
File Server **Serv-U** *Event Engine*



Copyright © 1995-2009 Rhino Software, Inc. All Rights Reserved.
P.O Box 53, Helenville, WI 53137 U.S.A. ● www.RhinoSoft.com ●



Serv-U Event Engine

Serv-U includes a fully developed “Event Engine”, which allows events to be triggered on certain conditions, such as user logon, user logoff, file transfer, and more. These events can be configured for individual users, groups, for a domain or even for the whole server. This functionality provides unprecedented control over a server, a hands-off way to receive information about the server and the means to execute any action or set of actions necessary through the use of batch files.

Event Engine Basics

The Event Engine is can be configured at all four Serv-U configuration levels: Server, Domain, Group, and User. Together this allows for various types of information to be managed – for example, a Server event might notify an administrator when a user exceeded their disk quota, while a User event configured for a background service account might execute a batch file each time the user disconnected. A Group event could notify a group manager each time a file was uploaded or downloaded, and a Domain event would notify an admin each time the domain was stopped or started. The options are limitless!

Event Types

Serv-U supports the following event types:

Server Start	User Login	IP Blocked
Server Stop	User Logout	Too Many Sessions
Domain Start	User Login Failure	Too Many Session On IP
Domain Stop	User Password Change	File Uploaded
Session Connection	Over Disk Space	File Upload Failed
Session Disconnection	User Enabled	File Download
Session Connection Failure	User Disabled	File Download Fail
File Deleted	File Moved	Directory Created
Directory Deleted	Directory Changed	Directory Moved
Over Quota	User Password Change Failure	User Added
User Deleted	User Enabled	User Disabled

E-Mail Events

Email events allow emails to be sent when events are triggered. The event can be given a name, description, and the email address can be specified as well as the body. Serv-U System Variables such as \$User, \$Quota, \$IP, and more can be used in the email to provide specific information. Serv-U Events can even send emails to your user accounts directly – configure a group of user accounts, and if the group is specified as a recipient of an Email Event all members of the group with email addresses provided will receive copies of the message.

File Server
Serv-U

Events

Events Event Filters

Event Information

Event Type:
Over Quota

Event Name:
Over Quota

Enable event

Description:
User has exceeded allotted quota.

Event Actions

Action:
Send Email

To:
admin@rhinosoft.com

BCC (optional):

Subject:
User Quota Exceeded - \$Name

Message:
\$User has exceeded their quota. Please contact the user to discuss.

