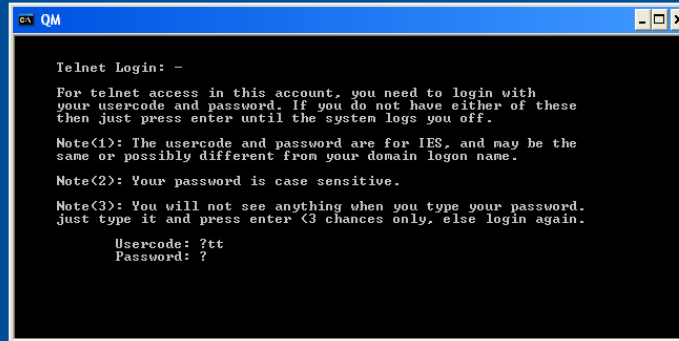
Slide notes:



```
Telnet Login: -  
  
For telnet access in this account, you need to login with  
your usercode and password. If you do not have either of these  
then just press enter until the system logs you off.  
  
Note(1): The usercode and password are for IES, and may be the  
same or possibly different from your domain logon name.  
  
Note(2): Your password is case sensitive.  
  
Note(3): You will not see anything when you type your password.  
just type it and press enter <3 chances only, else login again.  
  
Usercode: ?tt  
Password: ?
```

Slide 27

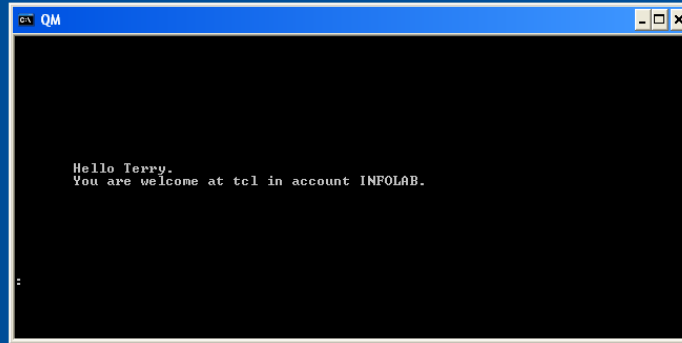
Slide notes:



```
Telnet Login: -  
  
For telnet access in this account, you need to login with  
your usercode and password. If you do not have either of these  
then just press enter until the system logs you off.  
  
Note(1): The usercode and password are for IES, and may be the  
same or possibly different from your domain logon name.  
  
Note(2): Your password is case sensitive.  
  
Note(3): You will not see anything when you type your password.  
just type it and press enter <3 chances only, else login again.  
  
Usercode: ?tt  
Password: ?
```

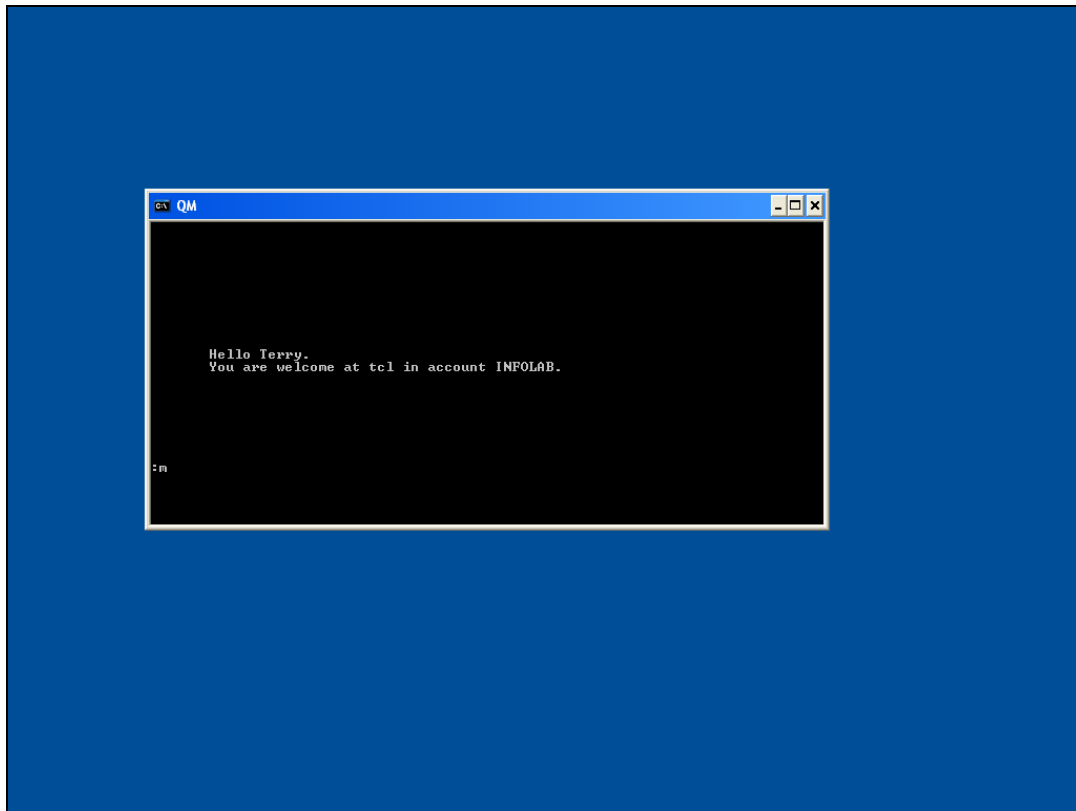
Slide 28

Slide notes:



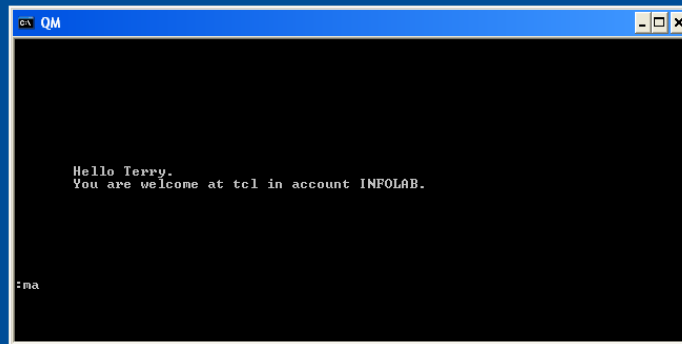
Slide 29

Slide notes:



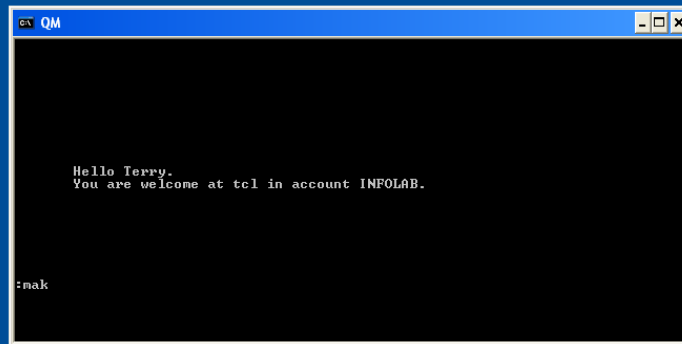
Slide 30

Slide notes: And then we issue the command: make.ies.logon



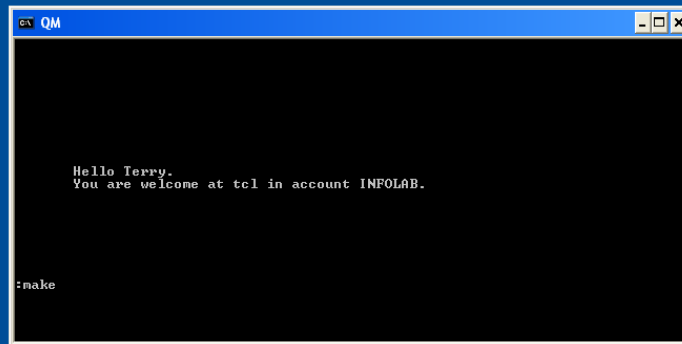
Slide 31

Slide notes:



