

Pre Requisites Checker

Blackchair Spotlight Pre-Requisites Checker

- Introduction
 - Hardware Requirements
 - Software Requirements
 - Database Connection
 - Email Server
 - Choose a System
 - Test Connection
 - Avaya Communication Manager
 - Avaya Session Manager
 - Avaya System Manager
 - Cisco UCM
 - Genesys PureConnect
 - Genesys PureEngage
 - Genesys
 - GAX
 - Oracle/ACME SBC
 - Finish
-

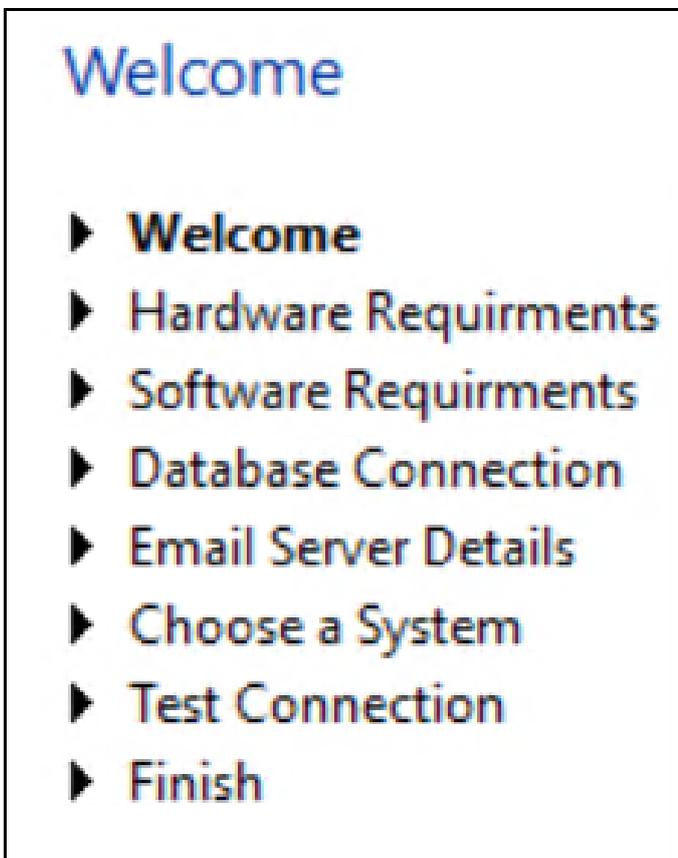
Introduction

The Spotlight Prerequisites checker tool can be used to ensure server software and hardware readiness for a Spotlight Installation.