Save Cancel Help

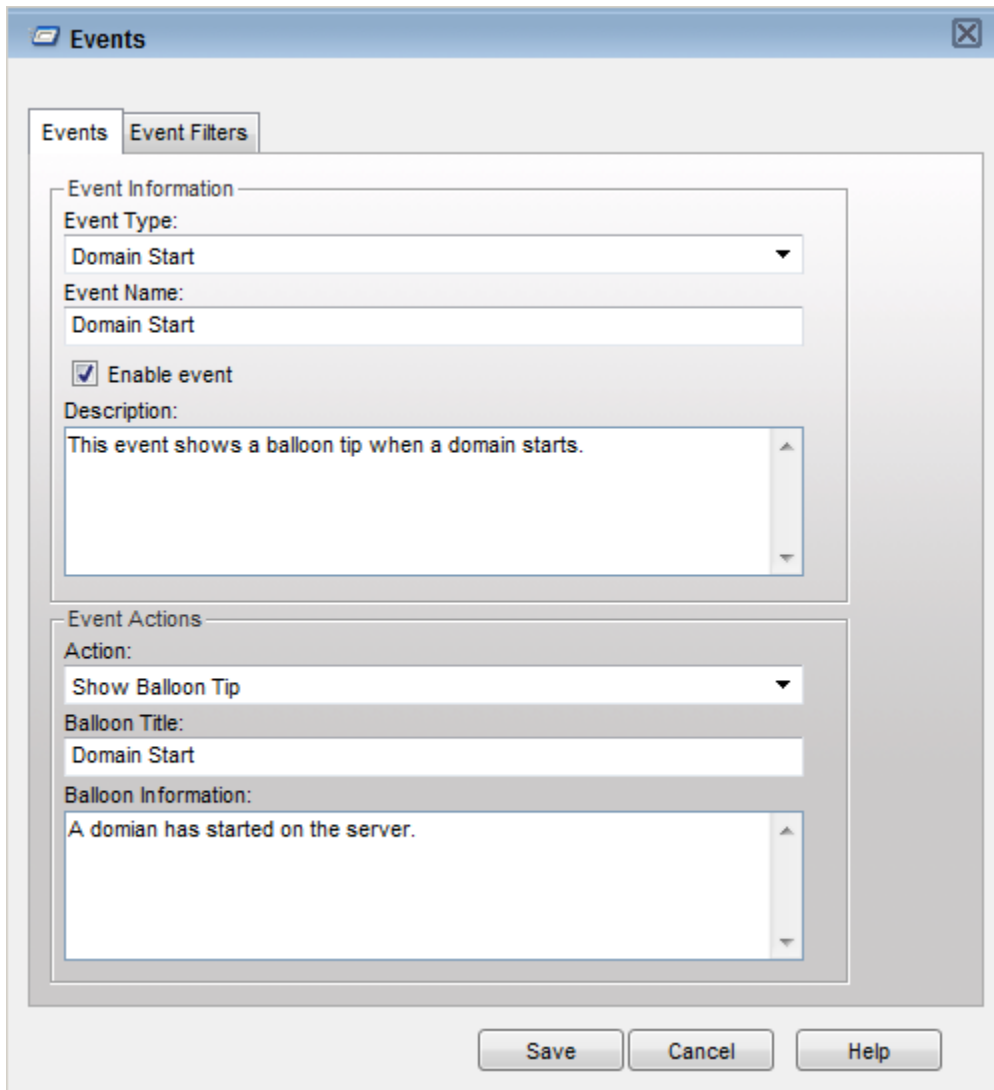
Copyright © 1995-2009 Rhino Software, Inc. All Rights Reserved.
P.O. Box 53, Helenville, WI 53137 U.S.A. ● www.RhinoSoft.com ●



Balloon Tip Events

Balloon Tip events provide an informational tip to be displayed when events are triggered. The event can be given a name, description, and the balloon tip can be titled and specified. Serv-U System Variables such as \$User, \$Quota, \$IP, and more can be used in the email to provide specific information.

File Server
Serv-U



The screenshot shows the 'Events' configuration window in Serv-U. It has two tabs: 'Events' and 'Event Filters'. The 'Events' tab is active. The window is divided into two main sections: 'Event Information' and 'Event Actions'.
Event Information:
- Event Type: Domain Start (dropdown menu)
- Event Name: Domain Start (text field)
- Enable event:
- Description: This event shows a balloon tip when a domain starts. (text area)
Event Actions:
- Action: Show Balloon Tip (dropdown menu)
- Balloon Title: Domain Start (text field)
- Balloon Information: A domian has started on the server. (text area)
At the bottom of the window are three buttons: 'Save', 'Cancel', and 'Help'.

