IBM Tivoli Training
Netcool/Proviso 4.4.3
Exporting collected data

Tivoli. software

This IBM Education Assistant module will examine the steps needed to Export Collected Data from reports generated by IBM Tivoli Netcool® Proviso® 4.4.3.

Objectives

- Upon completion of this module, you should be able to:
  - ▸ Use the Export CSV function of Netcool/Proviso reports
  - ▸ Identify where that functionality is contained in Reporters
  - ▸ Describe the tool used to generate e-mailed reports
  - ▸ Identify the third party software required to create PDF report files

Exporting collected data

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2

Upon completion of this module, you should be able to:

Use the Export comma separated values functions of Netcool/Proviso reports

Identify where that functionality is contained in Reporters

Describe the tool used to generate e-mailed reports

Identify the third party software required to create PDF report files

Assumptions

- You have Netcool/Proviso 4.4.3 installed and running

- You know your installation's topology

- You know SilverStream administrator passwords

- You have reports populated with data

It is assumed that:

You have Netcool/Proviso 4.4.3 installed and running

You know your installation's topology

You know SilverStream administrator passwords

and that You have reports populated with data

The export CSV hot spot

- The example shown is part of the Network Overview Report.
- It has numerous report segments contained in it.
- The segments may include a link that will export the data to a Comma Separated Values (CSV) file.
- The exported data can be used as input into another tool; for example, a spreadsheet.
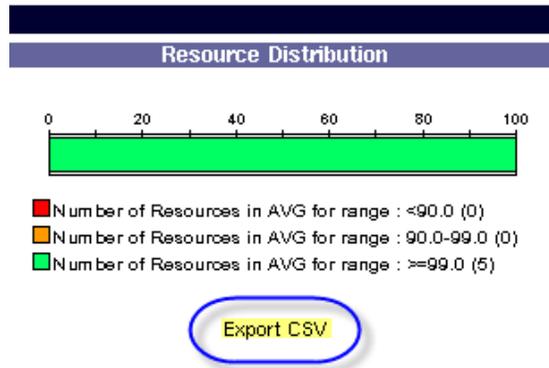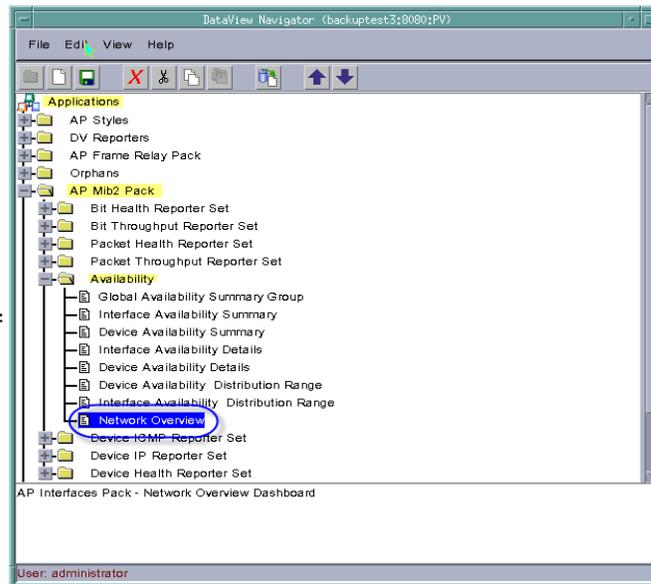
The Network Overview Report is part of the Mib2 Application Pack distribution. It includes a number of individual report segments which have Export CSV hot spots. This is a function of the report defined in the reporter. The underlying data can be exported to a comma separated values (CSV) file. That exported file can be used as input into another tool; for example, a spreadsheet.

