
Control Center Statistics

<https://campus.barracuda.com/doc/53248398/>

Statistics data from managed NextGen F-Series Firewalls is processed and maintained on the Barracuda NextGen Control Center. The CC Statistics Collector (dstatm) and CC Statistics Viewer (qstatm) services collect raw data from the firewall systems and process them according to the specified transfer settings. To view the statistics that are generated from this data, you must introduce the CC Statistics Collector (dstatm) and CC Statistics Viewer (qstatm) services on the box layer of the Control Center.

Configure Statistics Processing

In the Control Center, you can configure how statistics data from managed firewalls is processed and maintained. You can configure global, range-specific, or cluster-specific statistics settings. In the Cook settings, you can specify how *dstats* processes and maintains statistics for specific data types. Statistics Transfer settings specify which statistics data files are sent from a managed F-Series Firewall to the Control Center.

For more information, see [How to Configure Statistics Processing and Maintenance](#) and [How to Configure Statistics Transfer](#).

Configure Statistics Data Collection

Statistics files can be simultaneously collected from multiple systems. The CC Statistics Collector and CC Statistics Viewer services allow data collection by range and by cluster. These two services must be created and configured on the box layer of the Control Center.

For more information, see [How to Configure the Statistics Services](#).

Statistics Monitoring

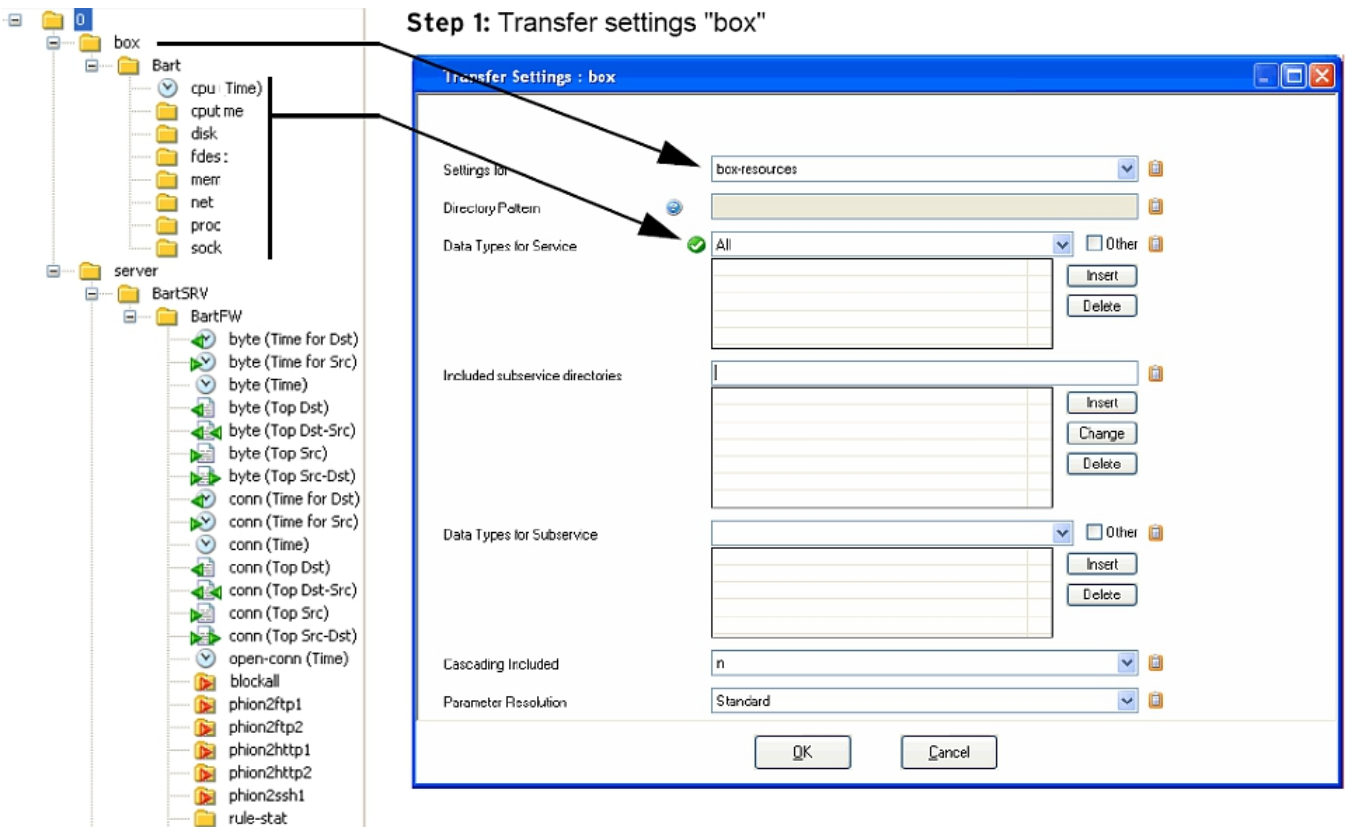
You can view and monitor the status of statistics collection from each managed F-Series Firewall on the Control Center. From the **Statistics Collection** page, you can also manually get and recover lost statistics entries.

