



# Retina Host Security Scanner

## Getting Started Guide

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## Introduction

This guide shows system administrators how to manually install, configure and use BeyondTrust Retina Host Security Scanner (RHSS).

## Documentation Set for Retina Host Security Scanner

The complete Retina Host Security Scanner documentation set includes the following:

- Retina Deployment Package Wizard
- Retina Host Security Scanner Getting Started Guide
- Retina PowerShell Integration Guide

## Overview

Retina Host Security Scanner is a modernized host-based vulnerability scanner that eliminates the need for connectivity between a traditional network scanner and its target asset. Extremely fast and highly accurate, Retina Host Security Scanner is a lightweight agent that's based on Retina's award winning technology, and over 10 years of in-market host-based scanning experience across thousands of enterprise customers.

Unlike network-based scanners, Retina Host Security Scanner resides on a machine, it collects vulnerability, configuration, and asset data locally and then sends that information to the BeyondInsight platform for centralized management, reporting, and analysis.

## Contacting Support

For support, go to our [Customer Portal](#) then follow the link to the product you need assistance with. The Customer Portal contains information regarding contacting Technical Support by telephone and chat, along with product downloads, product installers, license management, latest product releases, product documentation, webcasts and product demos.

### Telephone

#### Privileged Account Management Support

Within Continental United States: 800.234.9072

Outside Continental United States: 818.575.4040

## Vulnerability Management Support

North/South America: 866.529.2201 | 949.333.1997

+ enter access code

## All other Regions:

Standard Support: 949.333.1995

+ enter access code

Platinum Support: 949.333.1996

+ enter access code

## Online

<http://www.beyondtrust.com/Resources/Support/>

## Where to Get Retina Host Security Scanner

You can download Retina Host Security Scanner from our client portal, located at:

[www.beyondtrust.com/Resources/Support](http://www.beyondtrust.com/Resources/Support)

A username and password are required.

## Prerequisites

<b>BeyondTrust Solutions (Required)</b>	BeyondInsight 6.0 or higher
<b>Operating Systems</b>	Windows Server 2008 SP2 or higher (32-bit and 64-bit) Windows 7 (32-bit and 64-bit) Windows Server 2008 R2 SP1 or higher (64-bit) Windows 8 (32-bit and 64-bit) Windows Server 2012 (64-bit) Windows 8.1 (32-bit and 64-bit) Windows 10 (32-bit and 64-bit) Windows Server 2012 R2 (64-bit) Windows Server 2016 (64-bit)
<b>Processor</b>	Intel Dual Core 2.0Ghz (or compatible)
<b>Memory (RAM)</b>	8 GB
<b>Hard Drive</b>	4 GB
<b>Software</b>	- Microsoft .Net Framework 4.5.2 or later - Microsoft Visual Studio 2008 and 2017 C++ Redistributable (included with the .EXE installer)
<b>Network</b>	- Port 443 and 21690 are required for integration with BeyondInsight - Network Interface Card (NIC) with TCP/IP enabled

## Installing Retina Host Security Scanner

You can choose to install Retina Host Security Scanner manually or you can automate the installation and configuration process by using the Retina Deployment Package Wizard. The Retina Deployment Package Wizard allows you to create a standalone installer that includes the settings needed to silently deploy and configure Retina Host Security Scanner (RHSS).

You can download the Retina Deployment Package Wizard from the customer portal:

[www.beyondtrust.com/Resources/Support](http://www.beyondtrust.com/Resources/Support)

## Manually Installing Retina Host Security Scanner

The manual configuration of Retina Host Security Scanner requires Windows PowerShell 4.0, as such, only the following Windows operating systems are supported for manual configuration:

- Windows 8.1 (PowerShell 4.0 installed by default)
- Windows Server 2012 R2 (PowerShell 4.0 installed by default)
- Windows 7 with Service Pack 1 (Requires Windows Management Framework 4.0 to run PowerShell 4.0)
- Windows Server 2008 R2 with Service Pack 1 (Requires Windows Management Framework 4.0 to run PowerShell 4.0)

All other supported operating systems require the use of the Retina Deployment Package Wizard.

To manually install Retina Host Security Scanner:

- 1 Double-click the Retina Host Security Scanner installer or execute the installer using an elevated command prompt.