The reporter viewed from DVNavigator

- SilverStream DVNavigator can be used to view the Network Overview reporter.
- Network Overview is part of the Mib2 Application Pack.
- There are a number of other reporters shown under Availability.
- Customized reporters are often based on existing reporters.
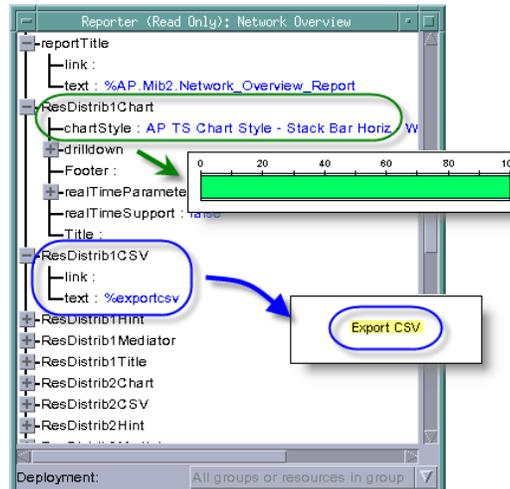
The Network Overview report used in the example is part of the Mib2 Application Pack and the reporter can be viewed using the DVNavigator tool. Using DVNavigator the Network Overview report can be found in the Availability folder of the AP Mib2 Pack.

While the Network Overview report is a default report it can be used as the basis for customized reports in your Proviso installation. Customizing existing reports is a quick means of deploying new reports needed by Proviso users.

Reporters include a number of components. For every item shown on a report there are underlying reporter sets and style sheets that determine exactly what is to be shown.

The graphic shows the relationship of the reporter attributes to the information displayed in the report.

The first Resource Distribution chart is the example shown from the Network Overview report. The chart style is contained in the ResDistrib1Chart segment of the Network Overview reporter. The ResDistrib1CSV displays the text for the CSV hot spot.

Click to export data

- Click Export CSV from a browser on a Windows® workstation will produce a File Download window.
- The user can immediately display the data, in the default application for CSV files, or they can save the data for further use.

File Download

Do you want to open or save this file?

Name: CustomerQuery.csv
Type: Microsoft Excel Worksheet
From:

Open | Save | Cancel

☑ Always ask before opening this type of file

While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. What's the risk?

Network Overview Report
Dashboard Report
Date Dec 17, 2008
Period Daily

Resource Distribution

0   20   40   60   80   100

■ Number of Resources in AVG for range : <90.0 (0)
■ Number of Resources in AVG for range : 90.0-99.0 (0)
■ Number of Resources in AVG for range : >=99.0 (5)

Export CSV

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7

When you click Export CSV from the browser on a Windows workstation, a dialog window is displayed. The exported file can be displayed using the default application for the CSV file format. The user can select to display or save the CSV report depending on their requirements.

The CSV file

- The underlying fields and data of the distribution chart contained on the Network Overview report can now be found in the CSV file.
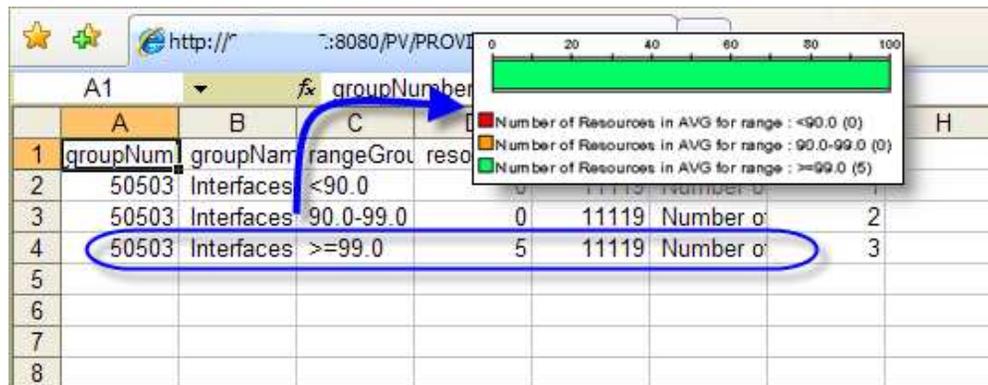
The underlying data, displayed as a graphic in the original report, can now be seen. The CSV file contains the data and attributes used to create the original report. From this, a user may select to reuse the data in any manner.

