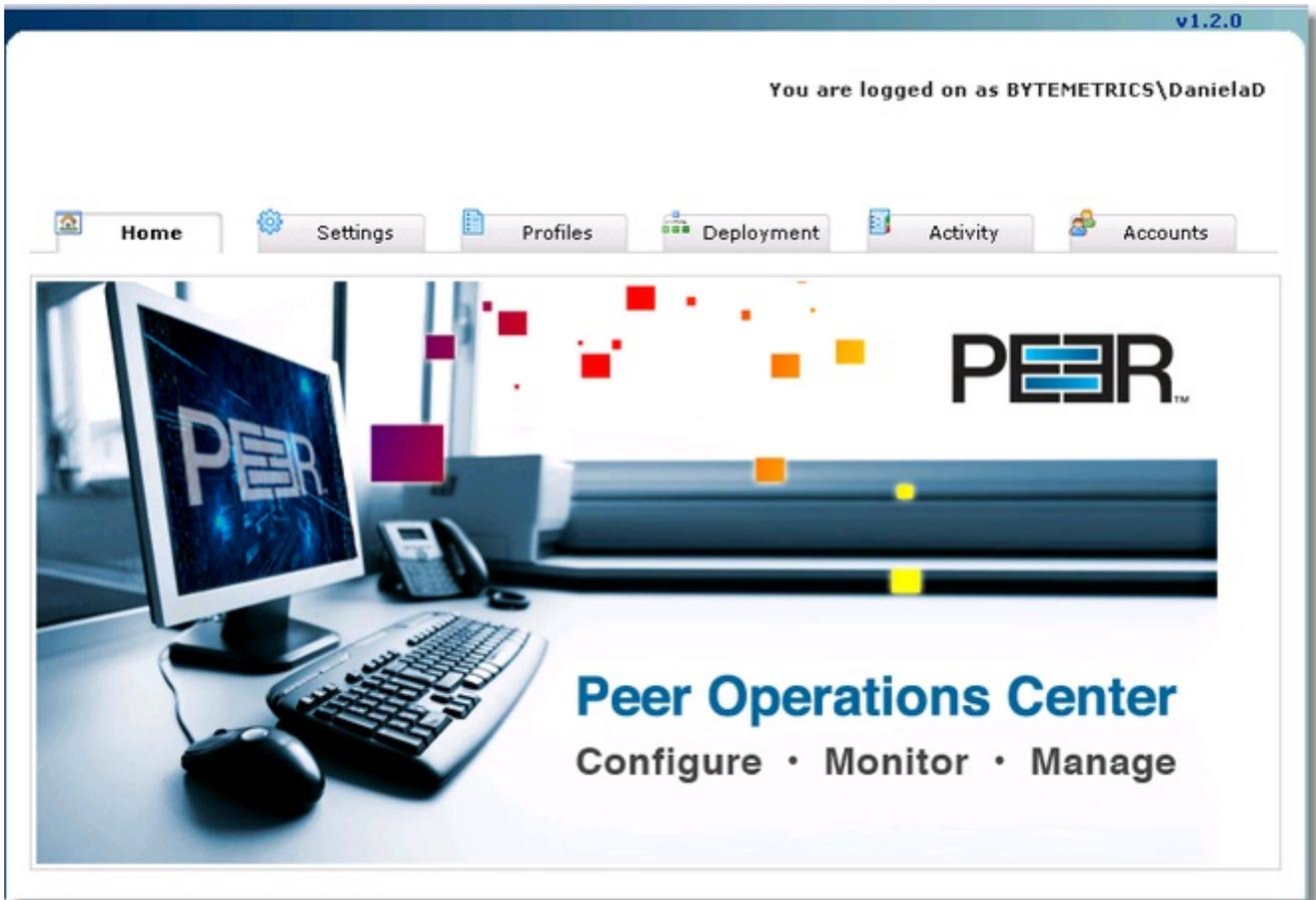


Peer Operations Center Help

Centralized Management and Monitoring for PeerSync™ Backup Edition for Servers and PeerSync™ Backup Edition for Laptops/Workstations.

Peer Operations Center provides visibility into enterprise-wide deployments of the PeerSync™ Backup Editions for both servers and laptops/workstations. From the convenience of a centrally managed console, Peer Operations Center is a comprehensive solution that eases planning, configuration, roll-out, monitoring and management related tasks for administrators and support personnel.



Getting Started

- [Product Overview](#)
- [System Requirements](#)
- [Installation & Configuration](#)
- [Licensing & Initial Setup](#)

Product Overview

Overview

Centralized Management and Monitoring for PeerSync Backup Edition for Servers and PeerSync Backup Edition for Laptops/Workstations.



Peer Operations Center provides visibility into enterprise-wide deployments of the PeerSync Backup Editions for both servers and laptops/workstations. From the convenience of a centrally managed console, Peer Operations Center is a comprehensive solution that eases planning, configuration, roll-out, monitoring and management related tasks for administrators and support personnel.

Peer Operations Center Key Features

- Secure Web-based Console that can be accessed via a standard browser from anywhere on the network
- Wizard-driven Configuration and Deployment
- Active Directory Integration
- Centralized Monitoring
- Activity / Alert Reports*
- Centralized License Management
- End-user Alert Notification
- Role-based Access

*For information on Notifications available for Servers or Workstations [Review POC Modes Information](#)

1. POC Modes

Peer Operations Center v1.2 can be configured to manage Workstation or Server machines. Depending on the mode, the POC interface will expose configuration settings specific to that environment.

In addition, you will have Notifications/Alerts configurations that most suit those environments.

POC NOTIFICATIONS/REPORTING FOR WORKSTATIONS VS SERVERS

| | POC for Workstations | POC for Servers |
|---|----------------------|-----------------|
| Daily Reports | X | X |
| Daily End User Alerts on Failed Scan | X | |
| Daily End User Alerts on Stale* State | X | |
| Real-Time Alert On <i>Stale</i> | | X |
| Real-Time Alert On <i>Failed Events</i> | | X |
| Real-Time Alert On <i>Failed Scans</i> | | X |
| Real-Time Notify of <i>Out of Failed Events</i> | | X |
| Real-Time Notify of <i>Out of Failed Scans</i> | | X |

| | | |
|---|--|---|
| Real-Time Notify of <i>Out of Stale</i> | | X |
|---|--|---|

*By default, the Stale Time Unit for Workstations is set in Hours, for Servers is set in Minutes.

System Requirements

Following are the main Requirements to be able to run the Peer Operations Center. Please make sure you install the required components prior to running the installation:

- Internet Information System (IIS) version 6.0 or higher with Windows Authentication
- ASP.Net Framework v2.0.50727
- .Net Framework v3.5 with latest Service Pack
- ASP.Net Ajax Extension v1.0 ([Download Here](#)) (Only needed for IIS 6 environments)

Installation & Configuration

Step 1. Make sure the system has IIS installed and the proper Web Server Roles as well as the other [System's Requirements](#)

Go into the Server Manager and check that the following User Roles have been installed, especially the Security Role Group.

| Role Service | Status |
|---|---------------|
|  Web Server | Installed |
|  Common HTTP Features | Installed |
|  Static Content | Installed |
|  Default Document | Installed |
|  Directory Browsing | Installed |
|  HTTP Errors | Installed |
|  HTTP Redirection | Not installed |
|  Application Development | Installed |
|  ASP.NET | Installed |
|  .NET Extensibility | Installed |
|  ASP | Not installed |
|  CGI | Not installed |
|  ISAPI Extensions | Installed |
|  ISAPI Filters | Installed |
|  Server Side Includes | Not installed |
|  Health and Diagnostics | Installed |
|  HTTP Logging | Installed |
|  Logging Tools | Not installed |
|  Request Monitor | Installed |
|  Tracing | Not installed |
|  Custom Logging | Not installed |
|  ODBC Logging | Not installed |
|  Security | Installed |
|  Basic Authentication | Installed |
|  Windows Authentication | Installed |
|  Digest Authentication | Installed |
|  Client Certificate Mapping Authentication | Not installed |
|  IIS Client Certificate Mapping Authentication | Not installed |

Step 2. Run the Peer Operations Center Installer executable and follow all instructions

Step 3. Choose to install in the c:\inetpub directory

Step 4. Once the installation completes, you may choose to perform advanced setting changes to the Operations Center website in IIS

The Peer Operations Center installs a new site in your IIS under port 80. In the event that you have other sites already configured on this IIS server utilizing the same port, you will want to either change the Operations Center site Port or modify other website settings to make the site run in your environment. Contact your Administrator for assistance with this step if needed.

Step 5. Check Required Permissions

The following folders should have special permissions set (*This is normally taken care of by the installer. Please review in the event you are having trouble running the Operations Center*):

- **\\PeerOperationsCenter (Root folder):** Add Full Access to any Domain User or Domain Group of the individual Peer Operations Center Users; Full Access to MachineName\Users.

- **\data:** Add IUSR(full Access; IIS_USERS (Full Access); Full Access to any Domain User or Domain Group of the individual Peer Operations Center Users; Full Access to MachineName\Users.
 - **\Public:** Add IUSR(full Access; IIS_USERS (Full Access); Full Access to any Domain User or Domain Group of the individual Peer Operations Center Users; Full Access to MachineName\Users.
- ** If the PSStats folder is located outside of the Public folder, that folder should also have permissions set same as the Public folder.

Step 6. Open a browser window and Launch the Peer Operations Center

Browse to it from the local machine as <http://localhost> or from a remote machine as <http://servername>

****Make sure the Popup blocker is turned off on your Web Browser**

**** If you made any advanced IIS Site configuration changes (Step4), the path to your Operations Center may be different based on those setting changes.**

TO NOTE: If you are running your POC from a virtual directory you will have to change the PathLevel value in the web.config file

| AppSettings Values | |
|--------------------|--|
| PathLevel | <p>Leave this setting set to 2, if the site is on a main path (such as http://ServerName/)</p> <p>Set this path to 3 if it is installed in a virtual directory (such as http://ServerName/WebServerPortal/);</p> |

Step 7. [Licensing and Initial Setup](#)

Licensing & Initial Setup

Installing a License File

After purchasing or requesting a trial download of Peer Operations Center, you will receive a license file representing your purchase or trial. The first time you launch the Peer Operations Center you will be redirected to a page to upload your License file.

Browse to the POC License File and upload it to your POC.

Initial POC Setup

After having uploaded the license file, you will see an Initial Setup page where you will be able to enter the initial configuration settings.

Enter the account information for the Operations Center Administrator

Upon first time browsing to the Peer Operations Center using the URL (<http://servername>) you will be prompted to enter the Peer Operations Center Admin User information. The Admin User will have advanced access to settings and POC Users Account setup. Enter the User Id and the Domain of the Network user, in the respective Input fields. Click on **Submit & Start Configuration Wizard**

Go through the POC Initial Setup Wizard

The Setup Wizard will guide you through 5 Steps to configure some basic settings required for PeerSync Profile and Deployment setup.

Following are the Setup Steps included:

1. **POC Environment** - Information about your POC installation, such as the Public URL (Accessible from PeerSync machines) and the type of machines that this POC installation will be managing.

