This pdf shows retrieving a key from the class key server.

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Minnesota State Community and Technical College - Windows Internet Explorer

http://sweden.minnesota.edu/

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Moorhead Campus

Information Technology

This web page is a reference for students at Minnesota State Community and Technical College at Moorhead. Some links may not work off campus because of the campus firewall. Contact the webmaster with your questions.

Class Materials

Cisco 1

Cisco 2

Cisco 3

Cisco 4

Seminar Material

Key Server

Encryption Tutorial

Miscellaneous

The web site for the class key server is http://sweden.minnesota.edu

Please select Key Server to continue.

Done Internet | Protected Mode: On 100%

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OpenPGP Public Key Server Commands

Extract a Key from the Server

Submit a Key to the Server

Extracting a Key

Here is how to extract a key:

1. Select either the "Index" or "Verbose Index" check natures on displayed keys.
2. Type ID you want to search for in the "Search Stri
3. Press the "Do the search!" key.
4. The server will return a (verbose) list of keys on th lid argument to a pgp -kv(v) command. If you want to look up a k ID with "0x" .)
5. The returned index will have hypertext links for eve < marc@mit.edu >). Clicking on the hypertext link will display an ASCII-armored version of the listed public key.

Please select Extract a Key from the Server

Index: Verbose Index:

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Extracting a Key

Here is how to extract a key:

1. Select either the "Index" or "Verbose Index" check box. The "Verbose Index" option also displays all signatures on displayed keys.
2. Type ID you want to search for in the "Search String" box.
3. Press the "Do the search!" key.
4. The server will return a (verbose) list of keys on the server matching the given ID. (The ID can be any valid argument to a pgp -kv(v) command. If you want to look up a key by its hexadecimal KeyID, remember to prefix the ID with "0x" .)
5. The returned index will have hypertext links for every KeyID, and
   marc@mit.edu >). Clicking on the hypertext link will display an A

Please enter the name you wish to find in the search string box. The example is searching for all keys with the name preuss

Index: Verbose Index:

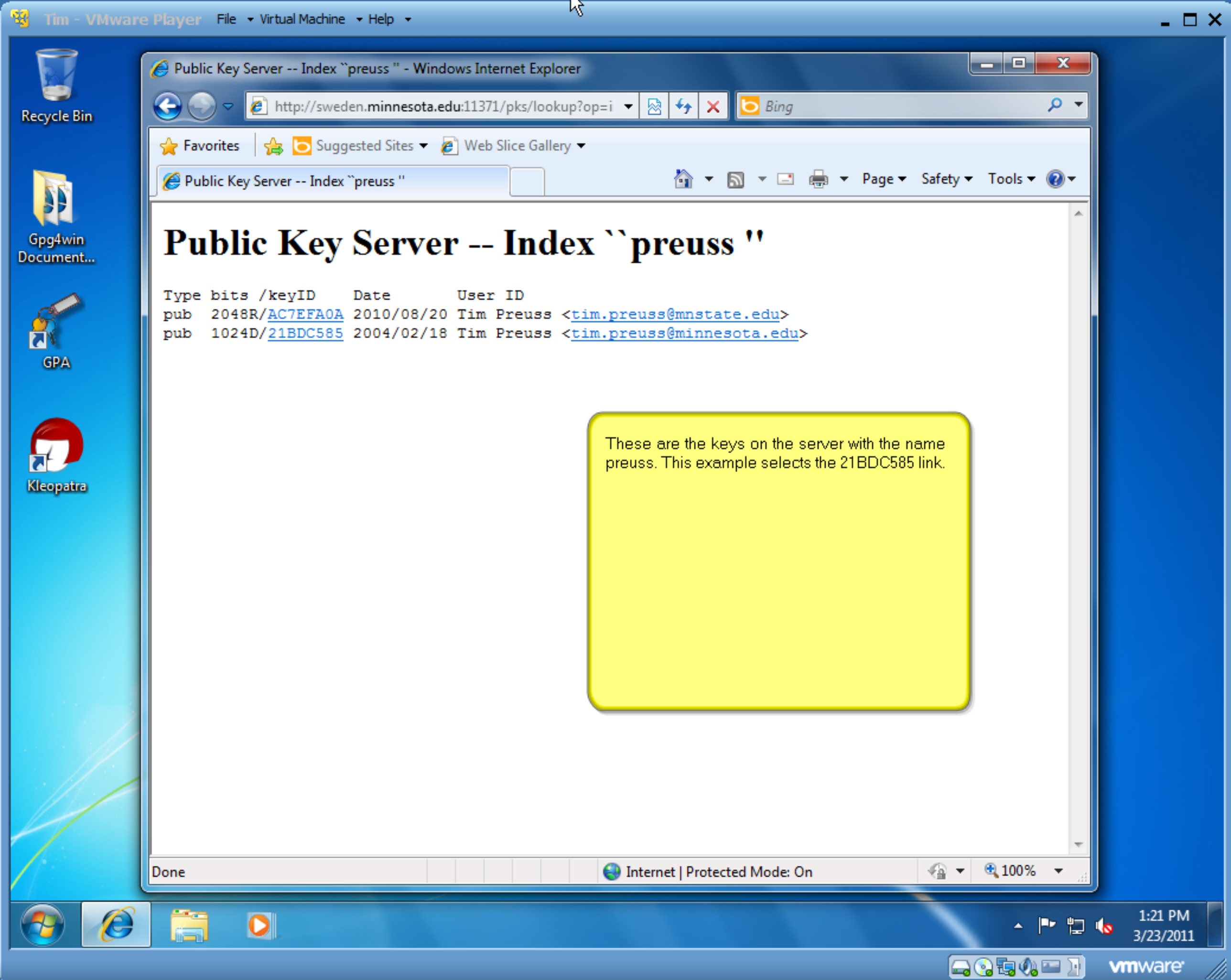
Search String: preuss

Show OpenPGP "fingerprints" for keys

Only return exact matches

Reset Do the search!

Extract caveats: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Public Key Server -- Index ``preuss '' - Windows Internet Explorer
http://sweden.minnesota.edu:11371/pks/lookup?op=i
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Public Key Server -- Index ``preuss ''
Page
Safety
Tools
Public Key Server -- Index ``preuss ''
Type bits /keyID Date User ID
pub 2048R/AC7EFA0A 2010/08/20 Tim Preuss <tim.preuss@mnstate.edu>
pub 1024D/21BDC585 2004/02/18 Tim Preuss <tim.preuss@minnesota.edu>
These are the keys on the server with the name preuss. This example selects the 21BDC585 link.
Done
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Public Key Server -- Get ``0x21BDC585 ''