For more information, see [How to Monitor and Recover Statistics](#).

Examples for Transfer Settings

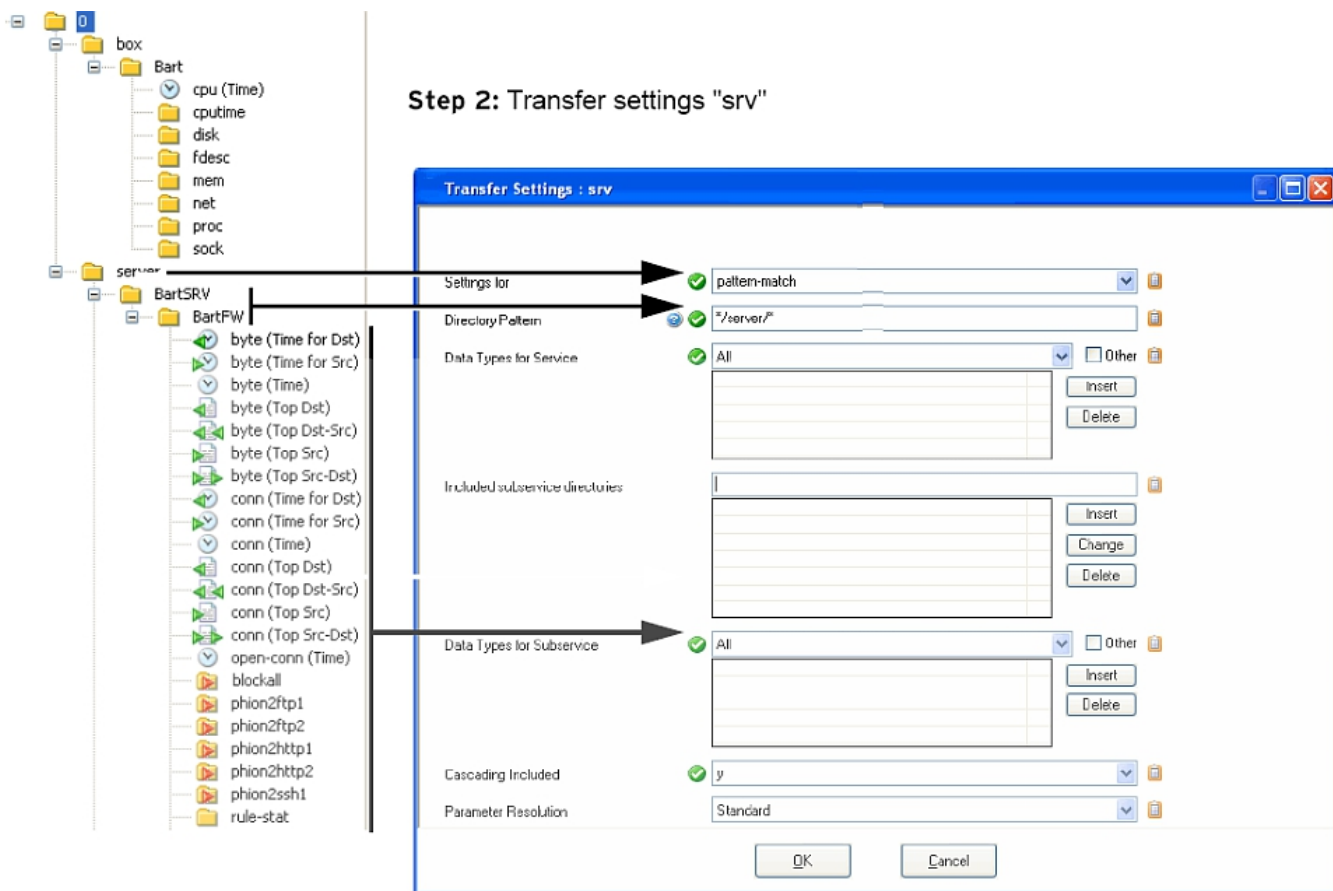
Transfer all Box and Server Files:

Step 1: Transfer settings "box"



The screenshot shows the 'Transfer Settings : box' dialog box. The left pane displays a tree view of the file system with 'box' and 'server' folders expanded. The 'box' folder contains subfolders: Bart, BartFW, BartSRV, and BartFW. The 'BartFW' folder contains various files and folders, including 'byte (Time for Dst)', 'byte (Time for Src)', 'byte (Time)', 'byte (Top Dst)', 'byte (Top Dst-Src)', 'byte (Top Src)', 'byte (Top Src-Dst)', 'conn (Time for Dst)', 'conn (Time for Src)', 'conn (Time)', 'conn (Top Dst)', 'conn (Top Dst-Src)', 'conn (Top Src)', 'conn (Top Src-Dst)', 'open-conn (Time)', 'blockall', 'phion2ftp1', 'phion2ftp2', 'phion2http1', 'phion2http2', 'phion2ssh1', and 'rule-stat'. The 'server' folder contains 'BartSRV' and 'BartFW' folders. The 'BartFW' folder contains various files and folders, including 'byte (Time for Dst)', 'byte (Time for Src)', 'byte (Time)', 'byte (Top Dst)', 'byte (Top Dst-Src)', 'byte (Top Src)', 'byte (Top Src-Dst)', 'conn (Time for Dst)', 'conn (Time for Src)', 'conn (Time)', 'conn (Top Dst)', 'conn (Top Dst-Src)', 'conn (Top Src)', 'conn (Top Src-Dst)', 'open-conn (Time)', 'blockall', 'phion2ftp1', 'phion2ftp2', 'phion2http1', 'phion2http2', 'phion2ssh1', and 'rule-stat'. The 'Transfer Settings : box' dialog box has the following fields: 'Settings for' (box-resources), 'Directory Pattern' (empty), 'Data Types for Service' (All), 'Included subservice directories' (empty), 'Data Types for Subservice' (empty), 'Cascading Included' (n), and 'Parameter Resolution' (Standard). The 'Data Types for Service' field is checked with a green checkmark. The 'Other' checkbox is unchecked. The 'Insert' and 'Delete' buttons are visible next to the 'Data Types for Service' and 'Included subservice directories' fields. The 'OK' and 'Cancel' buttons are at the bottom of the dialog box.