2. **Communication Settings** - Gathering SMTP settings for POC notifications/reports.
3. **PeerSync Repository** - Identify the local and public path to the PeerSync Stats directory. This is the folder where your PeerSync machines/users will be pushing Activity Stats to. The POC will use this repository to display the activity and enable advanced filtering and reporting.
4. **PeerSync License** - Enter here the PeerSync license information for your PeerSync installations.
5. **PeerSync Executable** - Upload the PeerSync executable to be used for PeerSync installations in your environment.

Create a PeerSync Deployment

In order to create a PeerSync Deployment you want to follow each of the Steps below:

- [Overview](#)
- [Step 1 - PeerSync License](#)
- [Step 2 - PeerSync Executable](#)
- [Step 3 - PeerSync Profile \(Backup Specs\)](#)
- [3.1 - Configure Backup Jobs](#)
- [Step 4 - Deployment Settings](#)

Overview

PeerSync Deployments are configurable through the POC interface. A Deployment is a set of specs for the PeerSync installation. The Deployment incorporates the PeerSync Profile (Backup Specs), the PeerSync config file with License Information and Silent Install settings, the PeerSync Executable etc. After completion of the Deployment creation you can download the Deployment (Silent Installation) for distribution to your Users or Machines.

You can create one Deployment or multiple, depending on the needs. You will want to create more than one Deployment in cases where you may want to group your PeerSync machines/users into more than 1 group. For example a company with offices throughout the world, may want to create a North America Deployment, a South America Deployment, etc..

Advantages of grouping your PeerSync machines/users into multiple deployments:

- Ability to limit access to POC users, to specific Deployments, enabling individual IT teams to manage their own PeerSync machines/Deployment. This can be accomplished by configuring Deployment-Limited Roles/Users.
- Ability to have a different PeerSync Profile and/or License based on the specific Group/Deployment. In the event that you needed to configure different backup specs, based on the specific Office/Region (i.e. different backup servers etc.) you will want to create a separate Deployment.

A Deployment is a set of PeerSync backup configuration, License and installation settings to be deployed to a group of machines/users and be valid in all their unique environments.

Configuring a PeerSync Deployment will require the following steps:

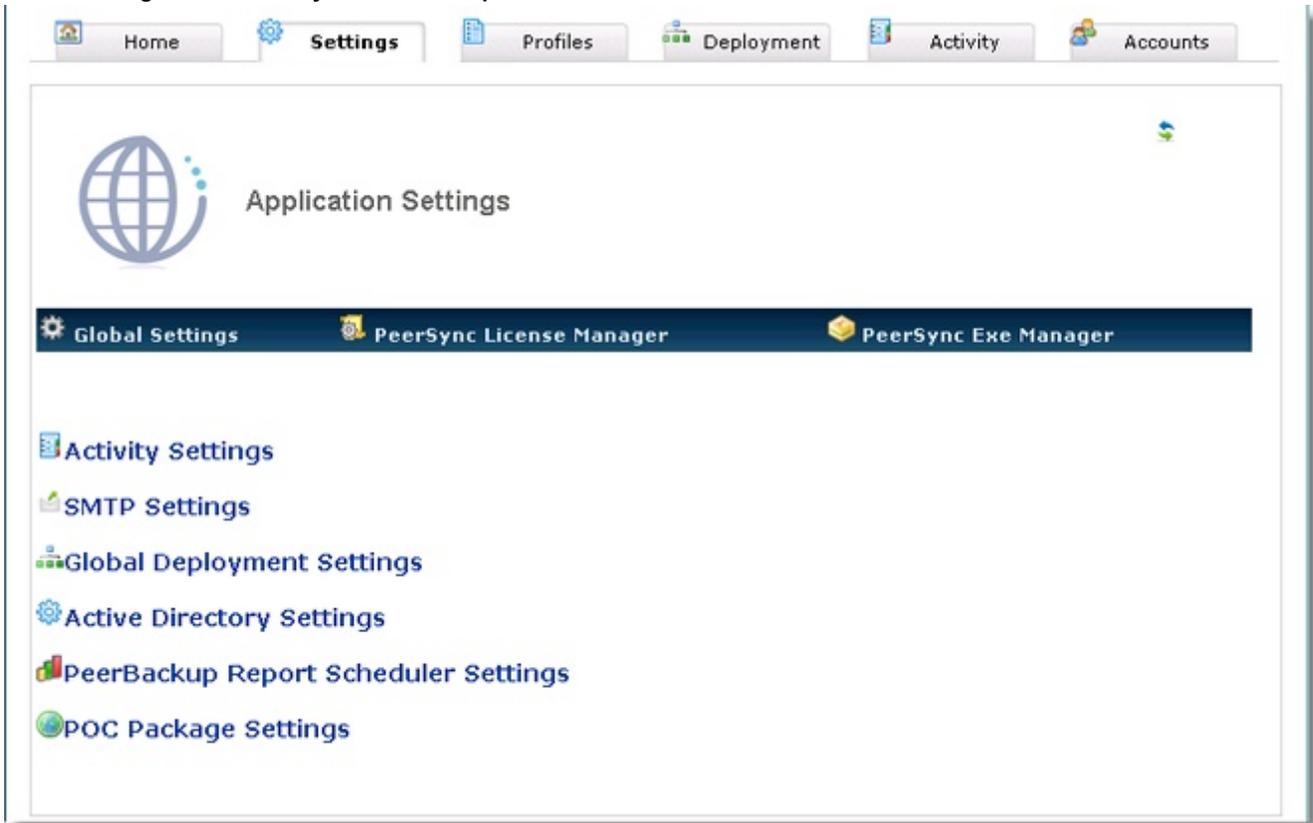
- [Global Settings](#) (Important to Configure/Review before setting up your Deployment) *
- [Step 1 - PeerSync License Information](#) *
- [Step 2 - PeerSync Executable Information](#) *
- [Step 3 - PeerSync Profile \(Backup Specs\)](#)
- [Step 4 - Deployment Settings](#)

* Steps 1 and 2 may not be needed if this is your first Deployment and are utilizing the License and Executable added to the POC during the initial Setup. Global Settings will also be setup during the POC's initial setup wizard. The only items that may need to be configured are the LDAP Settings. [Review scenarios in which you may want to configure LDAP Settings.](#)

Global Settings

Click on the **Settings** Tab to access the **Global Settings** section of the POC.

Global Settings are Read-Only for users not part of the OCAAdminUser Role.



In this section you will be able to configure the following POC settings:

- [Activity Settings](#)
- [SMTP Settings](#)
- [Global Deployment Settings](#)
- [Active Directory Settings](#)
- [PeerBackup Report Scheduler Settings](#)
- [POC Package Settings](#)

1. Activity Settings

You can access Activity Settings from the Settings Tab --> Global Settings section.

PeerSync Activity Settings

Use this section to modify the location of the PeerSync Stats directory and the Stale Stats Window.

| PeerSync Activity Settings | |
|----------------------------|---|
| Stats Directory | The local path to the Stats Directory where the PeerSync machines are pushing their XML Stats Files and Message log files to. |
| Stale Stats Window | Specific time interval that identifies when we deem a PeerSync stat to be Stale. If greater than the value indicated in this field, the PeerSync Machine Stats will be flagged as Stale, and displayed in Red in the PeerSync Activity section. |
| Stale Measurement | This is the Time Unit used. By default the time unit is set to Hour in a Workstation environment and Minute in a Server environment. |

End User Notifications Settings

Please Note: End User Notification is available in POC environments set to manage Workstations only. In addition, this type of Notifications will fail if the [SMTP settings](#) have not been set in your Global Settings. [LDAP Configuration](#) will also have to be configured to be able to retrieve the PeerSync User email from Active Directory.

PeerSync Stats records generated by older versions of PeerSync that do not report the PeerSync User will be excluded from these notifications.

| End User Notification Settings | |
|--------------------------------|--|
| Notify of Failed Scans | If this option is enabled, PeerSync users will be notified |

| | |
|---------------------------------|---|
| | <p>by email if their last PeerSync backup run included failed Scans. This includes Scans that have failed due to connectivity or other issues.</p> <p>Please Note: This option is valuable for those PeerSync Backups configured with initial Scan Synchronization, or with interval Scans.</p> |
| Notify of Stale Activity | <p>If this option is enabled, PeerSync users will be notified by email if their backup state is in a Stale mode. This would be based on the Stale Window Set in the PeerSync Activity Settings.</p> |

2. SMTP Settings

You can access Activity Settings from the Settings Tab --> Global Settings section.

SMTP settings are required for Daily Reports, Alerts, End User Notification and Deployment Distribution

SMTP Settings

SMTP Settings

[Edit SMTP Settings](#)

Current SMTP Settings

SMTP Host: exchangeserver.bytemetrics.local

From Email: poc12@peersoftware.com

Admin Email: danielad@peersoftware.com

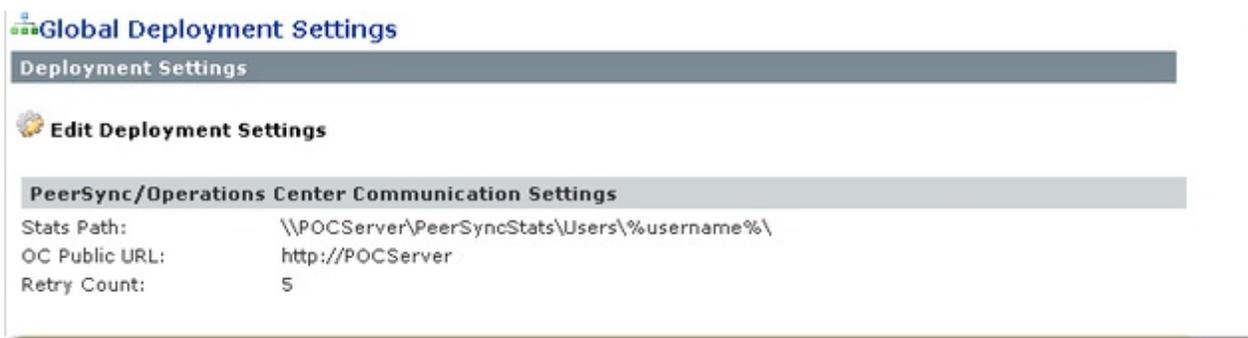
Configure the SMTP Settings for Deployment Email Distribution, Scheduled Stats Reports, End User Notification and general error alerts.

SMTP Host - Enter here the name or IP address of the SMTP server
From Email - This email will be used as the sender email
Admin Email - This email will be used for emailing errors

| | |
|----------------------|--|
| SMTP Settings | |
| SMTP Host | Enter here the SMTP Server name. |
| From Email | This value indicates the From address for the Admin emails sent out by the Peer Operations Center. |
| Admin Email | This value indicates the Administrator Email to be notified of Deployment Downloads etc. |

3. Global Deployment Settings

You can access Global Deployment Settings from the Settings Tab --> Global Settings section.



| Global Deployment Settings | |
|----------------------------|--|
| Stats Path | <p>The Path PeerSync will use to copy its stats files to. Depending on the kind of access the PeerSync machines have to the POC server, you can configure the Stats Path in either of the following ways.</p> <p>Network Copy: Using UNC Path (i.e. \\serverName\StatsShare\Users\%username%).*</p> <p>TCP Copy: If the PeerSync machines do not have network access to the Operations Center Stats share, enter the TCP path in the following format TCP:\ServerNameOrIP\DriveLetter\FolderPath\Users\%username%\ (i.e. TCP:\\127.0.0.1\C\Data\LocalPsStatsFolder\Users\%username%)**</p> <p>In a POC Server Mode it is recommended to replace "Users\%username%\ with "Servers\%computername%"</p> <p><i>*When using UNC path, Configure a Stats Share designating where to copy the PeerSync stats files to.</i></p> <p><i>**When using TCP path, the PeerSync license will require TCP to be enabled.</i></p> |
| OC Public URL | Base URL (i.e. http://OCServer) of the Operations Center accessible from the PeerSync machines |
| Retry Count | Number of Retries that PeerSync will attempt to communicate with the Operations Center |

4. Active Directory Settings

You can access Active Directory Settings from the Settings Tab --> Global Settings section.