If the hot spot for CSV export is on the report segment it can be exported from the browser. It can then be saved to a user selected location.

Scheduled report distribution

- Reports can be delivered to users using e-mail or FTP.
- Authorized users can schedule reports.
- There is an icon labeled, **Schedule This Report**.

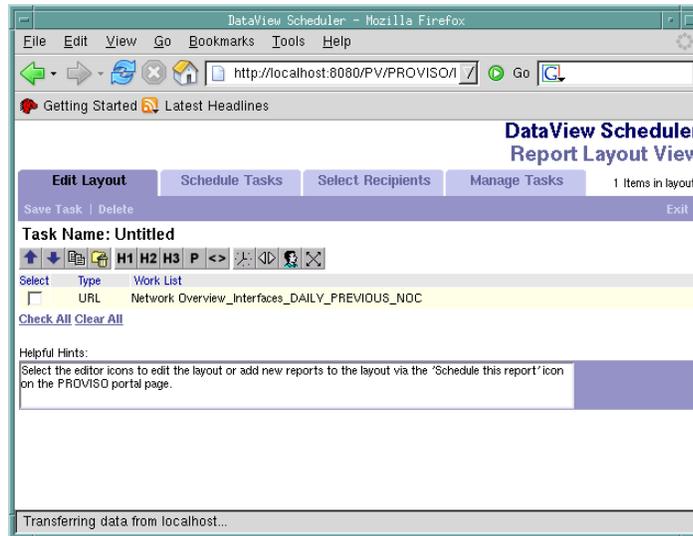Reports can be scheduled for delivery using e-mail or FTP. Authorized users can schedule reports for delivery.

The authorized users have an additional pair of icons on their DataView reports, labeled **Schedule This Report** and **Manage Reports**. These can be used to invoke scheduling tools.

When either icon is selected an additional page will be displayed that provides access to the tools.

DataView scheduler page

- The DataView Scheduler – Report Layout View is used to manage delivered reports.
- There are multiple tabs that detail configuration of the delivered reports.
- Use of this tool is covered in advanced Proviso training and in Proviso documentation.

Exporting collected data

The DataView Scheduler – Report Layout View is used to manage delivered reports and contains a number of options. Presentation details of the reports scheduled for delivery can be customized using the DataView Scheduler tools. These options are contained within the multiple tabs displayed on the DataView Scheduler page.

It is beyond the scope of this IEA to detail the use of the scheduler functionality. Use of the DataView Scheduler is covered in advanced Proviso training and in Proviso documentation.

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Exporting portable document format files

- Exporting Portable Document Format (PDF) reports requires that an independent software vendor's PDF server be installed and configured.

- The product is Corda Highwire Server.

- For additional information visit the Corda Web site at http://www.corda.com or contact Netcool/Proviso support for assistance.

Exporting collected data   11
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In addition to exporting data in CSV files, files can be exported using the Portable Document Format (PDF) standard. This, however, requires that an independent software vendor's PDF server be installed and configured. The product that is compatible with SilverStream is Corda Highwire Server.

For additional information visit the Corda Web site or, as always, contact Netcool/Proviso support for assistance.

Training roadmap for *Netcool/Proviso*

http://www.ibm.com/software/tivoli/education/edu_prd.html

Exporting collected data   12
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Copy and paste the link provided into the browser of your choice to explore the training roadmap for Netcool/Proviso.

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Summary

- You should now be able to:
  - ▸ Use the Export CSV functions of Netcool/Proviso reports
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Exporting collected data

13

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You should now be able to:

Use the Export CSV functions of Netcool/Proviso reports,

Identify where that functionality is contained in Reporters,

Describe the tool used to generate e-mailed reports,

and identify the third party software required to create PDF report files.

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14

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