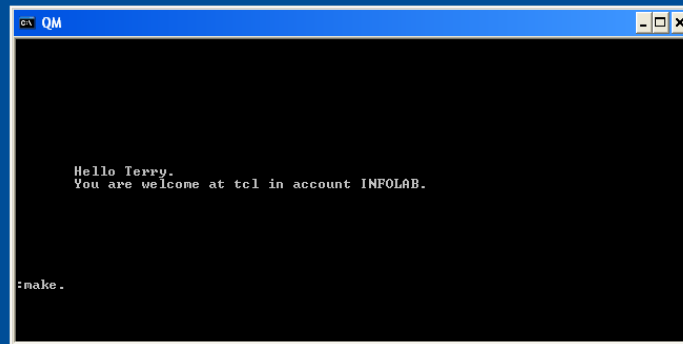
Slide 32

Slide notes:



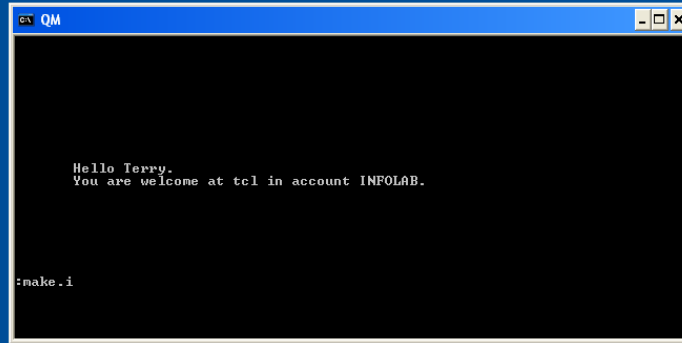
Slide 33

Slide notes:



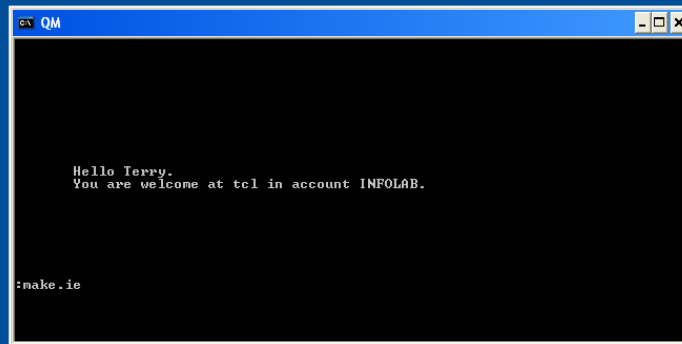
Slide 34

Slide notes:



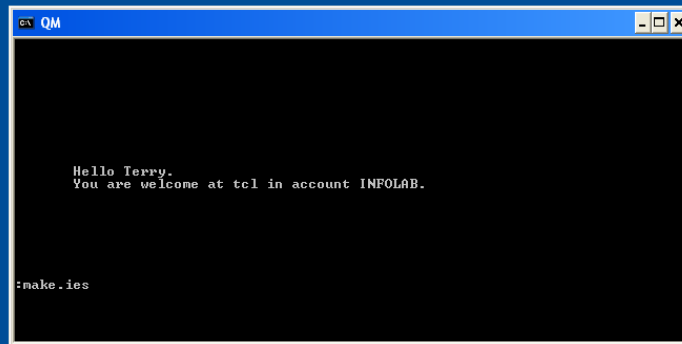
Slide 35

Slide notes:



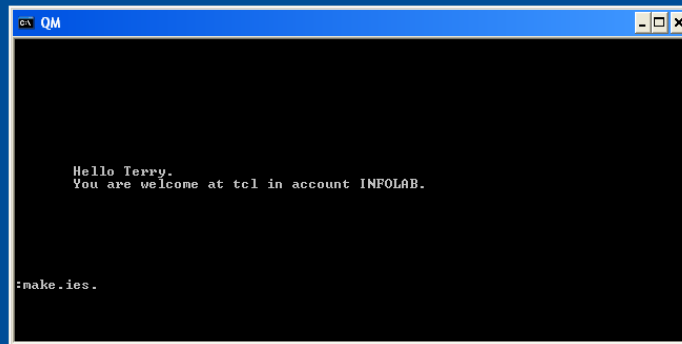
Slide 36

Slide notes:



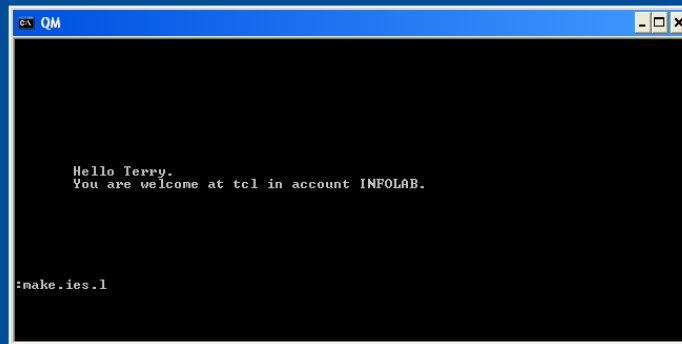
Slide 37

Slide notes:



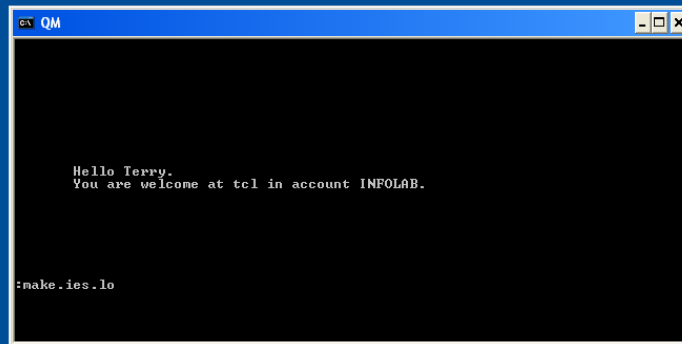
Slide 38

Slide notes:



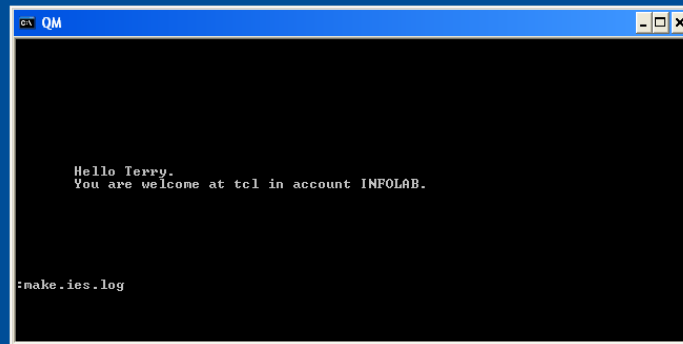
Slide 39

Slide notes:



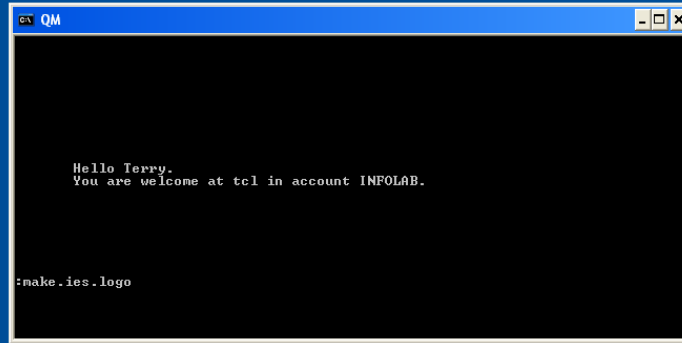
Slide 40

Slide notes:



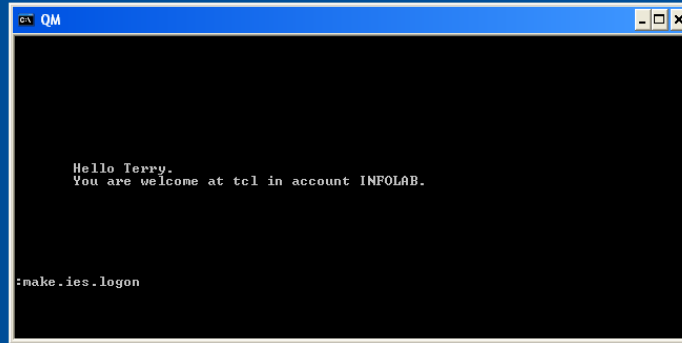
Slide 41

Slide notes:



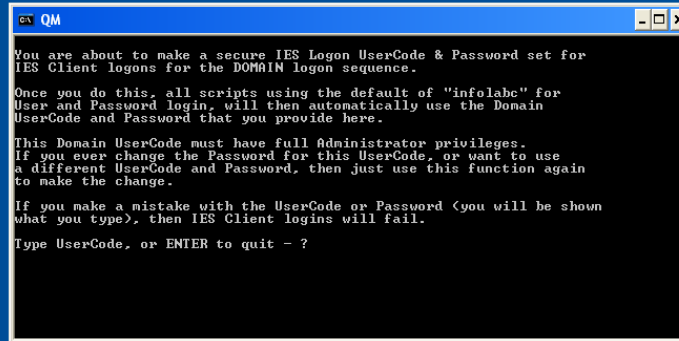
Slide 42

Slide notes:



Slide 43

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

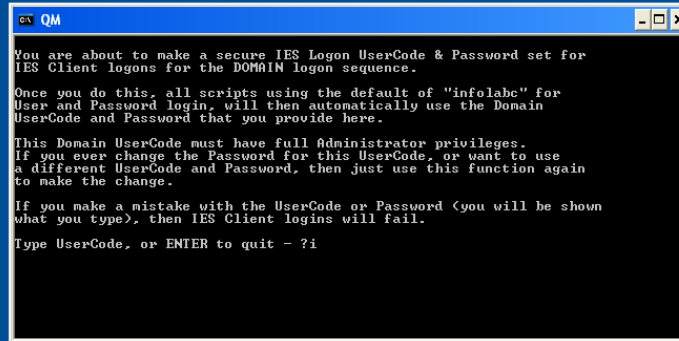
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?
```

Slide 44

Slide notes: The User Code to apply will be "ieslogin".



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

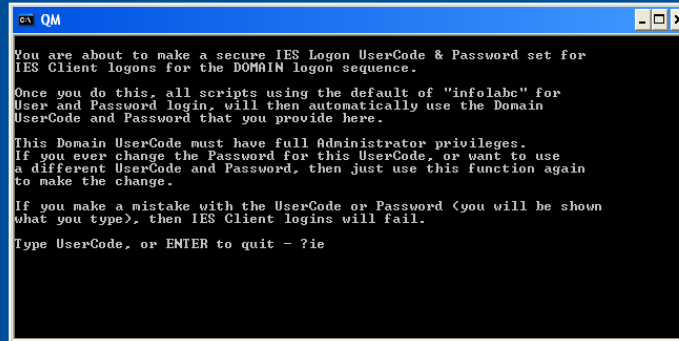
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?i
```

Slide 45

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

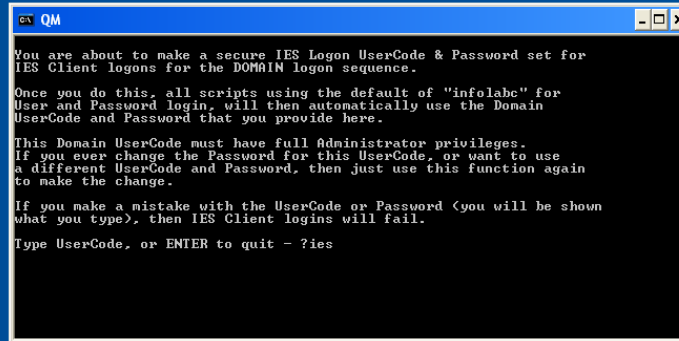
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ie
```

Slide 46

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

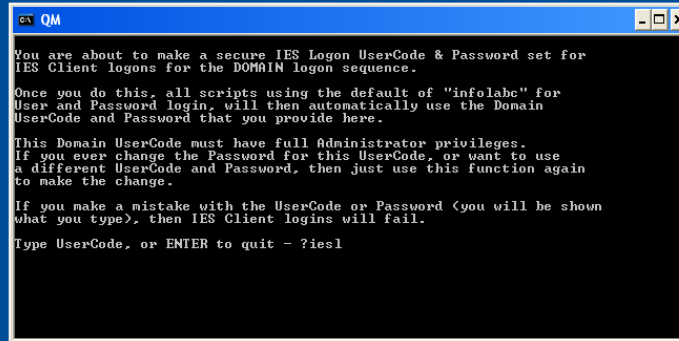
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ies
```

Slide 47

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

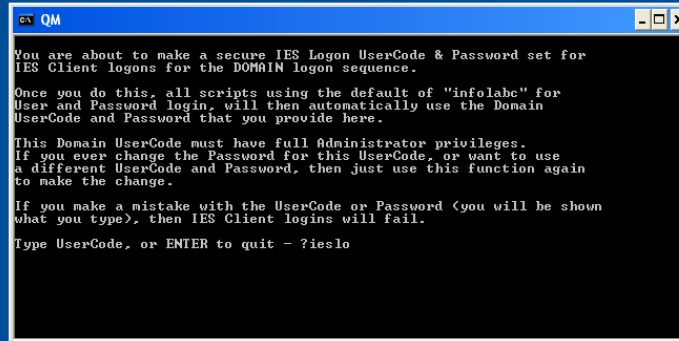
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ies1
```

Slide 48

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

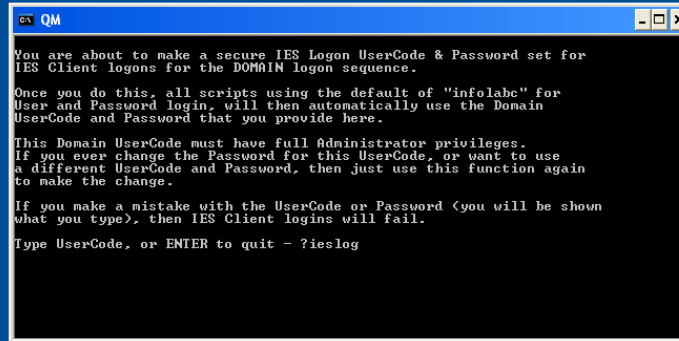
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslo
```