Active Directory Settings are required in a POC environment managing Workstation machines. These settings will be used for [End User Notifications](#) and [Deployment Distribution](#) (for Deployments setup with Users Association).

Active Directory Settings

Active Directory Settings

Edit AD Settings

Current AD Settings

LDAP Path: LDAP://domain.com
 User Name:
 Password: *****

Test LDAP Connection

i Configure the LDAP Settings for Deployment generation and Distribution using Users Association and End User Backup Failure Notification.

LDAP Path - Enter the LDAP Path info (i.e. LDAP://Domain.com)
User Name - Enter the User Name for an account with enough rights to browse Active Directory.
Password - Enter the user password.

| Active Directory Settings | |
|---------------------------|--|
| LDAP Path | Enter the LDAP Path info (i.e. LDAP://Domain.com) |
| User Name | Enter the User Name for an account with enough rights to browse Active Directory |
| Password | Enter the LDAP user password |

5. PeerBackup Report Scheduler Settings

You can access PeerBackup Report Scheduler Settings from the Settings Tab --> Global Settings section.

PeerBackup Report Scheduler Settings

Stats Report Scheduling Service Settings

Edit Report Service Settings

Current Service Settings

Service State: Not Configured

i Use this setting to force service installation state, enabling Stats Report Configuration for those users without access to query the Services.

This screen shows the Current Service Settings status. To configure, click on the Edit Report Service Button. You can use this setting to force the service installation state. Choose the setting "Yes" only if certain POC Users do not have permissions to make Service Query calls to determine the state of the PeerBackup Report Scheduler service. By default, the Service State is 'Not Set'.

6. POC Package Settings

You can access the POC Package Settings from the Settings Tab --> Global Settings section.



By default, the POC is in 'Workstation/Laptops' mode, meaning that it is set to be managing these types of machines. You can change the setting to manage 'Servers' if this POC will be primarily managing Server machines.

PLEASE NOTE: When switching between POC Package Modes, default settings for those specific environments will be set automatically in the POC. Below is information on default settings in each mode. **

| | Workstations/Laptop | Servers |
|------------------------|---------------------|----------|
| Stale Time Unit | Hour | Minute |
| End User Notifications | Enabled | Disabled |
| Real-Time Alerts | Disabled | Enabled |

**** It is strongly recommended that all Global Settings are reviewed after switching to package mode, to make sure there are no custom changes that you may want/need to make to accommodate the different POC environment.**

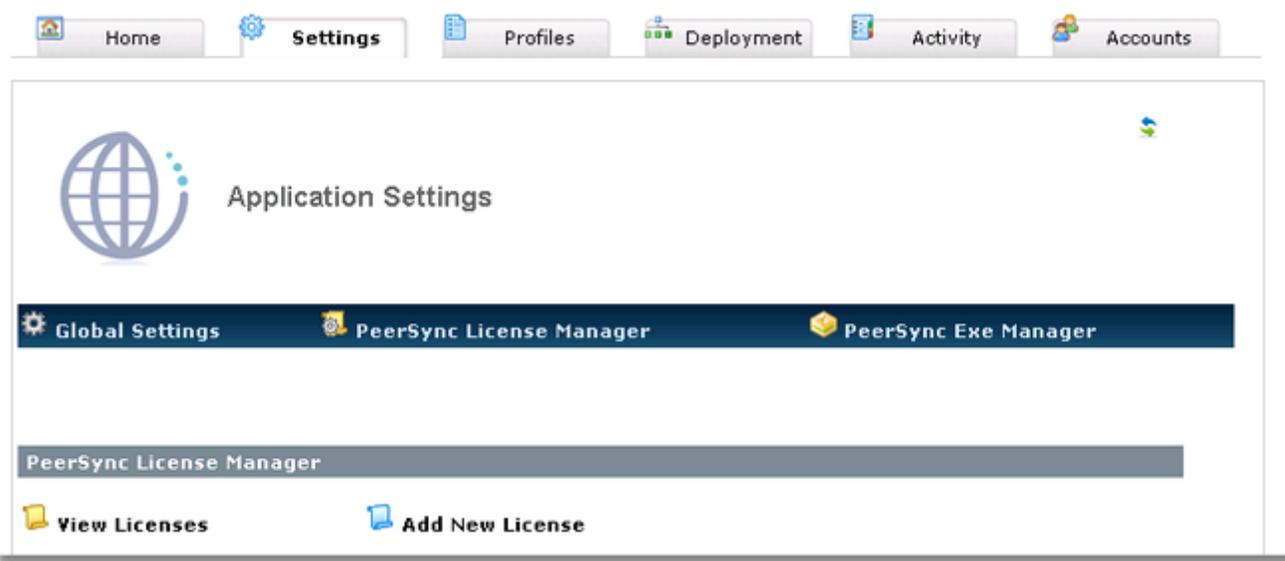
Settings to review include: Global Deployment Settings-->Stats Path, Activity Settings --> Stale Window

Step 1 - PeerSync License Information

You can access PeerSync License Information from the Settings Tab --> PeerSync License Manager section.

License Information is Read-Only for users not part of the OCAAdminUser Role.

During your Initial Setup Wizard you would have entered a PeerSync License Information, and you would see its details in this section of the POC. If you need to add a new PeerSync License, to be used for a second Deployment, simply click on **Add New License**.



Once clicked on Add New License you will be able to add the license information as provided to you in the PeerSync Registration email. **Make sure you Cut & Paste the User Name, Company, Options and Password to be certain that the license has been entered correctly.** If the license is not correct your PeerSync installations will not be able to install and register.

Add New License

| | |
|-----------------------------|----------------------|
| License Description: | <input type="text"/> |
| Comment: | <input type="text"/> |
| Version: | <input type="text"/> |

Please Enter Below the License Information exactly has it is in your Registration Email. *(Cutting & Pasting is preferred)*

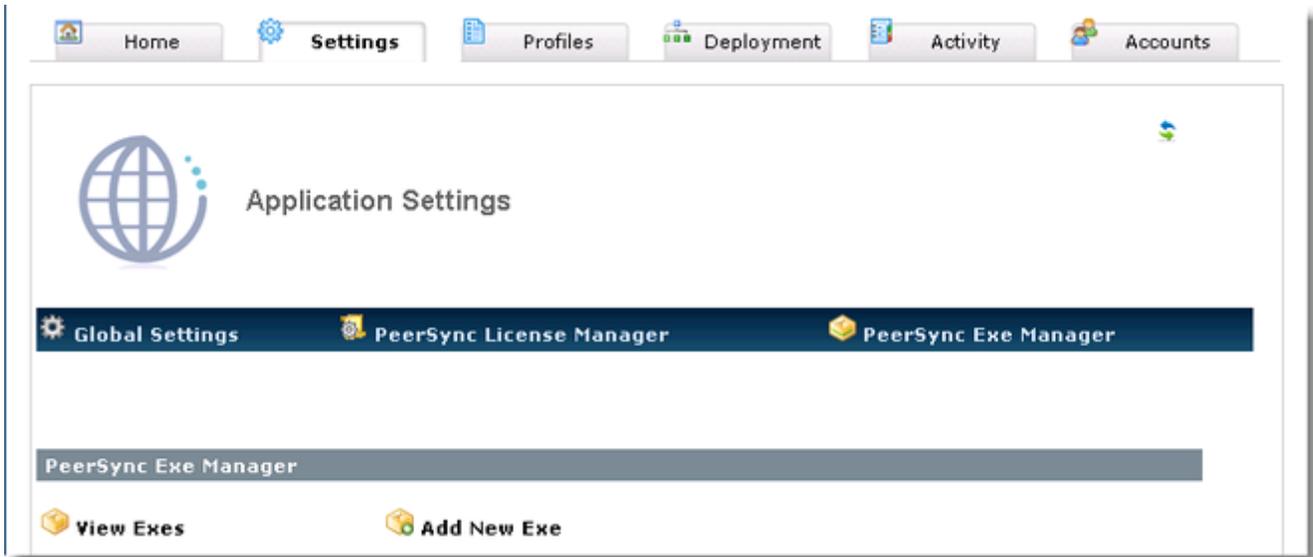
| | |
|-------------------|----------------------|
| User Name: | <input type="text"/> |
| Company: | <input type="text"/> |
| Options: | <input type="text"/> |
| Password: | <input type="text"/> |

Step 2 - PeerSync Executable Information

In the Settings tab click on the PeerSync Exe Manager section and then choose to Add New Executable.

Exe Information is Read-Only for users not part of the OCAAdminUser Role.

During your Initial Setup Wizard you would have entered a PeerSync Installation Executable, and you would see its details in this section of the POC. If you need to add a different PeerSync Executable, to be used for a separate Deployment, simply click on **Add New Exe**.



Once clicked on Add New Exe you will be able to add a PeerSync Installation Executable to be used in the Profile Creation and Deployment Creation section of the Operations Center.

Add New Executable

Comment:

Please browse to the Executable to upload it to the POC.

Exe:

Step 3 - PeerSync Profile (Backup Specs)

To Create the PeerSync Profile click on the Profiles Tab and click on the New Profile icon.

Home Profiles Deployment Activity Settings Accounts

Profile Management

View All New Profile Help

Inactive (No Jobs) Active Managed by Deployment

Below you will find a list of configured Profiles

| | Profile Name | Version | Last Save | Created On |
|--|---------------|---------|-----------------------|-----------------------|
| | Test Profile2 | 8.6.6 | 8/14/2012 10:13:03 AM | 8/14/2012 10:12:41 AM |
| | Users Backup | 8.6.6 | 8/15/2012 2:48:40 PM | 8/15/2012 2:48:40 PM |
| | Test Profile | 8.6.6 | 7/17/2012 12:26:23 PM | 7/17/2012 12:26:04 PM |

Next fill in the New Profile input sections below:

Create New Profile

Profile Description:

Executable: Select an Executable ▾

Hide Profiler:

Hide Splash Screen:

Show Tray Icon:

Enable Managed Files

Please Note: If any of the Jobs for this Profile will be using Managed Files you must enable the Managed Files functionality here.

Managed Files Interval: 120 Minutes ▾

Create Profile

PLEASE NOTE: If your POC is set in Server Package Mode you would see the following New Profile Form:

Create New Profile

Profile Description:

Executable: Select an Executable ▾

Enable Managed Files
! Please Note: If any of the Jobs for this Profile will be using Managed Files you must enable the Managed Files functionality here.

