Georgia SoftWorks
SSH Server For Windows 2008R2/2008/2003/7/VISTA/XP/NT
Features for the GSW SSH Server

Georgia SoftWorks
17 Hwy 9 South
PO Box 567
Dawsonville GA 30534
USA

GSW SSH Server Digital Certificate Authentication – Certificate To User Account Mapping

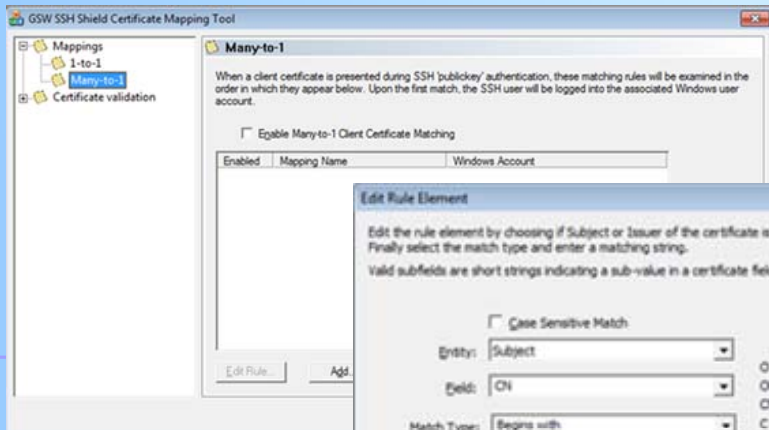## Feature: Many-to-one Digital Certificate Mapping

Certificates

STRONG AUTHENTICATION
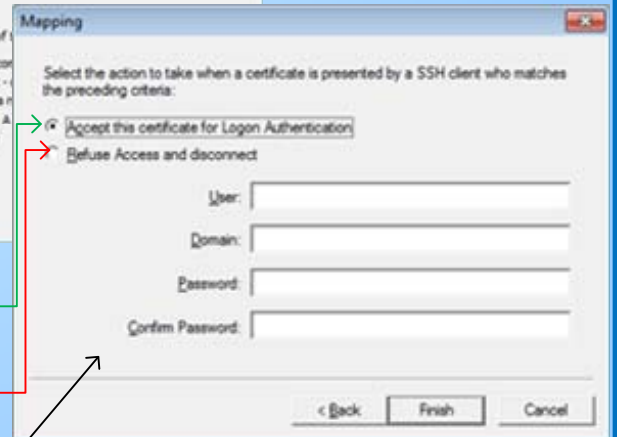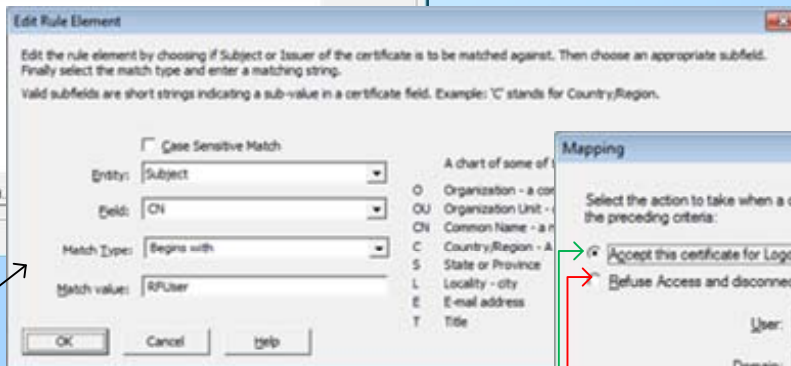*Administrators*
Easier

Configuration   **Administration**   **Maintenance**

- Useful for authenticating large number of users who require access to a resource

- Configure user accounts that grant different sets of rights and permissions

- Use separate many-to-one certificate mappings to map different groups to different user accounts.

Windows
User Account

Many-to-one mapping maps multiple client certificates to a single user account.

GSW SSH Shield Certificate Mapping Tool

Mappings
  1-to-1
  Many-to-1
Certificate validation

Many-to-1

When a client certificate is presented during SSH 'publickey' authentication, these matching rules will be examined in the order in which they appear below. Upon the first match, the SSH user will be logged into the associated Windows user account.

☐ Enable Many-to-1 Client Certificate Matching

Enabled	Mapping Name	Windows Account

Edit Rule...   Add...

Edit Rule Element

Edit the rule element by choosing if Subject or Issuer of the certificate is to be matched against. Then choose an appropriate subfield. Finally select the match type and enter a matching string.

Valid subfields are short strings indicating a sub-value in a certificate field. Example: 'C' stands for Country/Region.

☐ Case Sensitive Match

Entity: Subject
Field: CN
Match Type: Begins with
Match value: RFUser

OK   Cancel   Help

A chart of some of t

O	Organization - a co
OU	Organization Unit -
CN	Common Name - a r
C	Country/Region - A
S	State or Province
L	Locality - city
E	E-mail address
T	Title

Wildcard Support

Mapping

Select the action to take when a certificate is presented by a SSH client who matches the preceding criteria:

⦿ Accept this certificate for Logon Authentication
○ Refuse Access and disconnect

User:
Domain:
Password:
Confirm Password:

< Back   Finish   Cancel

All certificates that meet defined criteria (matches the rules)

Grant Rights and Permissions for the Mapped User Account

Results in   OR

Deny Access

For the User Account you define