Slide 49

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

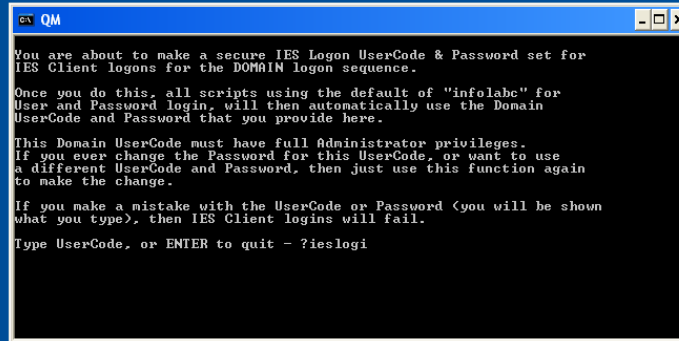
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslog
```

Slide 50

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

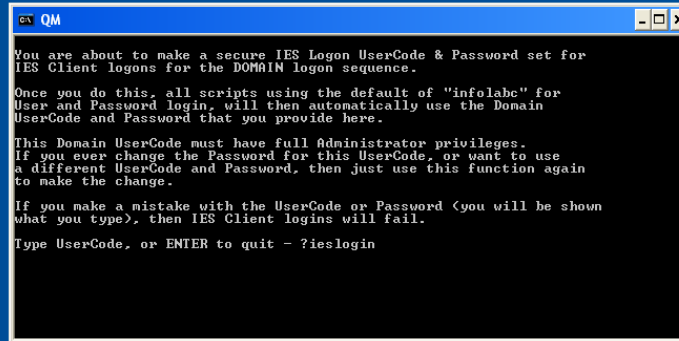
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogi
```

Slide 51

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

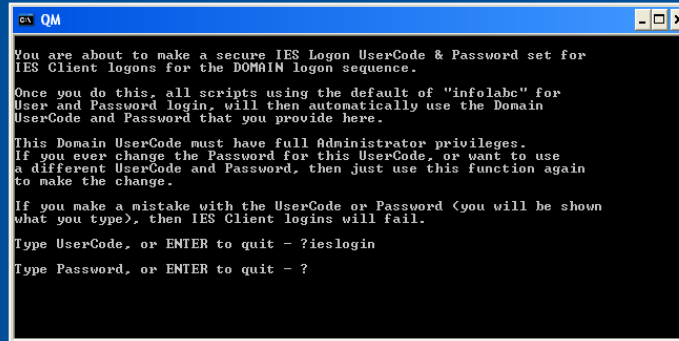
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
```

Slide 52

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

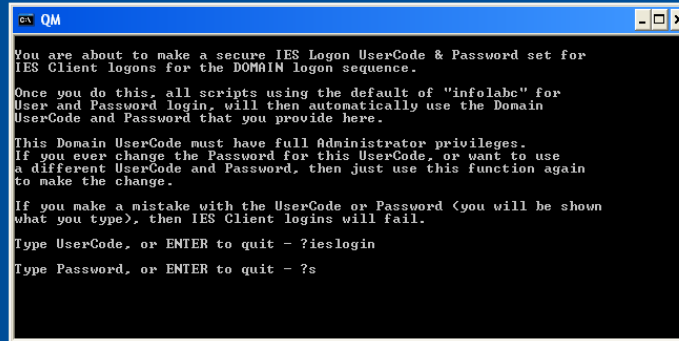
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?
```

Slide 53

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

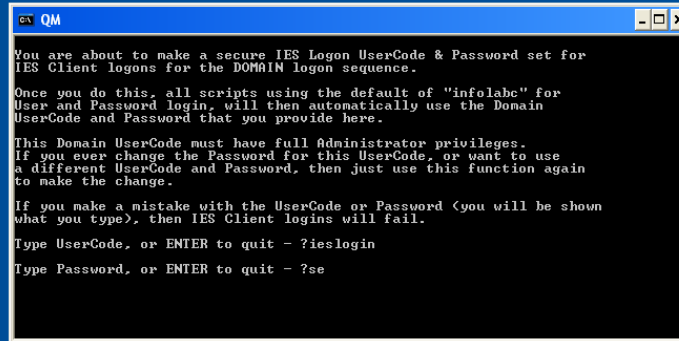
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?s
```

Slide 54

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

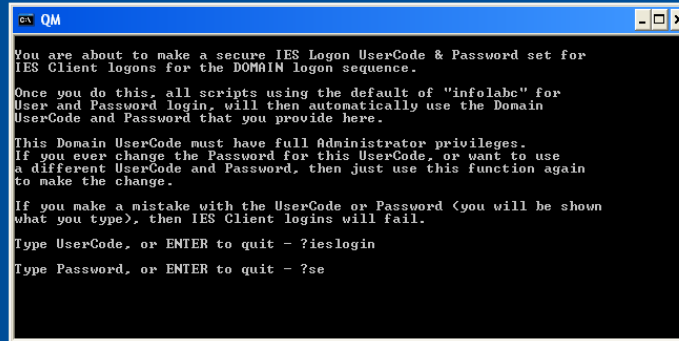
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?se
```

Slide 55

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

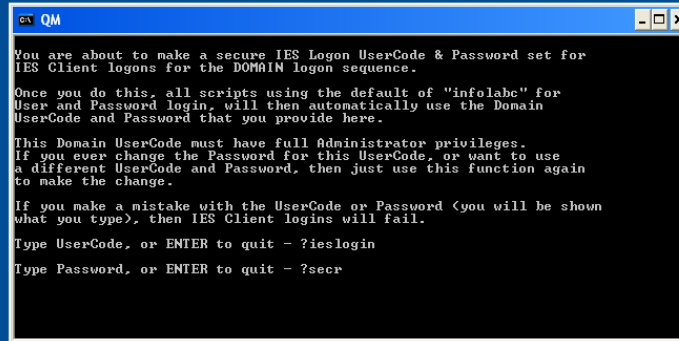
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?se
```

Slide 56

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

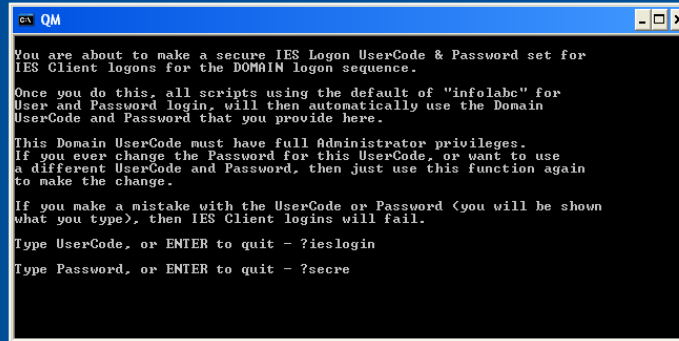
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secr
```