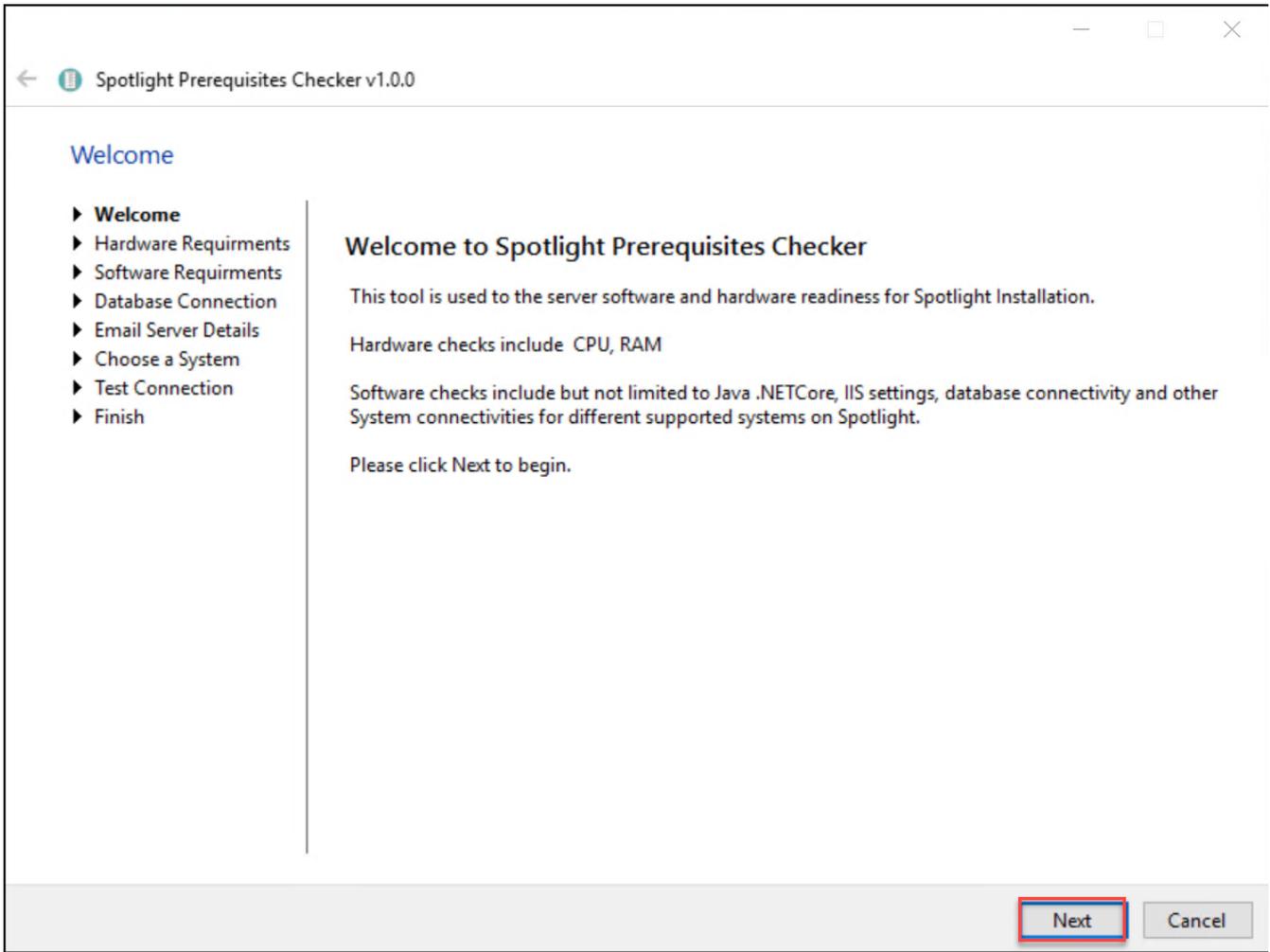
Hardware checks include CPU and RAM

Software checks include (but not limited to), Java, .NETCore, IIS Settings, database connectivity and other system connectivities required for different supported systems on Spotlight.

The left hand side of the screen displays the category of checks, which have to be completed in sequence