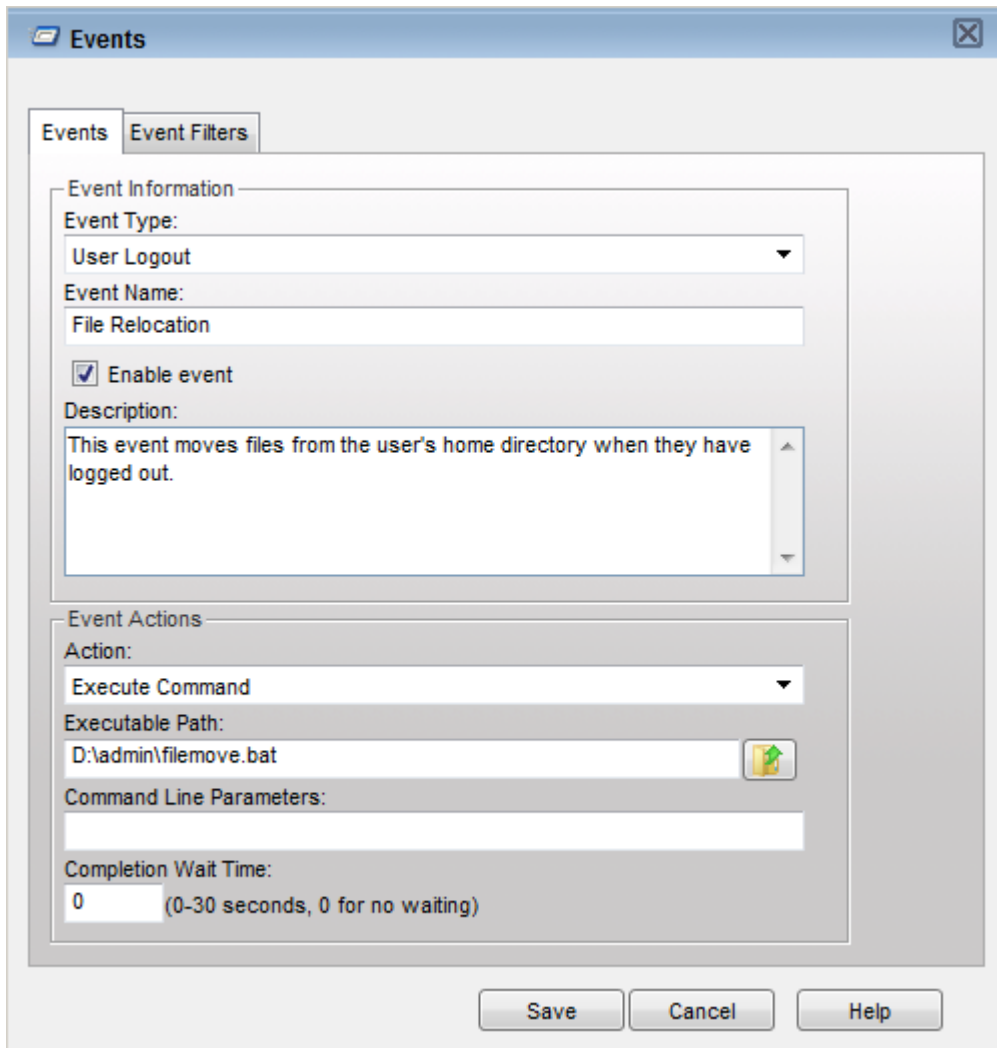
Copyright © 1995-2009 Rhino Software, Inc. All Rights Reserved.
P.O Box 53, Helenville, WI 53137 U.S.A. ● www.RhinoSoft.com ●



Command Events

Command events allow batch files or other executables to be run when an event is triggered. The event can be given a name, description, and an executable to run as well as any parameters that may apply to the file. Using this functionality and the flexibility of Windows batch files, nearly any task can be run.

File Server
Serv-U



The screenshot shows the 'Event Properties' dialog box in Windows. It is divided into two tabs: 'Event Information' and 'Event Filters'. The 'Event Information' tab is active and contains the following fields:

- Event Type:** A dropdown menu set to 'User Logout'.
- Event Name:** A text box containing 'File Relocation'.
- Enable event:** A checked checkbox.
- Description:** A text box containing 'This event moves files from the user's home directory when they have logged out.'

The 'Event Actions' section is also visible and contains:

- Action:** A dropdown menu set to 'Execute Command'.
- Executable Path:** A text box containing 'D:\admin\filemove.bat' with a browse button (green arrow) to its right.
- Command Line Parameters:** An empty text box.
- Completion Wait Time:** A text box containing '0' with '(0-30 seconds, 0 for no waiting)' in parentheses below it.

At the bottom of the dialog are three buttons: 'Save', 'Cancel', and 'Help'.

Copyright © 1995-2009 Rhino Software, Inc. All Rights Reserved.
P.O. Box 53, Helenville, WI 53137 U.S.A. ● www.RhinoSoft.com ●