Slide 57

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN login sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

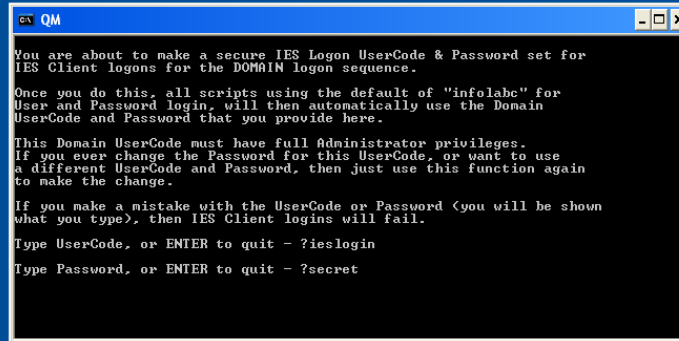
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secre
```

Slide 58

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

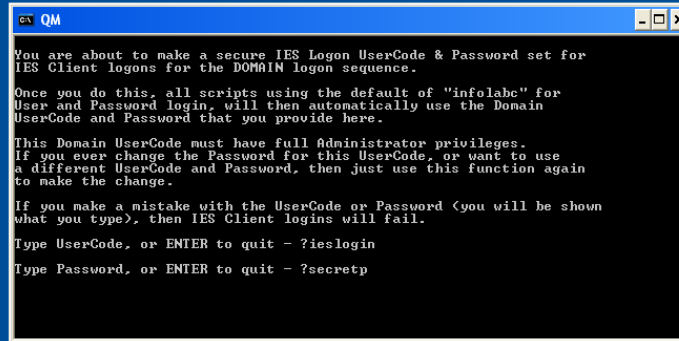
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secret
```

Slide 59

Slide notes: And the password will be the same as for the domain User "ieslogin" as specified in Windows.



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

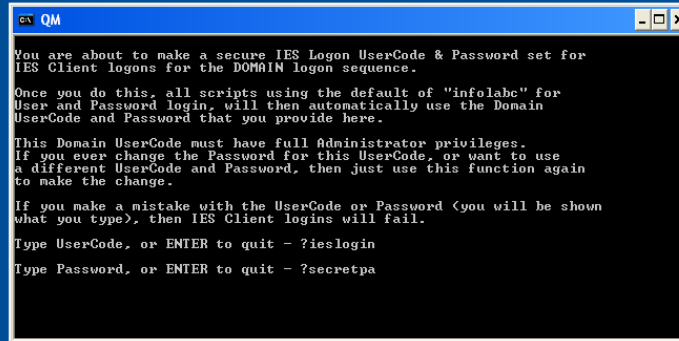
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secretp
```

Slide 60

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

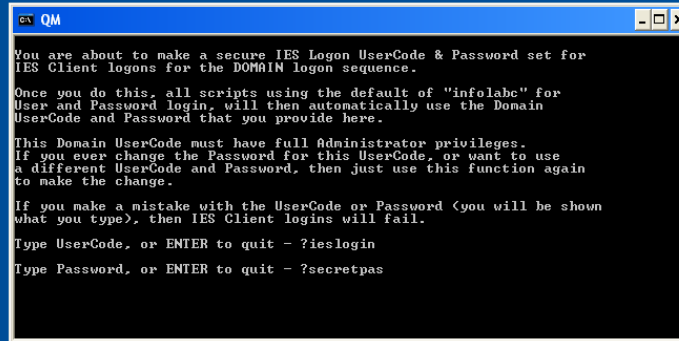
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secretpa
```

Slide 61

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

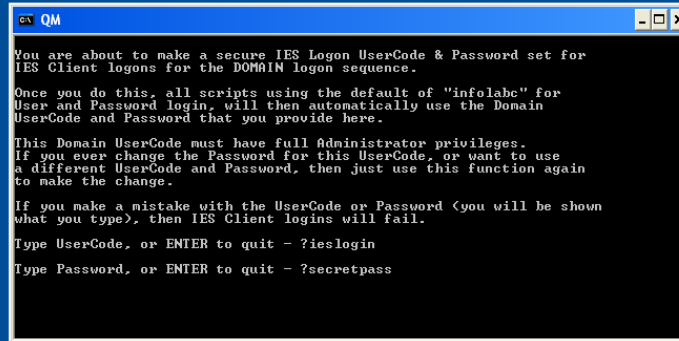
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secretpas
```

Slide 62

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

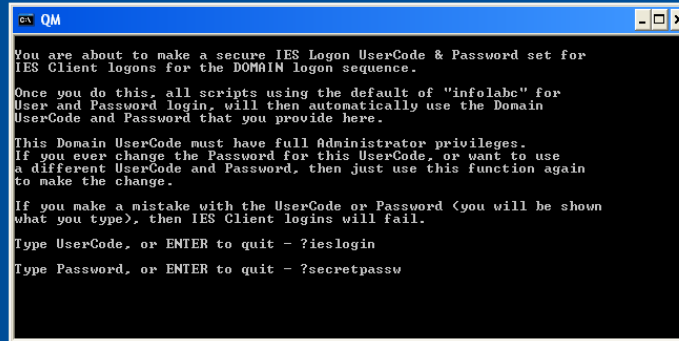
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secretpass
```

Slide 63

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

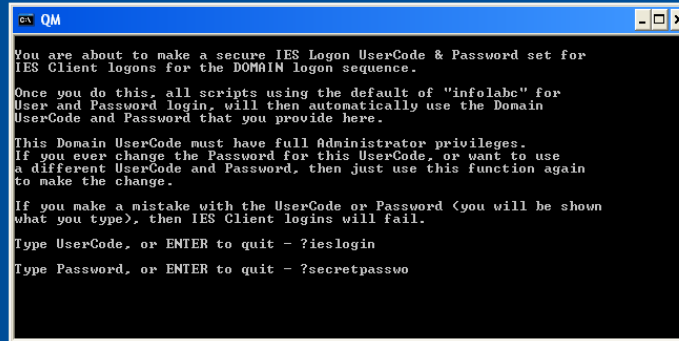
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secretpassw
```

Slide 64

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

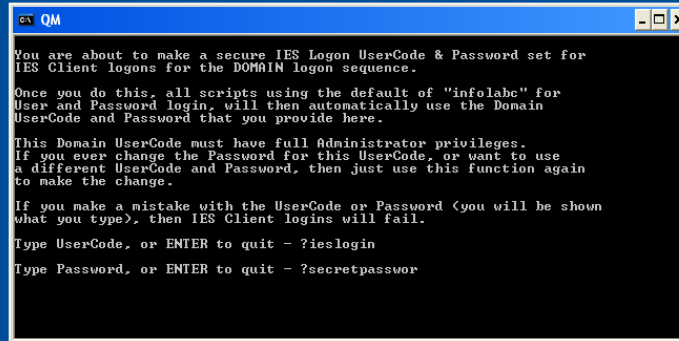
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secretpasswo
```