Managed Files Interval: 120 Minutes ▾

Job Threads: 5 ▾

Copy Threads: 10 ▾

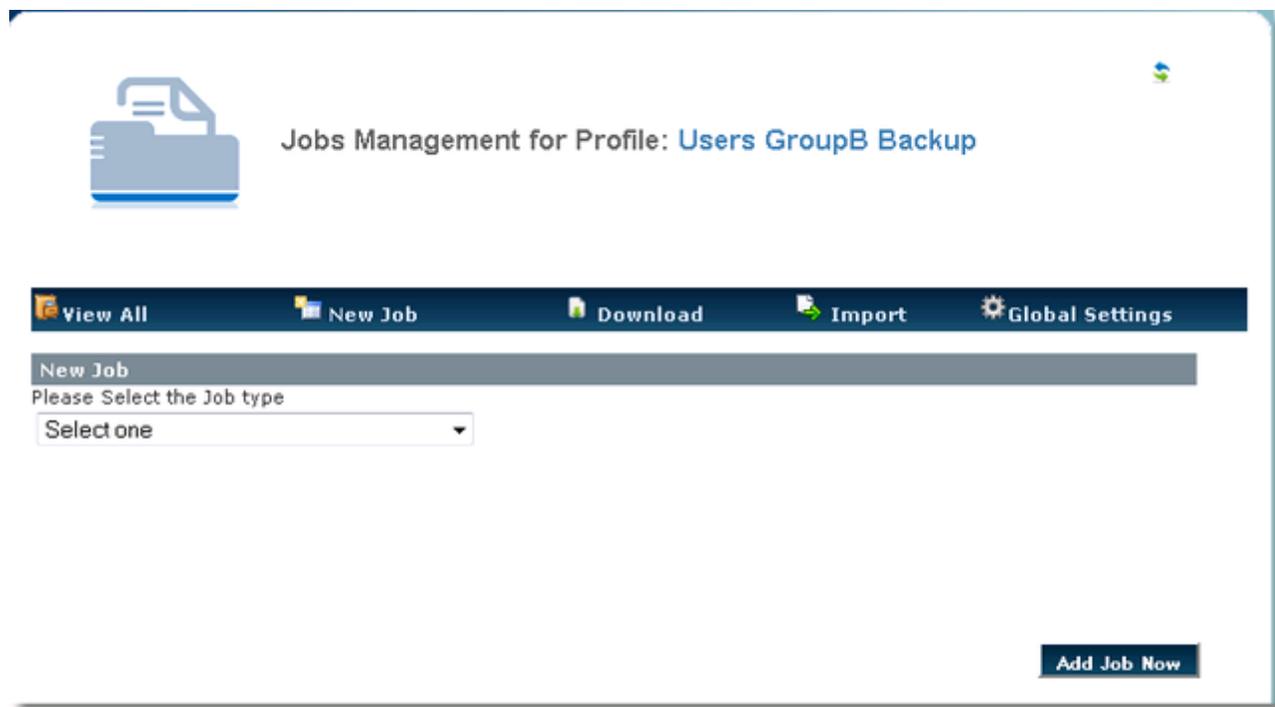
Create Profile

| Create New Profile Options | |
|-------------------------------|--|
| Profile Description | Enter here a Profile Description |
| Hide Profile | <p>Enable this option if you want to hide the Profiler upon activation of PeerSync</p> <p><i>*This option is only available if running the POC in Workstation Mode</i></p> |
| Hide Splash Screen | <p>Enable this option to hide the PeerSync Splash Screen at startup for both the PeerSync and the Profiler applications</p> <p><i>*This option is only available if running the POC in Workstation Mode</i></p> |
| Show Tray Icon | <p>An icon will appear on the system tray when the PeerSync Engine is loaded. A menu will appear if a user right-clicks on it, which can allow for the termination of PeerSync . To hide the PeerSync system tray icon leave this option unchecked</p> <p><i>*This option is only available if running the POC in Workstation Mode</i></p> |
| Enable Managed Files | If the PeerSync Profile being created will be distributed with a license that includes a Managed Files feature, (EOFM or VSS) enable this option to allow the option to be configured in the Job configuration section. |
| Managed Files Interval | Enter here the Managed Files Interval. By default, the Managed Files will run every 120 minutes, but this interval can be set as low as 30 minutes. You can configure this setting here. |
| Job Threads | Set the number of Job Threads. Job threads are used for parallel processing of Jobs. This value specifies the maximum number of jobs to run parallel to one another. |

| | |
|---------------------|---|
| | <i>*This option is only available if running the POC in Server Mode</i> |
| Copy Threads | <p>Set the number of Copy Threads. Copy Threads allow copy of multiple files in parallel processes, instead of sequentially.</p> <p><i>*This option is only available if running the POC in Server Mode</i></p> |

1. Configure Backup Jobs

To add jobs to a PeerSync Profile, click on the Profile within the Profiles section of the Operations Center. The Job Management Window will open for you to Add a new Job or Edit/Manage existing Jobs.



Add a New Job

Click on the New Job icon. Select between the available Job Types:

| Job Types | |
|---|---|
| Stats Push to Operations Center * | <p>Configure this job to enable PeerSync Activity monitoring through the POC.</p> <p>*THIS JOB IS REQUIRED FOR ACTIVATING PeerSync BACKUP MONITORING</p> |
| Network Backup (One Way Real-Time) | Choose this Job type for configuring a local source folder |

| | |
|--|---|
| | backup to a Network Share path (UNC). |
| Remote Backup (One Way Real-Time) | <p>Choose this Job type for configuring a local source folder backup to a Remote destination.</p> <p>PLEASE NOTE: This Job utilizes the TCP WAN Connector AddOn feature. Choose this option only if you have purchased the TCP WAN Connector and this Profile will be distributed with a license that has this option enabled.</p> |

* This Job is visible only if your [Global Deployment Settings](#) have been set.

Now go through the Job Wizard of the specific Job Type to complete your Job setup.

1.1 Stats Push Job

The Stats Push Job will be enabled only if your [Global Deployment Settings](#) have been set.

This Job is required to push the PeerSync Backup Activity to the POC, allowing for monitoring through Stats Display and Email Reporting/Alerts.

| Step 1. Folder Selection | |
|---|---|
| Name | The Job Name is not editable |
| Source: | <p>The Source will be set to %profilepath%.</p> <p><i>The xml Stats Files will be located in the same directory where the PeerSync Profile resides. You should NOT have to change this value.</i></p> |
| Target: | <p>The Target path will be pre-filled with your Global Deployment Settings --> Stats Path</p> <p>You can choose to update this value if needed, however make sure you include either %username% or %computename% to send your stats to that user or machine-specific folder, within your PeerSync Stats Repository.</p> <p>Examples: "\\POCServer\PeerSyncStats\Users\%username%" "\\POCServer\PeerSyncStats\Servers\%computename%\\" </p> |
| Identify File and Folder Exceptions: | The Include Files filter will be set to include %profilename%.cur.xml and %profilename%.snc.log. You should NOT have to make modifications to this filter. |
| Step 2. Save | |
| Review your chosen settings and Save to complete Job Setup. | |

1.2 Network Backup Job

| Step 1. Folder Selection | |
|--|---|
| Name | Enter here the Job Name |
| Source: | <p>Enter a local source folder path. If you want to create a single generic Profile to be used by all laptops/workstations, try using variables in all the path fields throughout the application. The example below demonstrates the %UserName% variable which dynamically resolves to the name of the current user that is logged on. You may find a listing of all available variables in our Help Manual.</p> <p>Example: (specify a user's My Documents source and destination directories)</p> <p>Source - C:\Documents and Settings\%UserName%\My Documents\</p> |
| Target: | <p>Enter here the UNC Path of the folder on the Backup server. Here you may also make use of the PeerSync Variable to specify the User's backup folder.</p> <p>Example: Target – \\Server\Share\BackUp\%UserName%\</p> |
| Identify File and Folder Exceptions: | Add here any filtering for File include, File Exclude and Folder Excludes. |
| Step 2. Mode | |
| Overwrite the Target File if Source file is older | Enable this option if you want to make the source folder the Master regardless if the files on the target folder are newer. |
| Transfer NT Security Descriptors (DACL and SACL) | Enable this option to allow transfer of NT Security Descriptors |
| Enable ByteReplicator | <p>Enable this option if you want to have byte-level replication on file updates.</p> <p>PLEASE NOTE: Enable this option only if you have purchased the ByteReplicator AddOn and this Profile will be distributed with a license that has this option enabled. If not, this Job will not function as expected.</p> |
| Use Encryption | <p>This option enables encryption for ByteReplicator transfers.</p> <p>PLEASE NOTE: The PSListener, installed on the backup server, has to be configured with the same encryption information (user name and a password) in order to function properly.</p> |
| Step 3. Automation | |
| Would you like to run an initial Scan? | <p>Enable Full Scan at Start (One Way): if this option is enabled, an initial synchronization scan will be initiated at the start of the PeerSync to make sure your source and target folder data is in sync. This scan is in a one-way mode and newer data from the Target folder will not be pulled back.</p> <p>Enable Scan At Start (Bi-Directional): if this option is enabled an initial synchronization scan will be initiated at the start of the PeerSync to make sure your source and target folder data is in sync. This scan will merge the content of the two folders keeping the latest files. If newer files exist on the target folder they will be pulled back to the source folder to</p> |