Step 2: Transfer settings "srv"



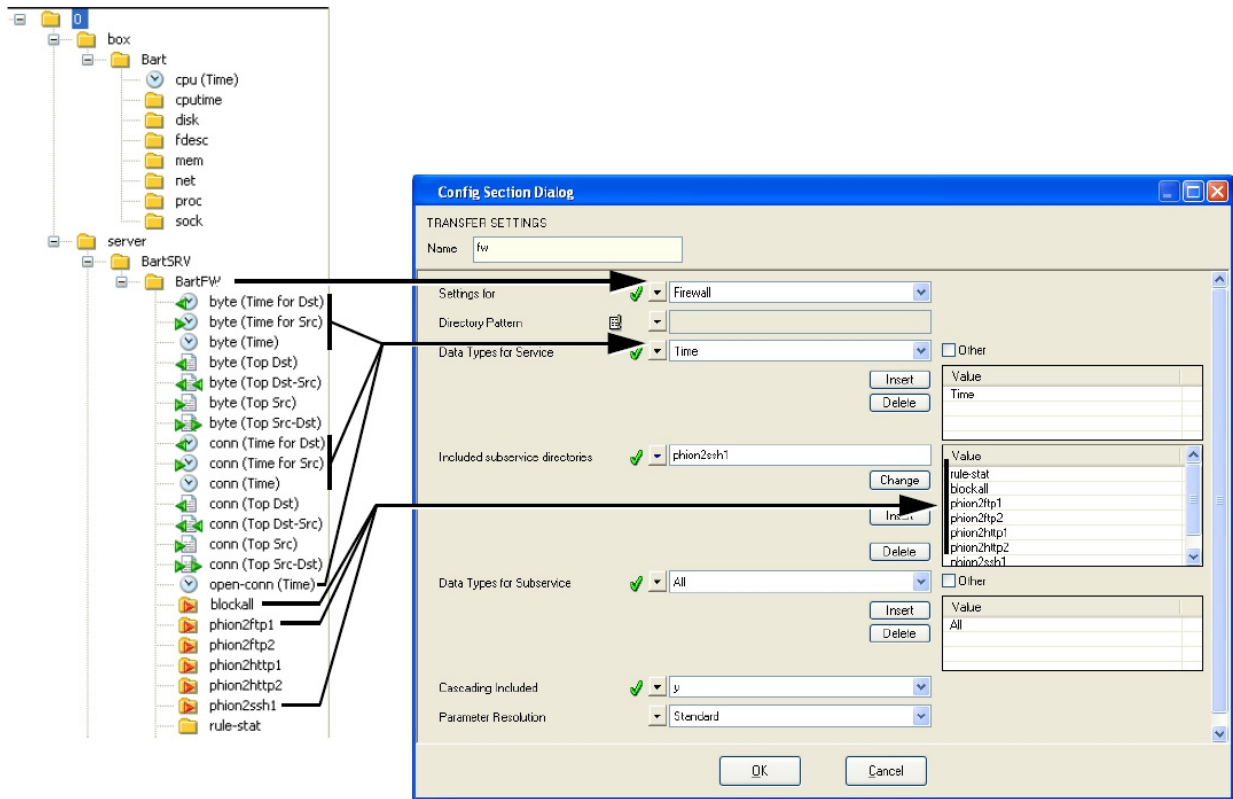
The screenshot shows the 'Transfer Settings : srv' dialog box with the following fields and values:

- Settings for: pattern-match
- Directory Pattern: /*server/*
- Data Types for Service: All
- Included subservice directories: (empty)
- Data Types for Subservice: All
- Cascading Included: y
- Parameter Resolution: Standard

Arrows indicate the transfer of settings from the file tree on the left to the dialog box:

- From 'BartSRV' to 'Settings for'
- From 'BartFW' to 'Directory Pattern'
- From 'byte (Top Src-Dst)' to 'Data Types for Subservice'

Partial Transfer:



Config Section Dialog

TRANSFER SETTINGS

Name: fw

Settings for: Firewall

Directory Pattern: [Empty]

Data Types for Service: Time

Included subservice directories: phion2ssh1

Data Types for Subservice: All

Cascading Included: y

Parameter Resolution: Standard

Buttons: OK, Cancel

Value lists (from dialog):

- Value: Time
- Value: rule-stat, block-all, phion2ftp1, phion2ftp2, phion2http1, phion2http2, phion2ssh1
- Value: All

Figures

1. transf1a.png
2. transf1b.png
3. transf2.png

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