



Name mapping

System Manager Classic

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Name mapping

You can use System Manager to specify name mapping entries to map users from different platforms.

Related information

[SMB/CIFS management](#)

Name mapping conversion rules

An ONTAP system keeps a set of conversion rules for each SVM. Each rule consists of two pieces: a *pattern* and a *replacement*. Conversions start at the beginning of the appropriate list and perform a substitution based on the first matching rule. The pattern is a UNIX-style regular expression. The replacement is a string containing escape sequences representing subexpressions from the pattern, as in the UNIX `sed` program.

Name Mapping window

You can use the Name Mapping window to specify the name mapping entries to map users from different platforms.

Name Mappings

You can create and use name mappings to map your UNIX users to Windows users, Windows users to UNIX users, or Kerberos users to UNIX users.

Command buttons

- **Add**

Opens the Add Name Mapping Entry dialog box, which enables you to create a name mapping on storage virtual machines (SVMs).

- **Edit**

Opens the Edit Name Mapping Entry dialog box, which enables you to edit a name mapping on SVMs.

- **Delete**

Opens the Delete Name Mapping Entries dialog box, which enables you to delete a name mapping entry.

- **Swap**

Opens the Swap Name Mapping Entries dialog box, which enables you to interchange positions of the two selected name mapping entries.

- **Refresh**

Updates the information in the window.

Name mappings list

- **Position**

Specifies the name mapping's position in the priority list. Name mappings are applied in the order in which they occur in the priority list.

- **Pattern**

Specifies the user name pattern that must be matched.

- **Replacement**

Specifies the replacement pattern for the user name.

- **Direction**

Specifies the direction of the name mapping. Possible values are `krb_unix` for a Kerberos-to-UNIX name mapping, `win_unix` for a Windows-to-UNIX name mapping, and `unix_win` for a UNIX-to-Windows name mapping.

Command buttons

- **Add**

Opens the Add Group Mapping Entry dialog box, which enables you to create a group mapping on SVMs.

- **Edit**

Opens the Edit Group Mapping Entry dialog box, which enables you to edit the group mapping on SVMs.

- **Delete**

Opens the Delete Group Mapping Entries dialog box, which enables you to delete a group mapping entry.

- **Swap**

Opens the Swap Group Mapping Entries dialog box, which enables you to interchange positions of the two selected group mapping entries.

- **Refresh**

Updates the information in the window.

Group mappings list

- **Position**

Specifies the group mapping's position in the priority list. Group mappings are applied in the order in which they occur in the priority list.

- **Pattern**

Specifies the user name pattern that must be matched.

- **Replacement**

Specifies the replacement pattern for the user names.

- **Direction**

Specifies the direction of the group mapping. Possible values are `krb_unix` for a Kerberos-to-UNIX group mapping, `win_unix` for a Windows-to-UNIX group mapping, and `unix_win` for a UNIX-to-Windows group mapping.

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