| | | | | | | | | | | | | | |
|--|---|---|---|---|--|---|---|---------------------------------------|--|---|---|---|--|
| | overwrite older files. | | | | | | | | | | | | |
| Enable Enhanced Scanning * | <p>Enhanced Scanning provides the ability to build multiple dynamic Jobs for parallel processing of folders during scans. This will significantly improve the time PeerSync takes to scan through directories. By default PeerSync scans through a Job sequentially, one folder at a time. With the Enhanced Scan option enabled, PeerSync will spawn a Job Thread for each folder or subfolder encountered during a scan.</p> <p>To enable the Enhanced Scan feature move the slider to the right. Each slide position represents a depth level of 2, 3, 4, and 5 respectively. Each value represents the depth level at which PeerSync will spawn a Job thread for each folder it encounters.</p> | | | | | | | | | | | | |
| Step 4. Misc/Performance | | | | | | | | | | | | | |
| Which File Events do you want to process? | Select here the file event types, Add, Update and Delete. | | | | | | | | | | | | |
| Would you like to keep multiple versions of your files? | Enable Revisioning to keep multiple versions of a file and select the number of file versions to keep. | | | | | | | | | | | | |
| Bandwidth Throttling* | This feature is designed to limit or slow down the pulse of reads and writes performed by PeerSync, at the percentage specified, in order to keep bandwidth available for other applications to use. This is done at the file level and is performed by each Copy Thread during the transfer of each file. As we copy a file, we track how long it takes to read and write data from the source to the target. Every 100 milliseconds from the start of a file transfer we calculate how much time to allot for processing and sleeping based on the percentage set for the option. | | | | | | | | | | | | |
| Read/Write Buffer Size* | This feature allows you to change the read/write buffer sizes to optimize performance/speed across various network environments or on the local machine. In most cases, this will increase performance dramatically, but you will probably need to test this feature in your environment to determine what advantages can be gained from altering this size. | | | | | | | | | | | | |
| Step 5. Alerts | | | | | | | | | | | | | |
| Enable Email Alerts | <p>This option enables PeerSync Email Notifications with the following send options:</p> <p><u>ALERT TYPES</u> Errors/Messages Only: Including Errors/Messages Only Summary/Messages: Including Errors/Messages and Summary Information Standard Report Content: Including Standard Report Content (Below is the default Report Content Enabled in PeerSync Reporting Section)</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <p>Report File Content</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Added files</td> <td><input checked="" type="checkbox"/> Updated files</td> <td><input checked="" type="checkbox"/> Summary</td> <td><input checked="" type="checkbox"/> Messages</td> </tr> <tr> <td><input checked="" type="checkbox"/> File date</td> <td><input checked="" type="checkbox"/> File time</td> <td><input type="checkbox"/> Folder names</td> <td><input checked="" type="checkbox"/> Exceptions</td> </tr> <tr> <td><input checked="" type="checkbox"/> File size</td> <td><input checked="" type="checkbox"/> Transfer time</td> <td><input checked="" type="checkbox"/> Folder creation</td> <td><input checked="" type="checkbox"/> ACLs</td> </tr> </table> </div> <p><u>SEND OPTIONS</u> Send Email At Start: Send an email at the Start of the PeerSync Backup Send Email At Stop: Send an email at the Stop of the PeerSync Backup Send For Each Error Message: Send and Email in Real-Time when an Error Occurs Send After Each Scan: Send an email at the end of a scheduled or Scan at start.</p> <p><u>ADDITIONAL SEND CYCLE OPTIONS</u></p> | <input checked="" type="checkbox"/> Added files | <input checked="" type="checkbox"/> Updated files | <input checked="" type="checkbox"/> Summary | <input checked="" type="checkbox"/> Messages | <input checked="" type="checkbox"/> File date | <input checked="" type="checkbox"/> File time | <input type="checkbox"/> Folder names | <input checked="" type="checkbox"/> Exceptions | <input checked="" type="checkbox"/> File size | <input checked="" type="checkbox"/> Transfer time | <input checked="" type="checkbox"/> Folder creation | <input checked="" type="checkbox"/> ACLs |
| <input checked="" type="checkbox"/> Added files | <input checked="" type="checkbox"/> Updated files | <input checked="" type="checkbox"/> Summary | <input checked="" type="checkbox"/> Messages | | | | | | | | | | |
| <input checked="" type="checkbox"/> File date | <input checked="" type="checkbox"/> File time | <input type="checkbox"/> Folder names | <input checked="" type="checkbox"/> Exceptions | | | | | | | | | | |
| <input checked="" type="checkbox"/> File size | <input checked="" type="checkbox"/> Transfer time | <input checked="" type="checkbox"/> Folder creation | <input checked="" type="checkbox"/> ACLs | | | | | | | | | | |

| | |
|---|---|
| | <p>For Every Event: Send an email in Real-Time for Every Event</p> <p>On Interval: Send an email on an interval</p> <p>Daily: Send an email once a day</p> <p>Weekly: Send an email on a specific day of the week</p> |
| Step 6. Save | |
| Review your chosen settings and Save to complete Job Setup. | |

**This option is only available if running the POC in Server Mode*

1.3 Remote Backup Job

Please Note: This Job Type requires the AddOn feature TCP WAN Connector to be enabled on the license that is distributed with this Profile.

| | |
|--|--|
| Step 1. Folder Selection | |
| Name | Enter here the Job Name |
| Source: | <p>Enter a local source folder path. If you want to create a single generic Profile to be used by all laptops/workstations try using variables in all the path fields throughout the application. The example below demonstrates the %UserName% variable which dynamically resolves to the name of the current user that is logged on. You may find a listing of all available variables in our Help Manual.</p> <p>Example: (specify a user's My Documents source and destination directories)</p> <p>Source - C:\Documents and Settings\%UserName%\My Documents\</p> |
| Target TCP Server information: | <p>Enter here the TCP Server information for the Remote Server.</p> <p>Host: IP Address of the Host Server</p> <p>Port: Default is 7333 (this port number has to match the Port number used by the PSListener on the target server)</p> <p>Path on Host: Local path to the folder** on the remote server</p> <p>TCP Encryption: Enter here a user name and password for encryption. (This information has to match what is in the PSListener configuration).</p> <p>**Here you may also make use of the PeerSync Variable to specify the User's backup folder.</p> <p>Example: Target – C:\BackUpSrv\%UserName%\</p> |
| Identify File and Folder Exceptions: | Add here any filtering for File include, File Exclude and Folder Excludes. |
| Step 2. Mode | |
| Overwrite the Target File if Source file is older | Enable this option if you want to make the source folder the Master regardless if the files on the target folder are newer. |

| | |
|--|--|
| Transfer NT Security Descriptors (DACL and SACL) | Enable this option to allow transfer of NT Security Descriptors. |
| Enable ByteReplicator | Enable this option if you want to have byte-level replication on file updates. PLEASE NOTE: Enable this option only if you have purchased the ByteReplicator AddOn and this Profile will be distributed with a license that has this option enabled. If not, this Job will not function as expected. |
| Use Encryption | This option enables encryption for ByteReplicator transfers. PLEASE NOTE: The PSListener, installed on the backup server, has to be configured with the same encryption information (user name and a password) in order to function properly. |
| Step 3. Automation | |
| Would you like to run an initial Scan? | <p>Enable Full Scan at Start (One Way): if this option is enabled, an initial synchronization scan will be initiated at the start of the PeerSync to make sure your source and target folder data is in sync. This scan is in a one-way mode, newer data from the Target folder will not be pulled back.</p> <p>Enable Scan At Start (Bi-Directional): if this option is enabled, an initial synchronization scan will be initiated at the start of the PeerSync to make sure your source and target folder data is in sync. This scan will merge the content of the two folders keeping the latest files. If newer files exist on the target folder they will be pulled back to the source folder to overwrite older files.</p> |
| Enable Enhanced Scanning * | <p>Enhanced Scanning provides the ability to build multiple dynamic Jobs for parallel processing of folders during scans. This will significantly improve the time PeerSync takes to scan through directories. By default PeerSync scans through a Job sequentially, one folder at a time. With the Enhanced Scan option enabled PeerSync will spawn a Job Thread for each folder or subfolder encountered during a scan.</p> <p>To enable the Enhanced Scan feature, move the slider to the right. Each slide position represents a depth level of 2, 3, 4, and 5 respectively. Each value represents the depth level at which PeerSync will spawn a Job thread for each folder it encounters.</p> <p><i>*This option is only available if running the POC in Server Mode</i></p> |
| Step 4. Misc/Performance | |
| Which File Events do you want to process? | Select here the file event types, Add, Update and Delete |
| Would you like to keep multiple versions of your files? | Enable Revisioning to keep multiple versions of a file and select the number of file versions to keep. |
| Bandwidth Throttling* | This feature is designed to limit or slow down the pulse of reads and writes performed by PeerSync, at the percentage specified, in order to keep bandwidth available for other applications to use. This is done at the file level and is performed by each Copy Thread during the transfer of each file. As we copy a file, we track how long it takes to read and write data from the source to the target. Every 100 milliseconds from the start of a file |

| | | | | | | | | | | | | | |
|---|--|---|---|---|--|---|---|---------------------------------------|--|---|---|---|--|
| | transfer we calculate how much time to allot for processing and sleeping based on the percentage set for the option. | | | | | | | | | | | | |
| Read/Write Buffer Size* | This feature allows you to change the read/write buffer sizes to optimize performance/speed across various network environments or on the local machine. In most cases this will increase performance dramatically but you will probably need to test this feature in your environment to determine what advantages can be gained from altering this size. | | | | | | | | | | | | |
| Step 5. Alerts | | | | | | | | | | | | | |
| Enable Email Alerts | <p>This option enables PeerSync Email Notifications with the following send options:</p> <p>ALERT TYPES Errors/Messages Only: Including Errors/Messages Only Summary/Messages: Including Errors/Messages and Summary Information Standard Report Content: Including Standard Report Content (Below is the default Report Content Enabled in PeerSync Reporting Section)</p> <div data-bbox="479 745 1218 892" style="border: 1px solid #ccc; padding: 5px;"> <p>Report File Content</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Added files</td> <td><input checked="" type="checkbox"/> Updated files</td> <td><input checked="" type="checkbox"/> Summary</td> <td><input checked="" type="checkbox"/> Messages</td> </tr> <tr> <td><input checked="" type="checkbox"/> File date</td> <td><input checked="" type="checkbox"/> File time</td> <td><input type="checkbox"/> Folder names</td> <td><input checked="" type="checkbox"/> Exceptions</td> </tr> <tr> <td><input checked="" type="checkbox"/> File size</td> <td><input checked="" type="checkbox"/> Transfer time</td> <td><input checked="" type="checkbox"/> Folder creation</td> <td><input checked="" type="checkbox"/> ACLs</td> </tr> </table> </div> <p>SEND OPTIONS Send Email At Start: Send an email at the Start of the PeerSync Backup Send Email At Stop: Send an email at the Stop of the PeerSync Backup Send For Each Error Message: Send and Email in Real-Time when an Error Occurs Send After Each Scan: Send an email at the end of a scheduled or Scan at start.</p> <p>ADDITIONAL SEND CYCLE OPTIONS For Every Event: Send an email in Real-Time for Every Event On Interval: Send an email on an interval Daily: Send an email once a day Weekly: Send an email on a specific day of the week</p> | <input checked="" type="checkbox"/> Added files | <input checked="" type="checkbox"/> Updated files | <input checked="" type="checkbox"/> Summary | <input checked="" type="checkbox"/> Messages | <input checked="" type="checkbox"/> File date | <input checked="" type="checkbox"/> File time | <input type="checkbox"/> Folder names | <input checked="" type="checkbox"/> Exceptions | <input checked="" type="checkbox"/> File size | <input checked="" type="checkbox"/> Transfer time | <input checked="" type="checkbox"/> Folder creation | <input checked="" type="checkbox"/> ACLs |
| <input checked="" type="checkbox"/> Added files | <input checked="" type="checkbox"/> Updated files | <input checked="" type="checkbox"/> Summary | <input checked="" type="checkbox"/> Messages | | | | | | | | | | |
| <input checked="" type="checkbox"/> File date | <input checked="" type="checkbox"/> File time | <input type="checkbox"/> Folder names | <input checked="" type="checkbox"/> Exceptions | | | | | | | | | | |
| <input checked="" type="checkbox"/> File size | <input checked="" type="checkbox"/> Transfer time | <input checked="" type="checkbox"/> Folder creation | <input checked="" type="checkbox"/> ACLs | | | | | | | | | | |
| Step 6. Save | | | | | | | | | | | | | |
| Review your chosen settings and Save to complete Job Setup. | | | | | | | | | | | | | |

**This option is only available if running the POC in Server Mode*

Step 4 - Deployment Settings

To Create a Deployment simply go to the Deployment tab of the Peer Operations Center and choose New Deployment.