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: PGP Key Server 0.9.6

mQGiBEAz9v0RBAD2Y6LvsenTq9JwBR3XB9S4rPSYhr0Zr1OFvqo9hGjRmeUAF6V+
rFNMOJTFKrCmkvgswCS2pqwKGv0zwQuBryxX+7c0yCU8LAvUAgxrzaSQUaLvRFMO
ZbnMfJ4/RvXHl1zktCZbkLQkdXM730n6nLjiQyTcyUXVr1wmuQLxpvA6mwCg/wJC
OV6FoHY9+mXjvljWkz09Ln8EAKW0W2Y2SayUuWXGFq+b3FeP6smnlg5SeH6yVZZ2
XAu39BSs0C+z5R2Jbz8bOPR93VO3VCkrS1DH7+ntZXVmrJWTgvezULKUxAs+QFih
VhkeuyiFDSpjZDm5iuOkz8IsFdqq2V+0NNV43Izv1IxyFvAJi7xcZ1o6W3M/P+Th
g0ELA/41qKgQPjC014ltj+U02EjJmIY99eEJVWNYQ1GofiNWu1Bb9XEnuZOqm360
OeKhQbvIq2lif3NAnDpx/FXglFx+w7onddBGHrDOU/mB3TBLPBO1dw206gWpSn47
fKY50+B6HxgCOM3rwrft40r2QBxrb4UyYMHcZD+d2bdttvbiyLQlVGltIFByZXVz
cyA8dGltLnByZXVzc0BtaW5uZXNvdGEuZWR1PohXBBARAgAXBQJAM/b9BwsJCAcD
AgoCGQEFGwMAAAACgkQlcCtWSG9xYW73ACgxMMPE1sCeb31HR57dkzLArT0qQEA
nRgYkK9C8Rl+/D1NWkxZD6ZWroPnuQINBEAz9v0QCAD2Qle3CH8IF3KiutapQvMF
6PlTETlPtvFuuUs4INoBp1ajFOmPQFXz0AfGy0OplK33TGSGSfgMg7116RfUodNQ
+PVZX9x2Uk89PY3bzpnhV5JZzf24rnRPxfx2vIPFRzBhznzJZv8V+bv9kV7HAarT
W56NoKVyOtQa8L9GAFgr5fSI/VhOSdvNILSd5JEHNmszbDgNRR0PfIizHHxbLY72
88kjwEPwpVsYjY67VYy4XTjTNP18F1dDox0YbN4zISy1Kv884bEpQBgRjXyEpwpy
1obEAxnIByl6ypUM2Zafq9AKUJsCRtMIPWakXUGfnHy9iUsiGSa6q6Jew1XpMgs7
AAICCACDd2kmm44oz6/udcQSnUqBFkIj77Q1ZfMgbQot70pUkQHF4E4Hwm7OJvYx
CTfikfxLACJEEg/bNLVwfH0xXf5K4xe4/MpyHESmroYJoIXgrIOcn+/5MLOm6DV/
1CQeVcoYy4ROYMo0MZNx8doHwLCll3B56TDAbAccMZEeIuHOSSZoBCjbqfLy31PH
8cURPW9ZVgLSr4mmWtNK9XNo7yWUbdCRwBhuyJ7m4htUCyHagKVWisi5fPp/ce8g
dT1mX3lU9S1Cl0XM37m0Oj/hSe/rEi96aTLb2ODNzPZBmQJTcwLQDmttTTAp8gOI
R+PO3lHagTdE62uEdFeWyrdhc7ywiEwEGBECAAwFAkAz9v0FGwwAAAACgkQlcCt
WSG9xYUydwCgy2ZtaEE98tYrXXDBR3+eVQ8YGPoAn1NA2UTFY1ISct8X5SDFo8Ae
G9og
=y9nj
-----END PGP PUBLIC KEY BLOCK-----
```

This is the public key for 21BDC585