Slide 65

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

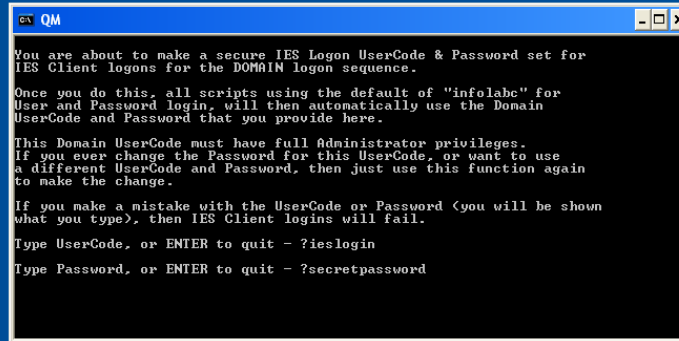
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secretpasswor
```

Slide 66

Slide notes:



```
QM
You are about to make a secure IES Logon UserCode & Password set for
IES Client logons for the DOMAIN logon sequence.

Once you do this, all scripts using the default of "infolabc" for
User and Password login, will then automatically use the Domain
UserCode and Password that you provide here.

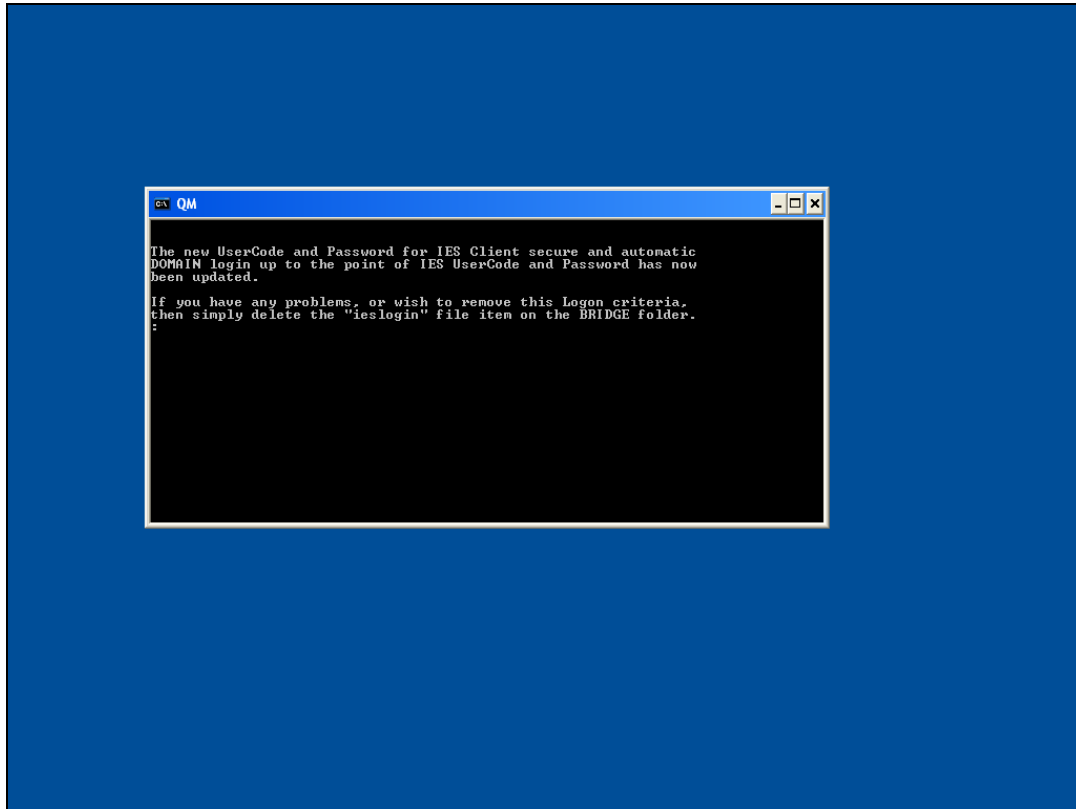
This Domain UserCode must have full Administrator privileges.
If you ever change the Password for this UserCode, or want to use
a different UserCode and Password, then just use this function again
to make the change.

If you make a mistake with the UserCode or Password (you will be shown
what you type), then IES Client logins will fail.