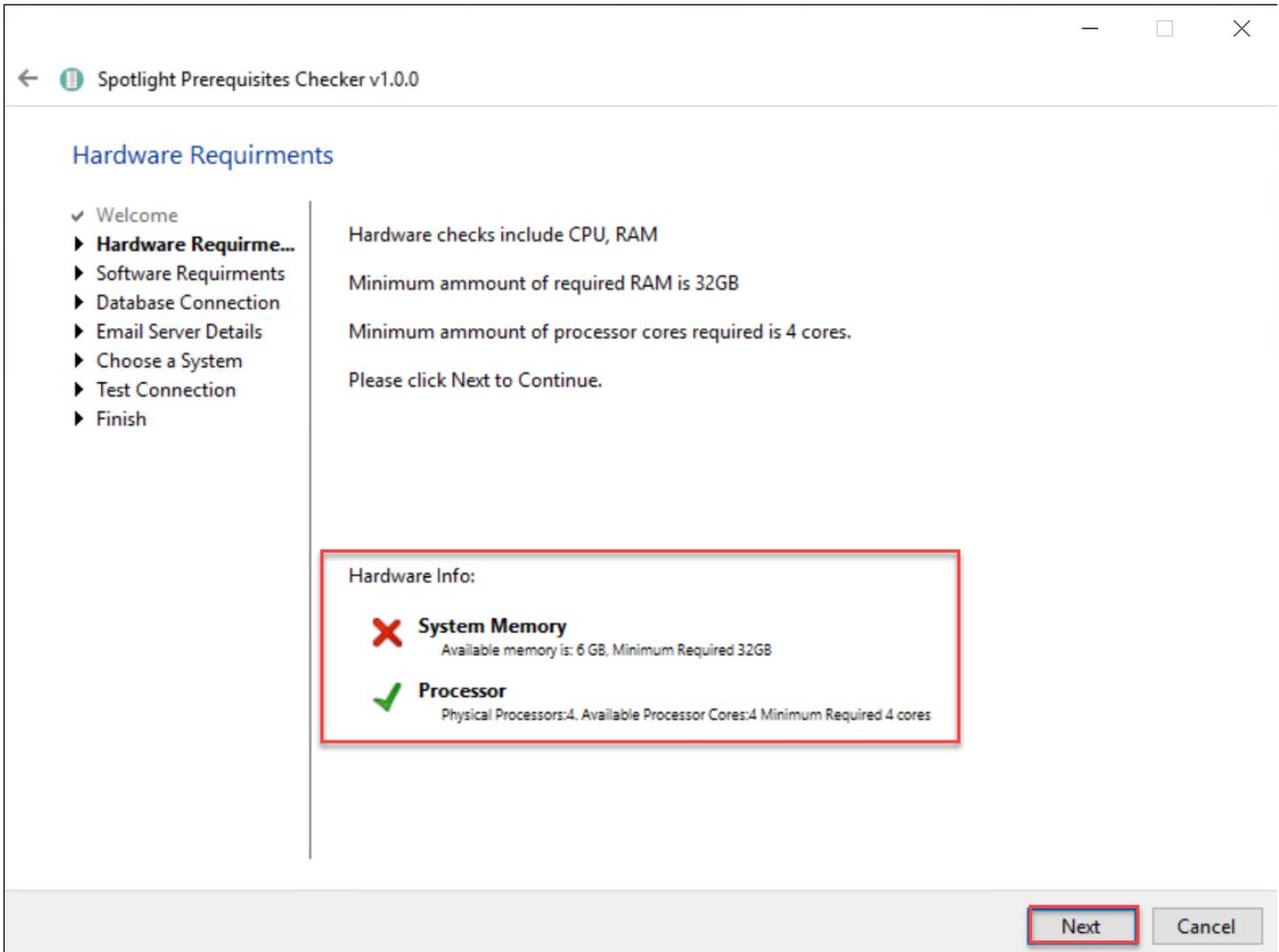


To begin, select **"Next"**



Hardware Requirements

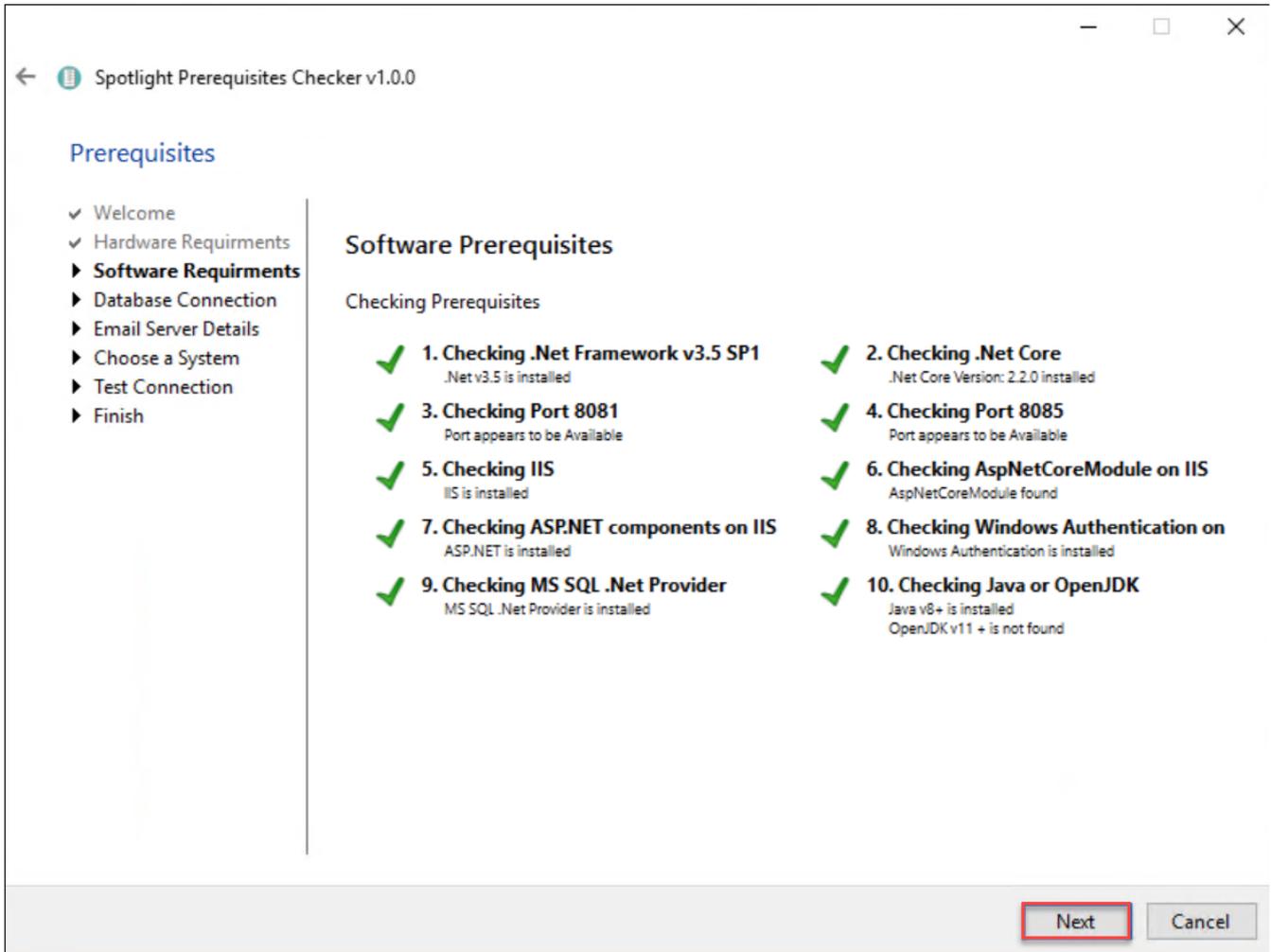
The **Hardware Requirements** page indicates if the System Memory of the server meet the requirements of Spotlight. Any values beneath the minimum requirements will be highlighted by a red cross, and those that pass by a green tick



- Select "Next"

Software Requirements

The **Software Requirements** page checks all server software requirements and indicates if they meet the requirements of Spotlight. Any values beneath the minimum requirements will be highlighted by a red cross, and those that pass by a green tick



- Select “**Next**”