Deployment Management

View All + New Deployment Help

Below you will find a list of configured Deployments

| | Description | Associated Users | Profile |
|--|-------------------------|---|--------------|
| | Backup Users Deployment | DANIELAD PEERADMIN FRANKB RNRA | Test Profile |

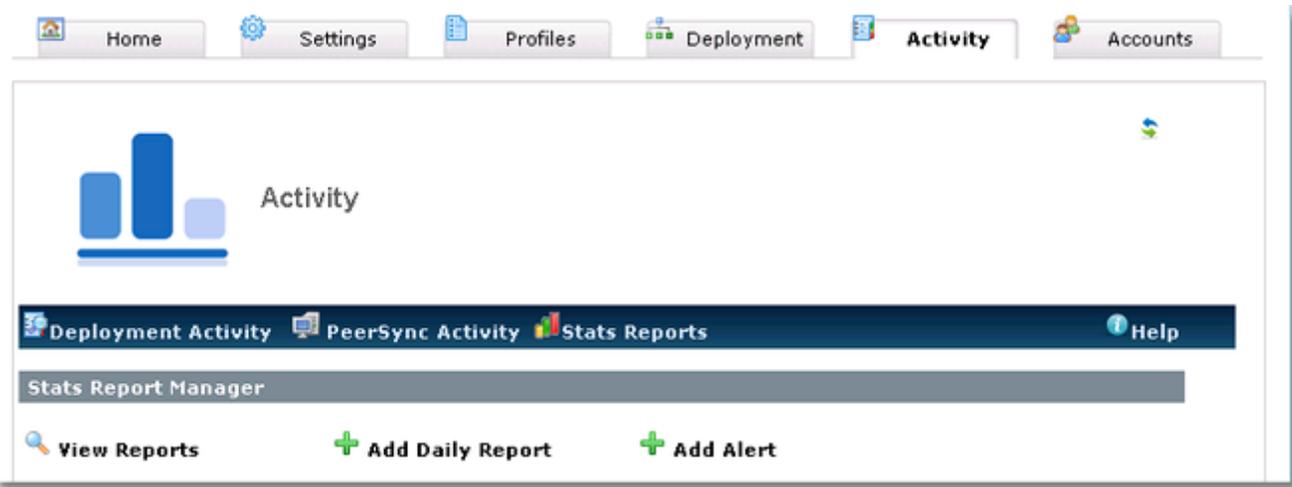
Now go through the different sections of the New Deployment Wizard to create the Deployment.

| Step 1. General | |
|--|---|
| Title | Enter here the Deployment Title |
| Select a PeerSync Profile | Select a Profile from the drop down list which includes your previously configured PeerSync Profiles. |
| Select a License | Select a PeerSync License to associate with this Deployment and PeerSync Silent Install. |
| Select Executable | Select a PeerSync Executable to associate with this Deployment and PeerSync Silent Install. **Executable must be compatible with License |
| Automate Profile to Run at Startup* | If you want the PeerSync Profile to be automated on the user's laptop to run at Startup, enable this option and the process will generate a Startup Shortcut for your Silent Install. |
| Step 2. Security | |
| Password-Protect the PeerSync Profile | Enable this option if you want the process to create a password file to be distributed with your installation. This |

| | |
|--|---|
| | will Password protect the Profile from being edited or stopped. |
| Set Profile to Read-Only | Enable this option to set the PeerSync Profile in a Read-Only state to prevent users from modifying it. |
| Set Automatic Updates | This section is not yet functioning since PeerSync communication with the Peer Operations Center is not yet available. |
| Step 3. Association | |
| Associate by Machine | When associating by Machine, PeerSync will auto associate the computer to the Deployment via direct communication with the Peer Operations Center. |
| Associate Users with the Deployment* | <p>Add Active Directory Users: Use this option to connect to Active Directory to poll users based on user ID or User Group. (PLEASE NOTE: Proper LDAP settings have to be set in the Settings Section in order for this AD integration to work)</p> <p>Add Users Manually: Enter user information manually. For the Login ID: Enter here the UserID only without the Domain Name.</p> |
| Step 4. Silent Install | |
| Silent Install Settings | <p>Installation Folder Path: This is the location where the PeerSync will be installed.</p> <p>Disable Install Reboot: disable machine reboot, if possible, after installation.</p> <p>Install PSProfiler: enable the installation of the PeerSync Profiler application for profile configuration.</p> <p>Install PSWizard: enable the installation of the PSWizard application.</p> <p>Install SNMP: enable installation of the SNMP driver.</p> <p>Disable Quick-sync: disable the quick-sync feature available through folder right click.</p> |
| Step 5. Review & Save | |
| Review your chosen settings and Save to complete Deployment Setup. Upon save a Silent Installation will also be generated and compressed into a ZIP file ready for Distribution. | |

*This option is only available if running the POC in Workstation Mode

Monitor your Deployment



Through the Activity Tab the Operations Center user will be able to monitor the state of the PeerSync deployment, through the following functionality:

- [PeerSync Activity](#)
- [Stats Reports](#)

PeerSync Activity

This Peer Operations Center allows you to monitor your PeerSync status through a PeerSync Activity control. You can find the PeerSync Activity control in the Activity Tab. **Make sure your PeerSync profiles are configured with the appropriate [Stats Push Job](#) to be able to utilize this feature.**

Through this PeerSync Activity panel you can filter your PeerSync Stats to view only specific PeerSync machines' stats, and/or Export the stats to Excel to perform further analysis.

Stale Stats will show in Red as seen in the below screenshot. The Stale Stats window is set to 48 hours by default in Workstation Mode, and 2 Minutes in Server Mode. This value can be update through the Settings Tab-->[Activity Settings section](#).

PeerSync Activity

View All ▼
Stats Filtering Panel

Advanced Filtering

Filter By ▼
Contains ▼

Get Stats
Clear
 Stale Stats Only

| Machine | User | Age(Hrs) | Started | Duration | Checked | Added | Updated | Excluded | Messages | Failed Scans | Failed Events | Status |
|----------------------|---------------|----------|--------------------------|------------|---------|--------|---------|----------|----------|--------------|---------------|---|
| Stats Overview Panel | | | | | | | | | | | | |
| REGSERVER | N/A | 0 | 8/9/2012 4:53:15 PM | 143:03:31 | 1247560 | 1379 | 52992 | 63399 | 42 | 2 | 0 | Source Folders are Not Available for 2 out of 18 Jobs |
| PHANTOM | Administrator | 0 | | 1183:32:06 | 4429554 | 1476 | 4257339 | 156349 | 8084 | 0 | 0 | Normal |
| CRMSERVER | N/A | 0 | 6/27/2012 2:00:55 PM | 1177:56:00 | 1982670 | 1612 | 893229 | 1072118 | 4012 | 0 | 0 | Normal |
| DELLR300 | EntAdmin | 0 | 6/15/2012 12:02:55 PM | 1467:54:29 | 7221328 | 254615 | 687021 | 1062904 | 12528 | 9 | 0 | Source Folders are Not Available for 9 out of 46 Jobs |
| L-8XP4XL1 | zdalley | 5022 | 1/17/2012 7:04:53 AM | 50:46:03 | 303 | 0 | 250 | 15 | 9 | 1 | 0 | Source Folders are Not Available for 1 out of 3 Jobs |
| L-2M1N5D1 | N/A | 5088 | 1/16/2012 8:25:59 AM | 02:10:14 | 44 | 0 | 29 | 14 | 0 | 0 | 0 | Normal |
| L-7FYL1M1 | N/A | 5556 | 12/27/2011 8:11:23 PM | 04:26:58 | 288 | 0 | 270 | 17 | 0 | 0 | 0 | Normal |
| L-26YL1M1 | wlamorte | 5022 | 1/19/2012 8:30:06 AM | 01:23:14 | 109 | 0 | 83 | 6 | 0 | 0 | 0 | Normal |
| L-6ZYHF1 | N/A | 5036 | 1/17/2012 7:03:19 AM | 33:45:46 | 282 | 0 | 246 | 29 | 10 | 0 | 0 | Normal |
| L-7M0M1M1 | N/A | 5022 | 1/19/2012 9:38:17 AM | 00:15:03 | 32 | 0 | 4 | 17 | 0 | 0 | 0 | Normal |

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | ...

Current Page
 All Pages
 Top 100 Rows

Stats Export Panel

Export to Excel

| PeerSync Stats Overview Panel | |
|-------------------------------|---|
| Machine | This Column show the Computer Name of the specific Stats record |
| User | The User running the PeerSync application. <i>*Please Note: For those machines running older versions of PeerSync the user may show as N/A</i> |
| Age | Age indicates the Age of the Stats being reported. If the Stats are older than the specified Stale Window the line item will show in Red indicating that the specific machine |

| | |
|----------------------|---|
| | is in an outdated/stale state. By clicking on the Stats Age you can access the Session Stats screen with more info on that machine's activity. |
| Started | This Column displays the Start time of the PeerSync for this specific Stats record. |
| Duration | This Column indicates how long the PeerSync has been running for. |
| Checked | This is an indicator of the number of files checked. |
| Added | Reported Number of files Added. |
| Updated | Reported Number of files Updated. |
| Excluded | Reported Number of Files Excluded. |
| Messages | Number of Messages for this Profile reported. |
| Failed Scans | Number of Failed Scans, if any. |
| Failed Events | Number of Failed Files, if any. |
| Status | Overall Status of PeerSync. |

| | |
|---------------------------------------|---|
| PeerSync Stats Filtering Panel | |
| Stats Group Selection | Depending on the way stats are sent to the Operations Center, your stats may have main groupings and sub groupings that you can filter by. |
| Advanced Filtering | |
| Filter By | <p>Computer Name: the machine name of the PeerSync computer.</p> <p>User Name: the User running PeerSync</p> <p>Age: the age of the stats, based on the modified time of the stats file</p> <p>Failed Scans: stats for machines with failed scans</p> <p>Failed Events: stats for machines with failed events</p> <p>Failed All: stats for machines with failed event and/or failed scans</p> |
| Filter Mode | <p>Contains: 'like' filtering mode (<i>valid for: Computer Name and User Name filtering options</i>)</p> <p>Equals: 'exact match' filtering mode (<i>valid for: Computer Name and User Name filtering options</i>)</p> <p>Greater Than: greater than x hours (<i>valid for Age filtering option</i>)</p> <p>Less Than: less than x hours (<i>valid for Age filtering option</i>)</p> <p>RegEx: using Regular Expressions (<i>valid for: Computer Name, User Name and Age filtering options</i>)</p> <p>Failed All: stats for machines with failed event and/or failed scans</p> |

| | |
|---------------------------|--|
| Running | How long the PeerSync has been running for. |
| Status | Overall Status of PeerSync. |
| Checked | This is an indicator of the number of files checked. |
| Added | Reported Number of files Added. |
| Updated | Reported Number of files Updated. |
| Excluded | Reported Number of Files Excluded. |
| Messages | <p>Number of Messages for this Profile reported. By Clicking on the message count you can access a Message Log Screen with detailed information reported by PeerSync regarding the specific messages.</p> <p><i>*This log file can only be shown if the option to enable Profile Messages is turned on in PeerSync, and the ProfileName.snc.log file is being sent to the Operations Center.</i></p> |
| Deleted | Number of Files Deleted |
| Bytes Transferred | The total number of bytes that were transferred for this Profile during the current run. |
| Bytes Saved Via BR | <p>The number of bytes saved by using the ByteReplicator.</p> <p><i>*This stat value will only be filled in if the PeerSync is running a license with ByteReplicator and the option is turned on.</i></p> |

| Profile Events Stats | |
|-----------------------------|--|
| Total Events | Shows the total number of events detected for the PeerSync profile as well as number of active events currently being processed. |
| Events Average | Displays the average number of events that occurred per minute. The average size of the events are also noted. |
| Events Peak | Highest number of events detected during the current run of PeerSync. |
| Events In Process | Real-Time events in queue to process. |

| Job Scans Stats | |
|-------------------------|---|
| Name | Job Name of the specific scan that was recorded. Clicking on the Name will display a window with more in depth information regarding this specific scan . |
| Source | Source Path of the Scan Job. |
| Last Scan Result | Scan Result of the specific Job. |

2. Job Scan Stats

The Job Scan Stats page shows detailed information on a specific Job Scan.