Type UserCode, or ENTER to quit - ?ieslogin
Type Password, or ENTER to quit - ?secretpassword
```

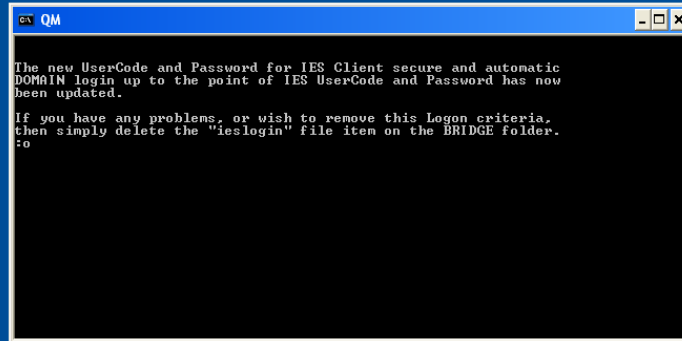
Slide 67

Slide notes:



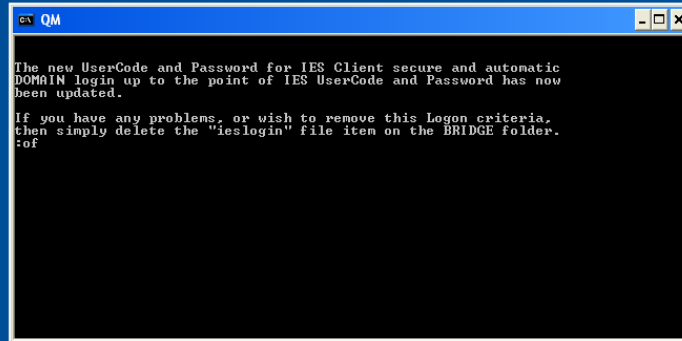
Slide 68

Slide notes: If we ever change the domain password for "ieslogin" in Windows, then we simply come here also and register the change in the same way as we have done now.



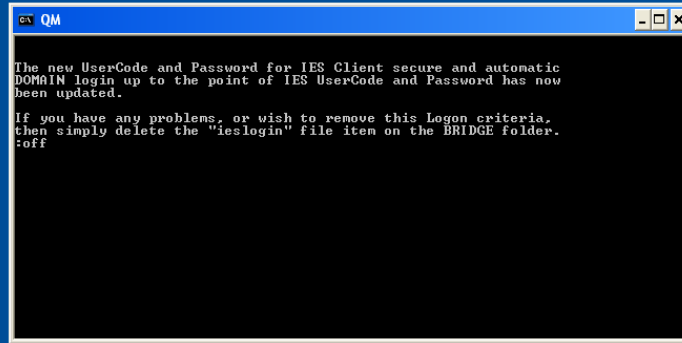
Slide 69

Slide notes:



Slide 70

Slide notes:



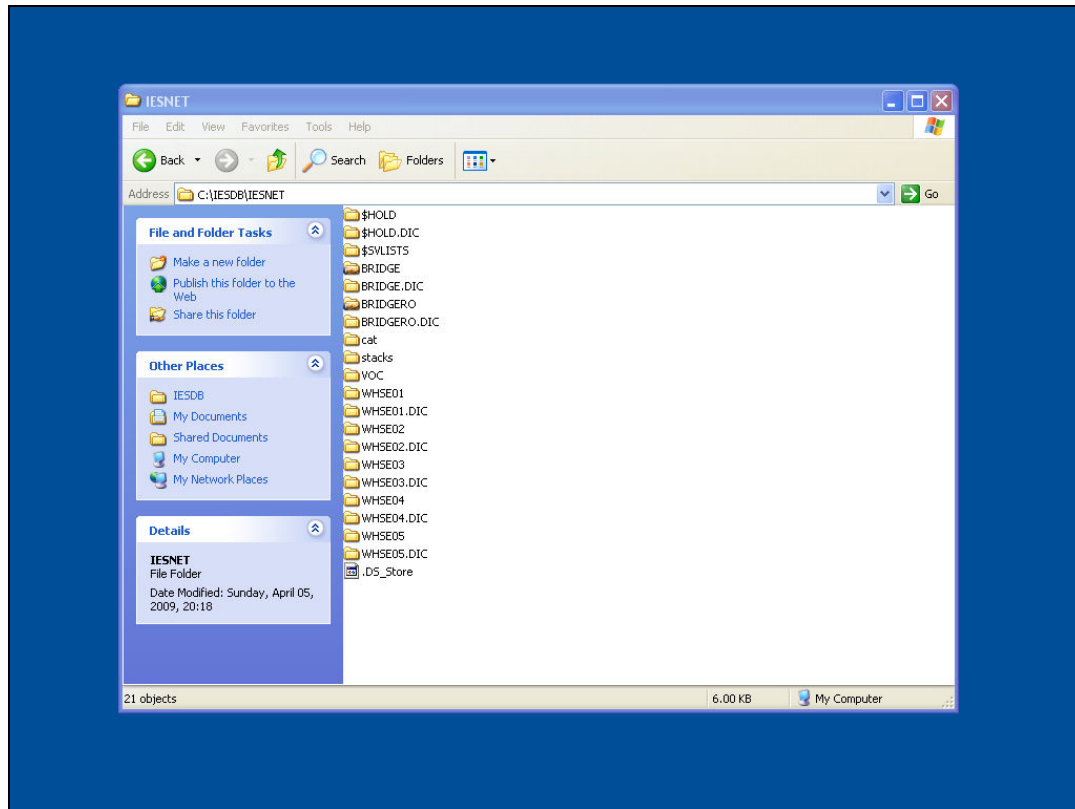
Slide 71

Slide notes:



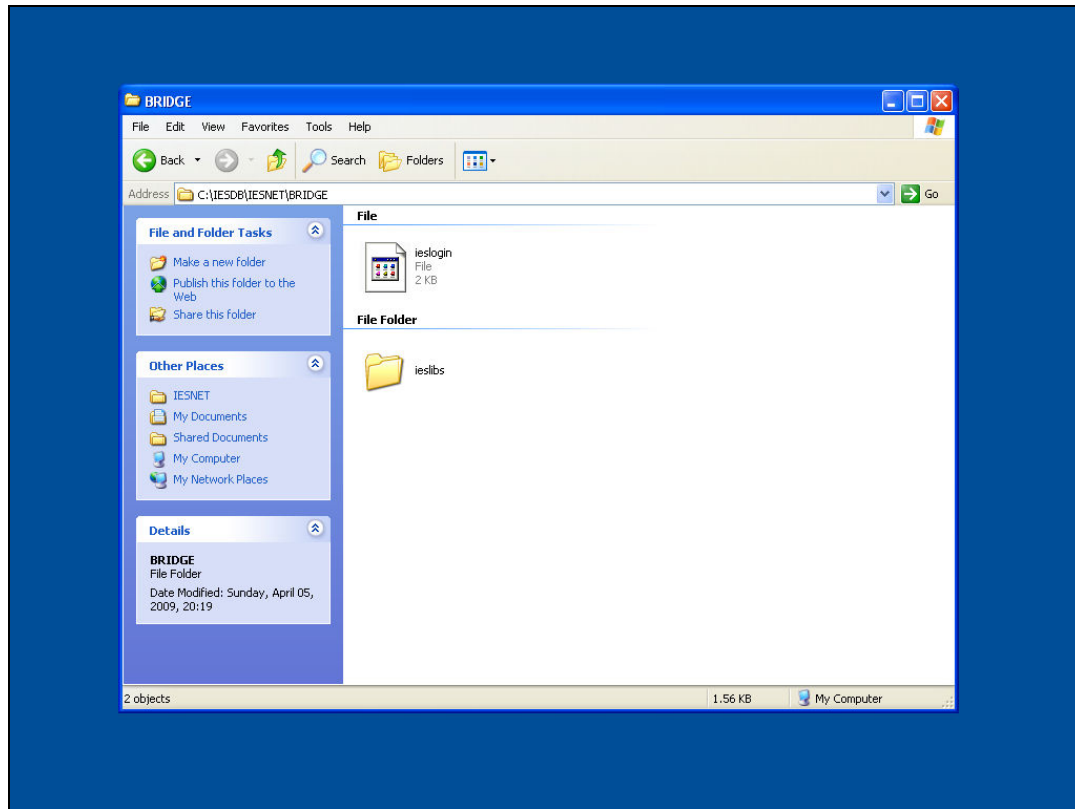
Slide 72

Slide notes:



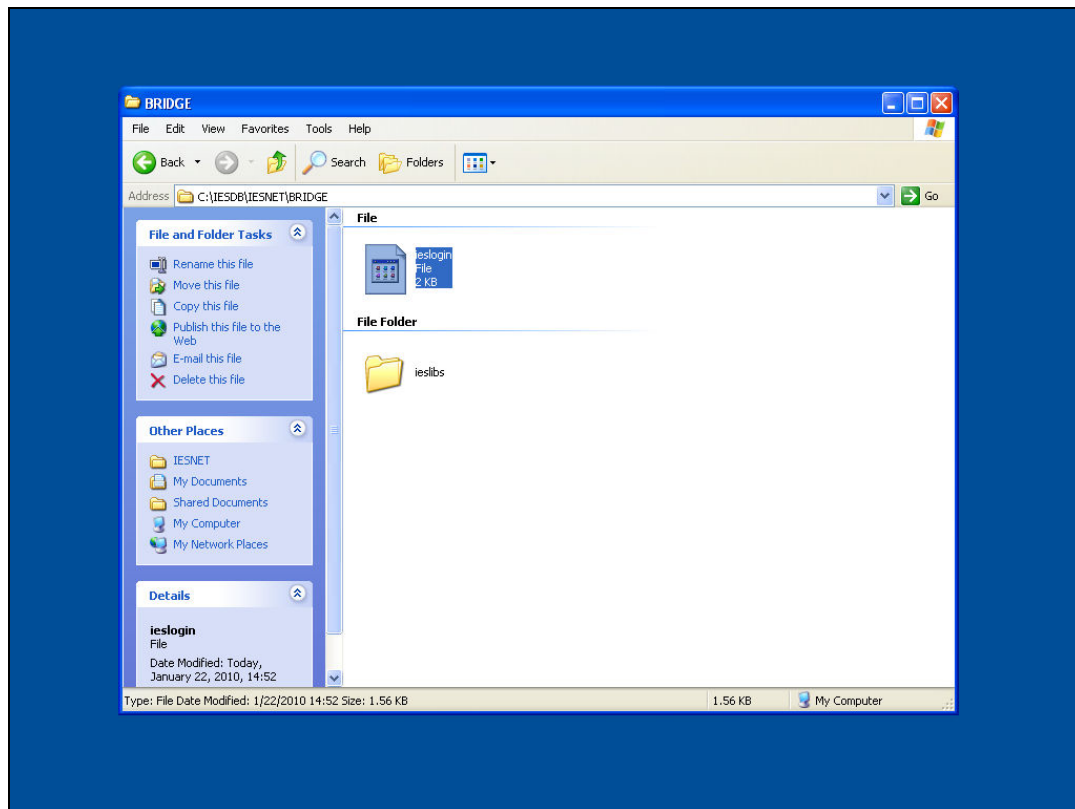
Slide 73

Slide notes: Now let us look at the BRIDGE folder again.



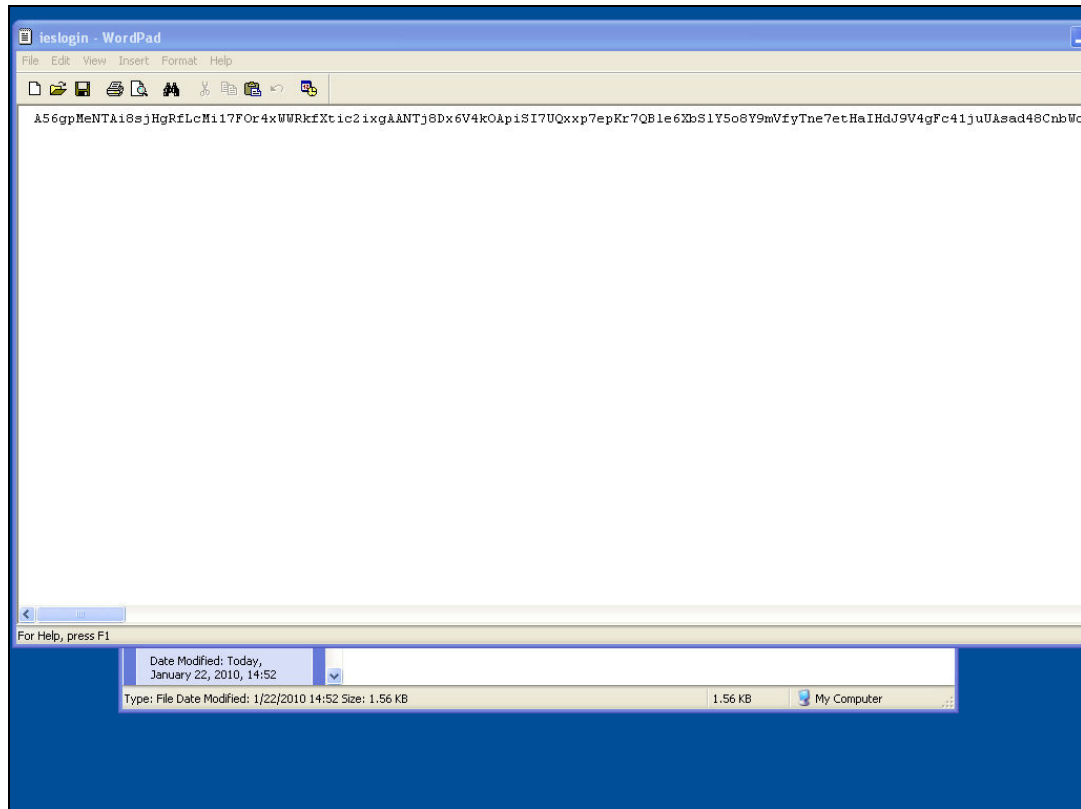
Slide 74

Slide notes: IES has created an item here called "ieslogin", and it contains the password that the IES logins will use for 1st level authentication.



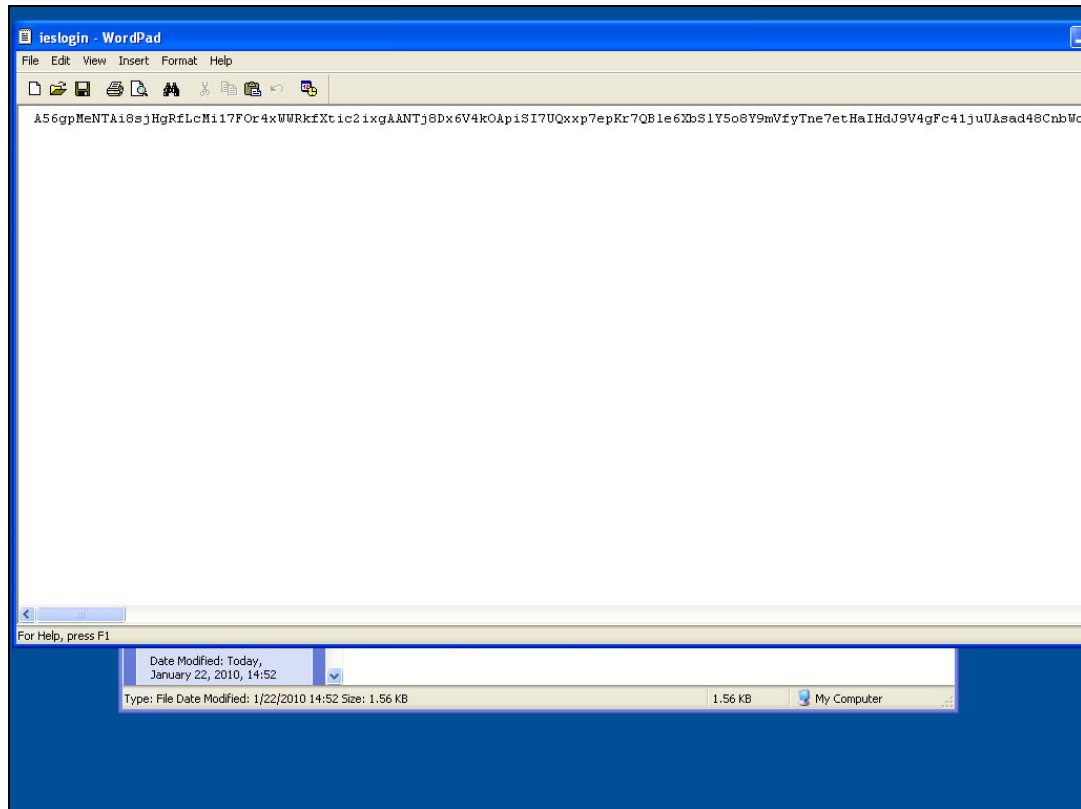
Slide 75

Slide notes:



Slide 76

Slide notes: Even if we open this item, we cannot find the password, because it is obfuscated, but it is visible to the IES login algorithm.



Slide 77

Slide notes: So that is how we can create a secure login set up for IES network connections.