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```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: PGP Key Server 0.9.6

mQGiBEAz9v0RBAD2Y6LvsenTq9JwBR3XB9S4rPSYhr0ZrlOFvqo9hGjRmeUAF6V+
rFNMOJTFKrCmkvgswCS2pqwKGv0zwQuBryxX+7c0yCU8LAvUAgxrzaSQUaLvRFMO
ZbnMfJ4/RvXH11zktCZbkLQkdXM730n6nLjiQyTcyUXVr1wmuQLxpvA6mwCg/wJC
OV6FoHY9+mXjvljWkz09Ln8EAKW0W2Y2SayUuWXGFq+b3FeP6smnlg5SeH6yVZZ2
XAu39BSs0C+z5R2Jbz8bOPR93VO3VCkrS1DH7+ntZXVmrJWTgvezULKUxAs+QFih
VhkeuyiFDSpjZDm5iuOkz8IsFdqq2V+0NNV43Izv1IxyFvAJi7xcZ1o6W3M/P+Th
g0ELA/41qKgQPjC014ltj+U02EjJmIY99eEJVWNYQ1GofiNWu1Bb9XEnuZOqm360
OeKhQbvIq2lif3NAnDpx/FXglFx+w7onddBGHrDOU/mB3TBLPBO1dw206gWpSn47
fKY50+B6HxgCOM3rwrft40r2QBxrb4UyYMHcZD+d2bdttvbiyLQlVGltIFByZXVz
cyA8dGltLnByZXVzc0BtaW5uZXNvdGEuZWR1PohXBBARAgAXBQJAM/b9BwsJCAcD
AgoCGQEFGwMAAAACgkQlcCtWSG9xYW73ACgxMMPE1sCeb31HR57dkzLArT0qQEA
nRgYkK9C8Rl+/D1NWkxZD6ZWroPnuQINBEAz9v0QCAD2Qle3CH8IF3KiutapQvMF
6PlTETlPtvFuuUs4INoBp1ajFOmPQFXz0AfGy0OplK33TGSGSfgMg7116RfUodNQ
+PVZX9x2Uk89PY3bzpnhV5JZzf24rnRPxfx2vIPFRzBhznzJZv8V+bv9kV7HAarT
W56NoKVyOtQa8L9GAFgr5fSI/VhOSdvNILSd5JEHNmszbDgNRR0PfIizHHxbLY72
88kjwEPwpVsYjY67VYy4XTjTNP18F1dDox0YbN4zISy1Kv884bEpQBgRjXyEpwpy
1obEAxnIByl6ypUM2Zafq9AKUJsCRtMIPWakXUGfnHy9iUsiGSa6q6Jew1XpMgs7
AAICCACDd2kmm44oz6/udcQSnUqBFkIj77Q1ZfMgbQot70pUkQHF4E4Hwm7OJvYx
CTfikfxLACJEEg/bNLVwfH0xXf5K4xe4/MpyHESmroYJoIXgrIOcn+/5MLOm6DV/
1CQeVcoYy4ROYMo0MZNx8doHwLCll3B56TDAbAccMZEeIuHOSSZoBCjbqfLy31PH
8cURPW9ZVgLSr4mmWtNK9XNo7yWUbdCRwBhuyJ7m4htUCyHagKVWisi5fPp/ce8g
dT1mX3lU9S1Cl0XM37m0Oj/hSe/rEi96aTLb2ODNzPZBmQJTcwLQDmttTTAp8gOI
R+PO3lHagTdE62uEdFeWyrdhc7ywiEwEGBECAAwFAkAz9v0FGwwAAAACgkQlcCt
WSG9xYUydwCgy2ZtaEE98tYrXXDBR3+eVQ8YGPoAn1NA2UTFY1ISct8X5SDFo8Ae
G9og
=y9nj
-----END PGP PUBLIC KEY BLOCK-----
```