PeerSync Job Scan Stats

Job ID: 6394942182135891870
Description: Data

Job Scan Statistics

Started at: 12/1/2010 3:52:25 AM | Scan Time: 00:02:19 | Status: Completed Successfully

| | | | |
|------------------|----------|-----------------|-------|
| Checked: | 11303 | Added: | 0 (0) |
| Excluded: | 5 (4804) | Deleted: | 0 (0) |
| Messages: | 0 | Updated: | 0 (0) |
| | | Stopped: | |

| Job Scan Stats | |
|------------------|---|
| Scan Time | The Start time of the PeerSync for this specific Job Scan. |
| Status | Overall Status of PeerSync for this Scan |
| Checked | This is an indicator of the number of files checked. |
| Added | Reported Number of files Added. |
| Updated | Reported Number of files Updated. |
| Excluded | Reported Number of Files Excluded. |
| Messages | <p>Number of Messages for this Scan reported. By Clicking on the message count you can access a Message Log Screen with detailed information reported by PeerSync regarding the specific messages.</p> <p><i>*This log file can only be shown if the option to enable Profile Messages is turned on in PeerSync, and the ProfileName.snc.log file is being sent to the Operations Center.</i></p> |
| Deleted | Number of Files Deleted |

| | |
|----------------|--|
| Updated | Number of Files Updated during this Scan |
| Stopped | When the Scan was stopped |

Stats Reports

The Peer Operations Center includes a Stats Report section, where you can create custom reports to be scheduled for specific days of the week and emailed to one or more recipients.

Stats Report Manager

 **View Reports**
 **Add Daily Report**
 **Add Alert**

Configured Daily Reports

Below is a list of the configured Reports.

| Date | Name | Schedule | Last Run Time | | |
|---|-----------------------|----------|---------------|---------------|-----------------|
| 5/16/2013  | Failed Machines Daily | Mo We | | Delete | Generate |

Configured Alerts

Below is a list of the configured Alerts.

| Date | Name | Stale | Failed Scan | Failed Events | Last Run Time | | |
|---|---------------|-------|-------------|---------------|-----------------------|---------------|-----------------|
| 5/15/2013  | ServersAlerts | True | True | True | 5/16/2013 11:18:41 AM | Delete | Generate |

PLEASE NOTE: IN ORDER FOR THE STATS REPORT NOTIFICATIONS TO BE ENABLED AND WORKING, THE STATS [SCHEDULING SERVICE](#) HAS TO BE INSTALLED AND RUNNING ON THE Peer Operations Center MACHINE.

- [Configuring the PeerBackup Scheduler](#)
- [Daily Stats Reports](#)
- [Real-Time Alerts](#)

1. Configuring the PeerBackup Scheduling Service

Step 1. Go to Start ->Programs->Peer Software->Peer Operations Center and Launch the PeerBackup Report Scheduler installation

Step 2. After the installation completes the PeerBackup Report Scheduler Service will be installed

Step 3. Go to the Services window and Open the PeerBackup Report Scheduler Service. Start the Service.

Step 4. Make sure your [SMTP settings](#) have been added in the Operations Center Web.config file.

****PLEASE NOTE:** If your Operations Center site does not resolve on the local machine as <http://localhost> you will also need to update an app setting in the config file. Please contact support@peersoftware.com for further assistance.

2. Daily Stats Report

To Create a Daily Stats Report click on the Add Daily Report button. You will not be able to Add a Report if the [PeerBackup Report Scheduler](#) has not been installed on the Operations Center machine.

Add Report

Please Enter here a descriptive Title for this Report

Select Report Template
 OR

Select the Stats Group

Select Advanced Filtering

[Proceed to Next Step](#)

| Add Daily Report Settings | |
|----------------------------------|---|
| Descriptive Title | Enter a title for the Stats Report. This will also be included in the Email Subject. |
| Select Report Template | Choose from one of the existing Report Templates or choose Custom Report to set Advanced Filtering. |
| Select Stats Group | Select the Stats Group for which you would like to receive stats on. |
| Select Advanced Filtering | Set Advanced Filtering for Custom Reports. The Advanced Filtering is same as the Advanced Filtering available in the PeerSync Stats Activity view. |
| Scheduling Details | <p>Check Off the days of the week you would like to schedule the report for.</p> <p><i>By default the reports will run at 00:00 (12AM), this can be changed if needed. Contact PEER Support for further assistance.</i></p> |

3. Real-Time Alerts

Real-Time Alerts are only available when running the POC in Server mode. If running in Workstation Mode, you can take advantage of [End User Notifications](#).

To Create a Real-Time Alert click on the Add Alert button. You will not be able to Add a Report if the [PeerBackup](#)

[Report Scheduler](#) has not been installed on the Operations Center machine.

Add Alert

Please Enter here a descriptive Title for this Alert

Select the Stats Group

No Groupings ▾

Select Advanced Filtering

Filter By ▾ Contains ▾

[Proceed to Next Step](#)

| Add Alert Settings | |
|----------------------------------|--|
| Descriptive Title | Enter a title for the Stats Report. This will also be included in the Email Subject. |
| Select Stats Group | Select the Stats Group for which you would like to receive stats on. |
| Select Advanced Filtering | Set Advanced Filtering for Custom Reports. The Advanced Filtering is same as the Advanced Filtering available in the PeerSync Stats Activity view. |
| Alert Types | <p>Stale Stats: this Option enables sending of Real-Time Alerts when a machine is in a Stale State, as well as the machine is Out of the Stale State</p> <p>Failed Events: this Option enables sending of Real-Time Alerts when a machine has Failed Events, as well as when the machine is Out of the Failed Events State.</p> <p>Failed Scans: this Option enables sending of Real-Time Alerts when a machine has Failed Scans, as well as when the machine is Out of the Failed Scans State.</p> |
| Report Recipients | Add one or more Email Recipients |

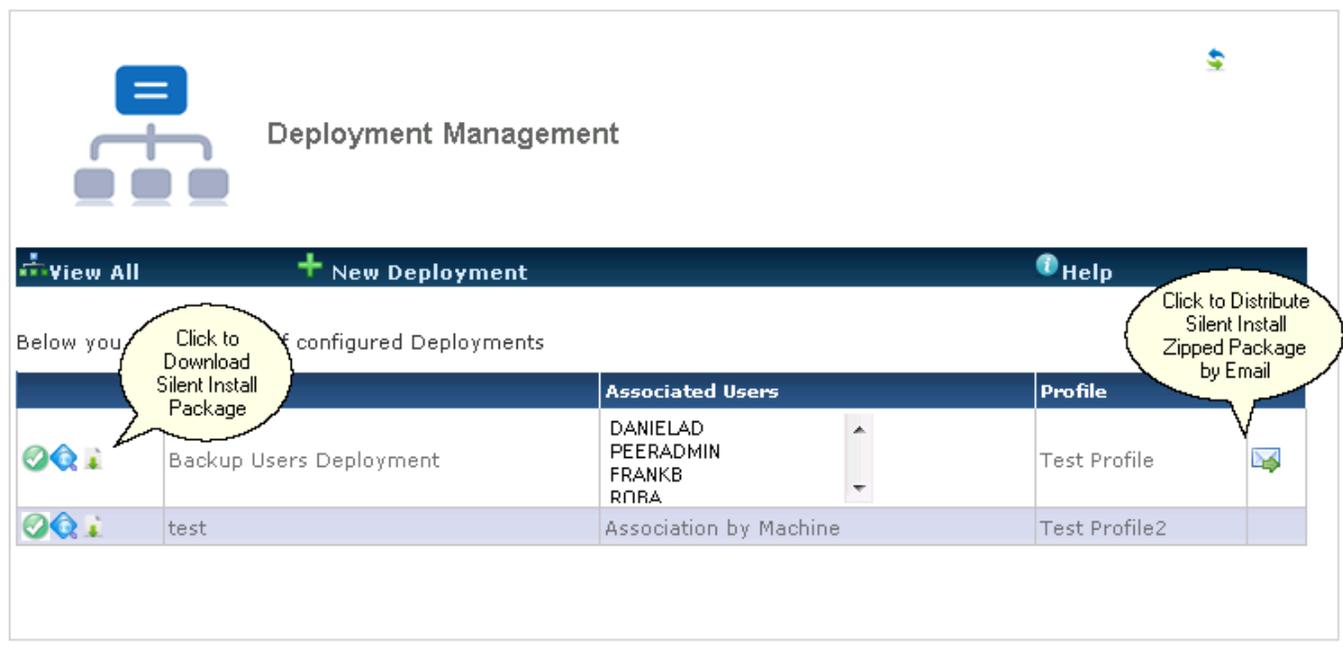
Manage your Deployment

Distribute your Deployment

There are several ways of distributing a PeerSync Deployment.

1. [Distribute the Deployment by Downloading Silent Install Package.](#)
2. [Distribute the Deployment through Operations Center Email Distribution*](#)
3. [Utilize third party tools to distribute the software to Users/Machines](#)

** Available for POC in Workstation Mode, for Deployment with Users Association*



1. Distribute the Deployment by Downloading Silent Install Package

Once the Silent Install Package has been downloaded, the Administrator can choose any third party tool to repackage the install or distribute the Silent Install Package compressed structure to users.

Silent Install Package Structure

| | |
|-----------------------|------------------------|
| Add To Common Startup | File folder |
| Add To Install Folder | File folder |
| Add To Windows Folder | File folder |
| ps.exe | Application |
| PSDEF.CFG | CFG File |
| Setup.cmd | Windows Command Script |

| Silent Install Package | |
|------------------------------|---|
| Add To Windows Folder | This folder will contain the encrypted password file if you chose to include password protection to your deployment. |
| Add To Common Startup | This folder will include the Shortcut to the Profile, if you chose to automate the PeerSync Backup from the Startup Folder. |
| Add To Install Folder | This folder will include the Profiles directory with the Profile associated to the deployment. |
| PSDEF.CFG | Config file with license information and Silent Install Settings (i.e. installation path, Install Profiler etc.) |

| | |
|------------------|---|
| Setup.cmd | Batch file to launch the PeerSync Executable with a Silent argument |
| ps.exe | PeerSync Executable |

2. Distribute Deployment Through Operations Center Email

The built-in Deployment Distribution is available for Deployments that have been associated with AD Users (Available in POC running in Workstation mode). This system will email the associated Active Directory users, a link to a protected page on the Operations Center where they can download the Silent Installation Package (above). The user will then decompress the package and run the silent installation on their machine.