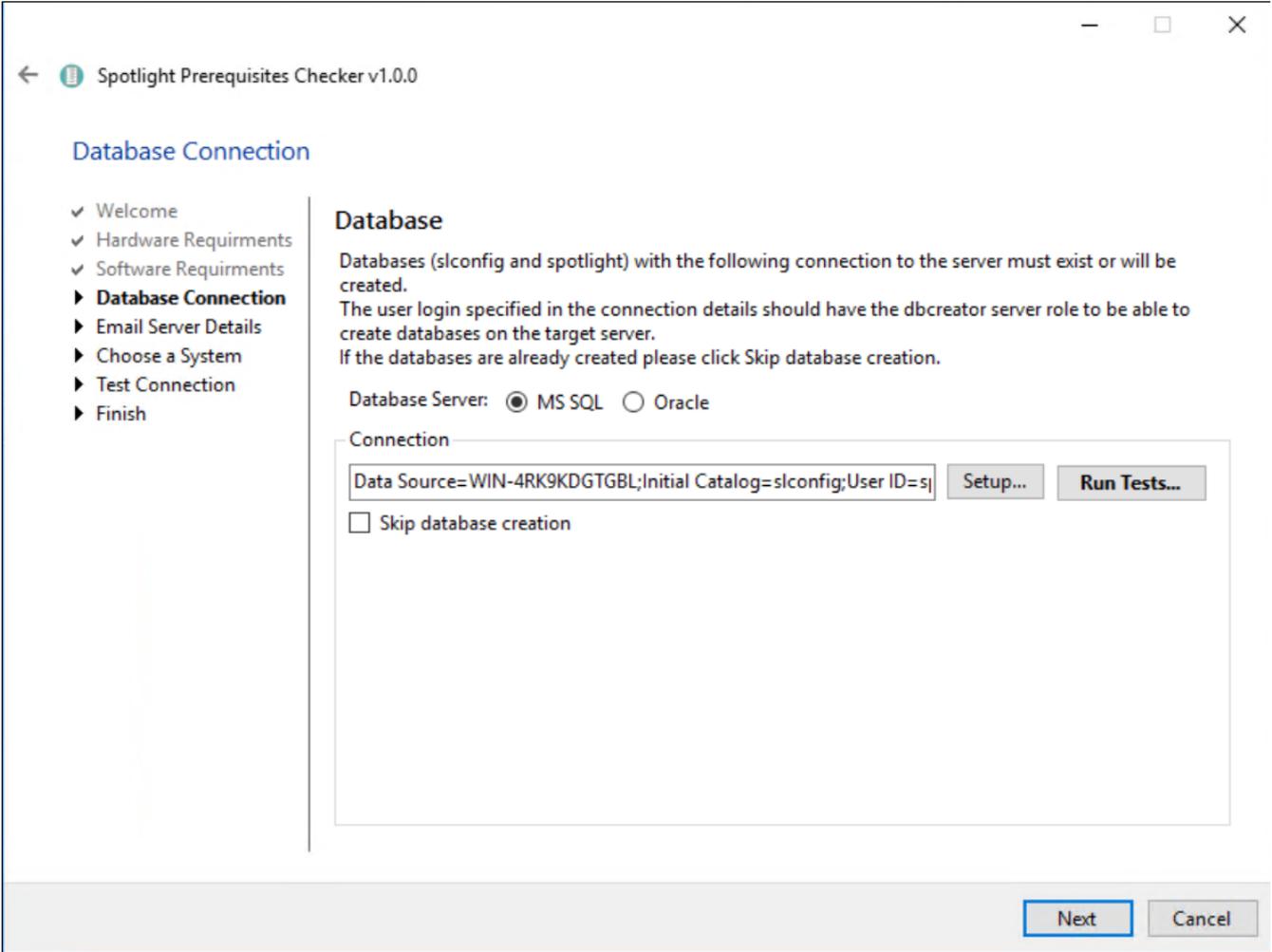
Database Connection

The **Database Connection** page is used to test the connection strings to the **slconfig** and **Spotlight** databases if they exist or create them if they do not.

or

The Database Connection page is used to test connection to the database server and to test that the provided user has the required permissions to create the spotlight databases.

If the client has already created the databases, instead, this page can be used to test connection to them.



- Firstly select if the databases will be MS SQL or Oracle.