Please highlight the entire key as shown and copy the key to your clipboard.

Done Internet | Protected Mode: On 100%

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```
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: PGP Key Server 0.9.6

mQGiBEAz9v0RBAD2Y6LvsenTq9JwBR3XB9S4rPSYhr0ZrlOFvqo9hGjRmeUAF6V+
rFNMOJTFKrCmkvgswCS2pqwKGv0zwQuBryxX+7c0yCU8LAvUAgxrzaSQUaLvRFMO
ZbnMfJ4/RvXHl1zktCZbkLQkdXM730n6nLjiQyTcyUXVr1wmuQLxpvA6mwCg/wJC
OV6FoHY9+mXjvljWkz09Ln8EAKW0W2Y2SayUuWXGFq+b3FeP6smnlg5SeH6yVZZ2
XAu39BSs0C+z5R2Jbz8bOPR93VO3VCkrS1DH7+ntZXVmrJWTgvezULKUxAs+QFih
VhkeuyiFDSpjZDm5iuOkz8IsFdqq2V+0NNV43Izv1IxyFvAJi7xcZ1o6W3M/P+Th
g0ELA/41qKgQPjC014ltj+U02EjJmIY99eEJVWNYQ1GofiNWu1Bb9XEnuZOqm360
OeKhQbvIq2lif3NAnDpx/FXglFx+w7onddBGHrDOU/mB3TBLPBO1dw206gWpSn47
fKY50+B6HxgCOM3rwrft40r2QBxrb4UyYMHcZD+d2bdttvbiyLQlVGltIFByZXVz
cyA8dGltLnByZXVzc0BtaW5uZXNvdGEuZWR1PohXBBARAgAXBQJAM/b9BwsJCAcD
AgoCGQEFGwMAAAACgkQlcCtWSG9xYW73ACgxMMPE1sCeb31HR57dkzLArT0qQEA
nRgYkK9C8Rl+/D1NWkxZD6ZWroPnuQINBEAz9v0QCAD2Qle3CH8IF3KiutapQvMF
6PlTETlPtvFuuUs4INoBp1ajFOmPQFXz0AfGy0OplK33TGSGSfgMg7116RfUodNQ
+PVZX9x2Uk89PY3bzpnhV5JZzf24rnRPxfx2vIPFRzBhznzJZv8V+bv9kV7HAarT
W56NoKVyOtQa8L9GAFgr5fSI/VhOSdvNILSd5JEHNmszbDgNRR0PfIizHHxbLY72
88kjwEPwpVsYjY67VYy4XTjTNP18F1dDox0YbN4zISy1Kv884bEpQBgRjXyEpwpy
1obEAxnIByl6ypUM2Zafq9AKUJsCRtMIPWakXUGfnHy9iUsiGSa6q6Jew1XpMgs7
AAICCACDd2kmm44oz6/udcQSnUqBFkIj77Q1ZfMgbQot70pUkQHF4E4Hwm7OJvYx
CTfikfxLACJEEg/bNLVwfH0xXf5K4xe4/MpyHESmroYJoIXgrIOcn+/5MLOm6DV/
1CQeVcoYy4ROYMo0MZNx8doHwLCll3B56TDAbAccMZEeIuHOSSZoBCjbqfLy31PH
8cURPW9ZVgLSr4mmWtNK9XNo7yWUbdCRwBhuyJ7m4htUCyHagKVWisi5fPp/ce8g
dT1mX3lU9S1Cl0XM37m0Oj/hSe/rEi96aTLb2ODNzPZBmQJTcwLQDmttTTAp8gOI
R+PO3lHagTdE62uEdFeWyrdhc7ywiEwEGBECAAwFAkAz9v0FGwwAAAACgkQlcCt
WSG9xYUydwCgy2ZtaEE98tYrXXDBR3+eVQ8YGPoAn1NA2UTFY1ISct8X5SDFo8Ae
G9og
=y9nj
-----END PGP PUBLIC KEY BLOCK-----
```

Cut
Copy
Paste
Select All
Print...
Print Preview...
Blog with Windows Live
E-mail with Windows Live
Map with Bing
Search with Bing
Translate with Bing
All Accelerators

Copies the selection to the Clipboard.

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File Edit Keys Windows Server Help

Edit Delete Sign Import Export Brief Detailed Preferences Refresh Files Clipboard Card

Key Manager

	Key ID	User Name
P	F6BA5396	Alphonse Z Albatross <alphonse_albatross@i.mnscu.edu>

No keys selected

Selected default key: F6BA5396 Alphonse Z Albatross <alphonse_albatross@i.mnscu.edu>

Please open the gpa program.

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Copy Ctrl+C
Paste Ctrl+V
Select All Ctrl+A
Preferences
Backend Preferences

Edit Detailed Preferences Refresh Files Clipboard Card

P F6BA5396 Alphonse Z Albatross <alphonse_albatross@i.mnscu.edu>

No keys selecte

Please select the Edit menu
Please select Paste

Selected default key: F6BA5396 Alphonse Z Albatross <alphonse_albatross@i.mnscu.edu>

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Key Manager

	Key ID	User Name
P	F6BA5396	Alphonse Z Albatross <alphonse_albatross@i.mnscu.edu>
P	21BDC585	Tim Preuss <tim.preuss@minnesota.edu>

1 public keys read
1 public keys imported
0 public keys unchanged
0 secret keys read
0 secret keys imported
0 secret keys unchanged

Close

You see something similar once you choose the paste button

100%

Selected default key: F6BA5396 Alphonse Z Albatross <alphonse_albatross@i.mnscu.edu>

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Key Manager

		Key ID	User Name
P		F6BA5396	Alphonse Z Albatross <alphonse_albatross@i.mnscu.edu>
P		21BDC585	Tim Preuss <tim.preuss@minnesota.edu>

No keys selected

Selected default key: F6BA5396 Alphonse Z Albatross <alphonse_albatross@i.mnscu.edu>

This is shows successful import of a public key.

100%

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