## Configuring Retina Host Security Scanner

### Importing the Module

The Retina.PowerShell module must be imported into PowerShell before the Cmdlets will be available. The Retina.PowerShell.dll is located at <Retina Install>\API\PowerShell.

Open a PowerShell session and use the Import-Module Cmdlet:

```
Import-Module .\Retina.PowerShell.dll
```

If you are not in the <Retina Install>\API\PowerShell directory, you will need to specify the full path. Place this code into your PowerShell profile to automatically import the module.

## Samples

In the <Retina Install>\API\PowerShell\Samples directory there are a number of scripts that use many of the available Cmdlets. These scripts are helpful examples of Cmdlet usage and can serve as a starting point for your own scripts.

### Licensing (via PowerShell)

- 1 Launch PowerShell.
- 2 Load the Retina PowerShell Module (See [Importing the Module](#)).
- 3 Execute the “License.ps1” PowerShell in the <Retina Install>\API\PowerShell\Samples directory, for example:  

```
PS C:\Program Files (x86)\BeyondTrust\Retina\API\PowerShell\Samples\License.ps1
```
- 4 Enter your Serial Number.

### Activating Central Policy (via PowerShell)

- 1 Launch PowerShell.
- 2 Load the Retina PowerShell Module (See [Importing the Module](#)).
- 3 Execute the “ManageCentralPolicy.ps1” PowerShell script in the <Retina Install>\API\PowerShell\Samples directory, for example:  

```
PS C:\Program Files  
(x86)\BeyondTrust\Retina\API\PowerShell\Samples\ManageCentralPolicy.ps1
```
- 4 The script will prompt you for:
  - a. IP Address of the BeyondInsight Server
  - b. Central Policy Password

You can Retrieve and review the current Central Policy settings using this Cmdlet:

```
Get-RetinaCentralPolicySettings
```

You can test the current Central Policy settings by using this Cmdlet:

```
Test-RetinaCentralPolicy
```



## Setting up Retina Host Security Scanner Events Management

The management console needs to be aware of Retina as a supported application. Retina events are sent to the management console where you can then manage and review Retina activities.

**Note:** When you initially install the management console, you configure the following client settings using the Events Client configuration wizard: host and port information, workgroup settings, certificate selection, and agent applications (for example, Retina).

For information on using the wizard, refer to the management console documentation.

You can also configure client settings after you run the wizard. See the following procedure.

To configure Retina using the Events Client Configuration tool:

- 1 Start the Events Client Configuration tool.  
The default location is **Start > All Programs > BeyondTrust > Tools**.
- 2 Select the **Enabled Applications** tab (if it is not already selected).
- 3 Select the **Retina** check box.
- 4 Click **OK**.

## Getting Started

### Scanning

Retina Host Security Scanner can be managed locally via PowerShell as well as it can be centrally managed by BeyondInsight. For central management via BeyondInsight please reference the *BeyondInsight User Guide*.

You can initiate a localhost scan by calling the PowerShell script “StartScan.ps1” found in the `<InstallDir>\API\PowerShell\Samples` directory. (Remember to load the Retina PowerShell Module if it is not loaded already: See [Importing the Module](#)).

**Note:** Running the StartScan.ps1 script starts 4 scans at the same time. Running the script can take time.

```
PS <InstallDir>\API\PowerShell\Samples\StartScan.ps1
```

This will run a default All Audits-Common Ports scan of the system Retina Host Security Scanner is installed on.

For additional scan control via PowerShell, please refer to the *Retina PowerShell Integration Guide*.

## Reporting

Reports can be generated by specifying a Report Type to run.

Currently (in addition to the Remediation report) the Compliance, Dashboard, PCI, Vulnerability Export and XmlAssessment reports can be generated.

Reports are generated using the Get-RetinaScanResults -ReportType Cmdlet

```
Get-RetinaScanResults -ReportType Remediation
```

This will generate a report based on your last completed scan. The report is saved in the following location: <Retina Install>\Reports\Temp folder.

For consolidated reporting across all your Retina Host Security Scanners please reference BeyondInsight.

Advance reporting options, such as reporting on specific scans, can be found in the *Retina PowerShell User Guide*.