Please Note: [SMTP settings](#) have to be configured in the web.config file for this section to work.

| Deployment Distribution | |
|--|--|
| Distribute To All | Email Silent Installation Package to All Users associated with the Deployment |
| Distribute to Users Not Part of a Previous Distribution | Email Silent Installation Package to All Users that have not been Emailed the Silent Install Package yet. <i>*This option is useful if additional users where added to a Deployment after creation, and we only want to email the silent install to those new users.</i> |
| Distribute to specific emails | Email Silent Installation Package to specific email addresses. <i>*The users accessing the Deployment will be authenticated against the list of AD users associated with the deployment. If the users accessing the link to the deployment, are not in the list of associated users, they</i> |

will receive a Security Error.

In the **Deployment Details**, the **Operations Center user will be able to see which user has downloaded the installation package**. In addition, whenever a user downloads the installation package, the Operations Center AdminEmail (configured in the web.config file) will be notified of such user download.

The screenshot shows the 'Deployment Details' page with a tree icon and the title 'Deployment Details'. Below the title are four tabs: 'General', 'Associated Users', 'Automatic Updates', and 'PeerSync Feedback'. The 'Associated Users' tab is active. At the top of the tab content are three buttons: 'View All', 'Add Active Directory Users', and 'Add Users Manually'. Below these buttons is a table with the following data:

| | Login ID | Full Name | Email | |
|--|-----------|-------------------|---------------------------|--------|
| | DANIELAD | Daniela Delgado | DanielaD@PeerSoftware.com | Update |
| | PEERADMIN | PeerAdmin | | Update |
| | FRANKB | Frank Bottiglieri | FrankB@PeerSoftware.com | Update |
| | ROBA | Rob Arciere | RobA@PeerSoftware.com | Update |

At the bottom left of the table area is a 'Save Changes' button.

3. Other Ways to Distribute a Software to Users/Machines

Using Group Policy

One common way to distribute software packages to end users is using Group Policy. Below is a link with some more detailed information on how to accomplish this in Windows 2003 and Windows 2008.

<http://support.microsoft.com/kb/816102>

Using Software Distribution in Configuration Manager (SCCM)

<http://technet.microsoft.com/en-us/library/bb632640.aspx>

Update your Deployment

Review this section for instructions for making updates to your PeerSync Deployment for automatic updates.

It is strongly recommended that all changes to a PeerSync License or Profile, be tested prior to enabling the Deployment Automatic Updates settings in the Deployment Settings section.

Disable the Deployment Automatic Settings prior to making your changes and re-enable these when you are ready for the changes to be propagated to your users/machines.

Make sure the changes you are making to your PeerSync Profile and/or License are valid for all the

machines that may be included in the Deployment.

- [Updated PeerSync License](#)
- [Update PeerSync Profile](#)

1. Update PeerSync License

Below are the steps to follow for updating a PeerSync License.

1. [Edit the PeerSync License Information](#)
2. [Update your Deployment Install Package](#)
3. [Test your Updated Install Package](#)
4. [Enable Automatic License Update](#)

1. Edit the PeerSync License Information

Go to the Settings Tab and click on the License(s) Manager.

PeerSync License Manager

View Licenses Add New License

Current Licenses

Below is a list of the available Licenses.

| View/Edit | Product | Date/Time | Description | Version | Comment | By User |
|-----------|----------|-----------------------|-------------------|---------|----------|----------------------|
| | PeerSync | 5/16/2013 11:21:22 AM | PS Server License | 9.0 | Full Key | BYTEMETRICS\DanielaD |

Click on the View/Edit button to make changes to the License Information.

After having made the License info changes, you will see the Associated Deployment's Silent Install Status in need of Reprocess.

Associated Deployments

Below is a list of Deployments Associated with this License.

| Status | Name | Silent Install Status |
|--------|-------------|-----------------------|
| | Server Depl | Reprocess |

2. Update your Deployment Install Package

You can update the Silent Install Package from the License/Associated Deployments section (above) by clicking on the Reprocess button, or through the Deployment Details Page.

3. Test your Updated Install

It is recommended to test the updated Installation with the updated license prior to enabling propagation to the production PeerSync machines. To do so, simply download the Install package from the Deployments Tab section.

4. Enable Automatic License Update

After you have validated the updated installation (including your updated License), enable the License Update/propagation in the Automatic Updates Tab of the Deployment Details section.

2. Update PeerSync Profile

Below are the steps to follow for updating a PeerSync Profile.

1. [Edit the PeerSync Profile Information](#)
2. [Update your Deployment Install Package](#)
3. [Test your Updated Install Package](#)
4. [Enable Automatic Profile Update](#)

1. Edit the PeerSync Profile

Open the Deployment Details and click on the Profile Name.

Deployment Details

General Automatic Updates PeerSync Feedback

General

Description: GroupA Deployment
 PeerSync Version: 9.0.5
 License: PS Server License
 Profile: **Users GroupA Backup**
 Run At Startup:
 Association by Machine:

Security

Read Only:
 Password:

Silent Install Settings

Installation Folder: C:\Program Files\Peer Software\PeerSync
 Install SNMP:
 Install PSWizard:
 Install PeerSync Profiler:
 Disable Install Reboot:
 Disable QuickSync:

Make the necessary changes to the Profile through the Job Management Screen

Jobs Management for Profile: Users GroupA Backup

View All New Job Download Import Global Settings

Below you will find a list of configured Jobs

| | | Job Info | Last Save |
|-------------------------------------|--|--------------------|--|
| <input checked="" type="checkbox"/> | | \$PushStatsToPOC\$ | 5/16/2013 11:09:46 (By: BYTEMETRICS\DanielaD) |
| <input checked="" type="checkbox"/> | | My Docs | 5/16/2013 11:10:02 (By: BYTEMETRICS\DanielaD) |

In this section you can update Profile's Global Settings or individual jobs. If you need to do custom/advanced configuration changes, you can Download the Profile to be updated outside of the POC, using the PeerSync Profiler. You can then Import the Profile back into the POC, in this same screen.

2. Update your Deployment Install Package

After the Profile has been updated, return to the Deployment Details Page and do a hard refresh, you will now see a Silent Install Out Of Date - Reprocess button at the top of the page. Click on that button to update your Install Package.

The screenshot shows the 'Deployment Details' page. At the top left is a blue menu icon. Below it is a tree view icon. The title 'Deployment Details' is centered. A dark blue button with white text reads 'Silent Install Out Of Date - Reprocess'. Below this are three tabs: 'General' (selected), 'Automatic Updates', and 'PeerSync Feedback'. The 'General' tab content includes a 'General' header and the following details:

| | |
|-------------------------|---|
| Description: | GroupA Deployment |
| PeerSync Version: | 9.0.5 |
| License: | PS Server License |
| Profile: | Users GroupA Backup (Profile is Out of Date: Modified on 5/16/2013) |
| Run At Startup: | <input checked="" type="checkbox"/> |
| Association by Machine: | <input checked="" type="checkbox"/> |

3. Test your Updated Install

It is recommended to test the updated Installation with the updated Profile prior to enabling propagation to the production PeerSync machines. To do so, simply download the Install package from the Deployments Tab section.

4. Enable Automatic Profile Update

After you have validated the updated installation (including your updated Profile), enable the Profile Update/propagation in the Automatic Updates Tab of the Deployment Details section.

The screenshot shows the 'Automatic Updates' tab selected. It features a 'Current Configuration' header and two settings:

| | |
|------------------------|---|
| Enable Profile Update: | <input checked="" type="checkbox"/> Disable |
| Enable License Update: | <input checked="" type="checkbox"/> Enable |

Admin Settings

Accounts

The Accounts tab is only available for users part of the OCAAdminUser Role.

Home Profiles Deployment Activity Settings **Accounts**

Accounts

Roles **Users**

Roles Manager

View Roles **Add New Role**

Existing Roles

Below is a list of the available Roles.

| | Name | |
|--------|---------------|--------|
| Select | OCAAdminUser | |
| Select | General Users | Delete |

- [Roles](#)
- [Users](#)

1. Roles

Through the Roles Manager you can View existing Roles, Add Users to existing Roles, Modify the Roles Specs and Add New Roles.

Roles Manager

View Roles **Add New Role**

Existing Roles

Below is a list of the available Roles.

| | Name | |
|--------|---------------|--------|
| Select | OCAAdminUser | |
| Select | General Users | Delete |

Add New Role

To Add a new Role, simply click on the Add New Role button and fill out the information below:

Add New Role

Role Name:

Is Read Only:

Is Deployment Limited:

Create Role

| Add New Role | |
|------------------------------|--|
| Role Name | A general name for the specific Role |
| Is Read Only | Check this option if you want the users part of this Role to be unable to make any modifications to Deployment and/or Profile Settings |
| Is Deployment Limited | <p>Enable this option if you want the users of this Role to be limited to only being able to view specific Deployments. This would include, only the PeerSync Stats for that Deployment, Profiles etc.</p> <p>This option is useful when you have different Deployment per Department or Region, for example, and you want to have Operations Center Users specific to each.</p> |

Add User to Existing Role

To Add a User to an Existing Role, simply Select the Role from the Roles list and Click on the Associated Users Tab shown below :

Existing Roles

Below is a list of the available Roles.

| | Name | |
|--------|------------------|---------------|
| Select | OCAAdminUser | |
| Select | General Users | Delete |
| Select | East Coast Users | Delete |

Specifications **Associated Users**

Add New Record

No Users have been associated with this Role.

Domain:

UserID:

Insert

| Add Associated User | |
|---------------------|-------------------------------------|
| Domain | Domain Name for the User |
| User | User Id of the Active Director user |

Modify Existing Role

To modify an Existing Role, simply Select the Role from the Roles list and change the settings by clicking on Update in the Specifications Tab below:

Existing Roles

Below is a list of the available Roles.

| | Name | |
|--------|------------------|---------------|
| Select | OCAdminUser | |
| Select | General Users | Delete |
| Select | East Coast Users | Delete |

Specifications Associated Users

| Name | Read Only | Deployment Limited | |
|------------------|-----------|--------------------|---------------|
| East Coast Users | False | True | Update |

Associated Deployments

Backup Users Deployment

Update Deployments

2. Users

Through the Users Manager you can View existing Users, Add Users to existing Roles, Remove users from a Role.

Users Manager

View Users
 Add New User

Existing Users

Below is a list of the PBOC Users.

| | Domain | UserID | Role |
|---------------|-------------|----------|------------------|
| | BYTEMETRICS | DANIELAD | OCAdminUser |
| Delete | DOMCO | USER1 | East Coast Users |

Add New User

To Add a User to an Existing Role, simply Click on Add New User and fill in the information below:

Add New User

Domain:

UserID:

Role: Select Role ▼

Add User
Cancel

| Add New User | |
|---------------|-------------------------------------|
| Domain | Domain Name for the User |
| UserID | User Id of the Active Director user |

| | |
|-------------|---|
| Role | Select the Role to associate this user to |
|-------------|---|