• Next, manually adjust the following information in the **Connection** field:

- For **SQL**
- **Data Source** - the IP or Host name of the db server
- **Initial Catalog** - the name of the slconfig db
- **User ID** - the username of the spotlight db account
- **Password** - the password of the spotlight db account



- For **Oracle**
- **User ID**
- **Data Source** - the IP or Host name of the db server and **db Name**
- **Password** - the password of the spotlight db account



Alternatively you can instead :

- Select **Setup**



For **MS SQL - SQL Server Authentication**

- Enter the Server Name
- Select **Use SQL Server**

Data Source=192.168.3.4;Initial Catalog=slconfig Test;Persist Security Info=True;Server=192.168.3.4;User=spotlight;Password=spotlight;Authentication=Windows

Authentication
Enter the spotlight db account

- Select **Save My Password**
- Select or enter a database name
- Select **slconfig** if the database has been created by the client
- Enter **slconfig** if the database is yet to be created
- Select **Test Connection** - an error will be displayed if the connection fails. This error will vary depending on the reason for the failure
- If the connection succeeds, select **OK**
- Select **OK**

- For **MS SQL - Windows Authentication**
- Enter the Server Name
- Select **Use Windows Authentication**
- Select or enter a database name
- Select the slconfig database if it has been created by the client
- Enter **slconfig** if the database is yet to be created
- Select **Test Connection** - an error will be displayed if the connection fails. This error will vary depending on the reason for the failure
- If the connection succeeds, select **OK**
- Select **OK**

- For **Oracle**
- Enter the **Server Name & Db Name**
- Enter the spotlight db account username and password
- Select **Test Connection** - an error will be displayed if the connection fails. This error will vary depending on the reason for the failure
- If the connection succeeds, select **OK**
- Select **OK**

IS THIS NEEDED? If the database has already been created by the client, select **Skip database creation**

- Next select **Run Tests**
- Result will be displayed indicating if connection was made to the database server and if the user can create databases.

Repeat the process above for the Spotlight database only if the database has already been created

Once the connection strings have been tested, select **Next**

Microsoft SQL Server (SqlClient) Change...

Server name:
 Refresh

Log on to the server

Use Windows Authentication

Use SQL Server Authentication

User name:

Password:

Save my password

Connect to a database

Select or enter a database name:

Email Server

The **Email Server** page is used to specify the settings of the email server that will be utilised by Spotlight to send email notifications. Enter the following information:

- Enter the following information:
- **Host** - Email server address
- **Port** - change if port 25 cannot be used
- **SMTP Username** - Email server username
- **SMTP Password** - Email Server password
- **From Address** - The email address that notifications are to be sent by
- Select **Test Connection** to validate the entered information

Spotlight Prerequisites Checker v1.0.0

Email Server Details

- ✓ Welcome
- ✓ Hardware Requirments
- ✓ Software Requirments
- ✓ Database Connection
- ▶ **Email Server Details**
- ▶ Choose a System
- ▶ Test Connection
- ▶ Finish

Email Server Details

Please use the following page to provide the details for the communications server

SMTP

Host:

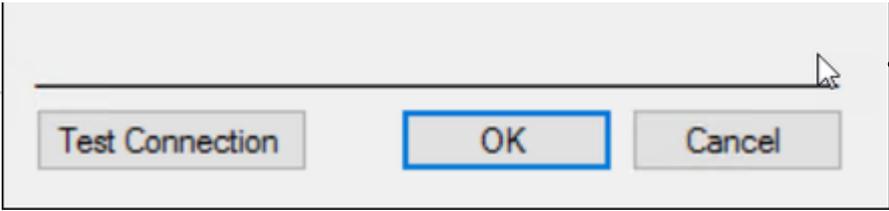
Port:

Username:

Password:

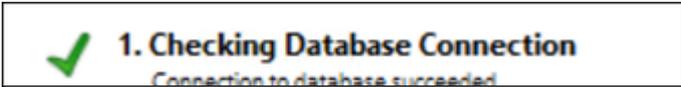
From Address:

- A message will be displayed indicating if the

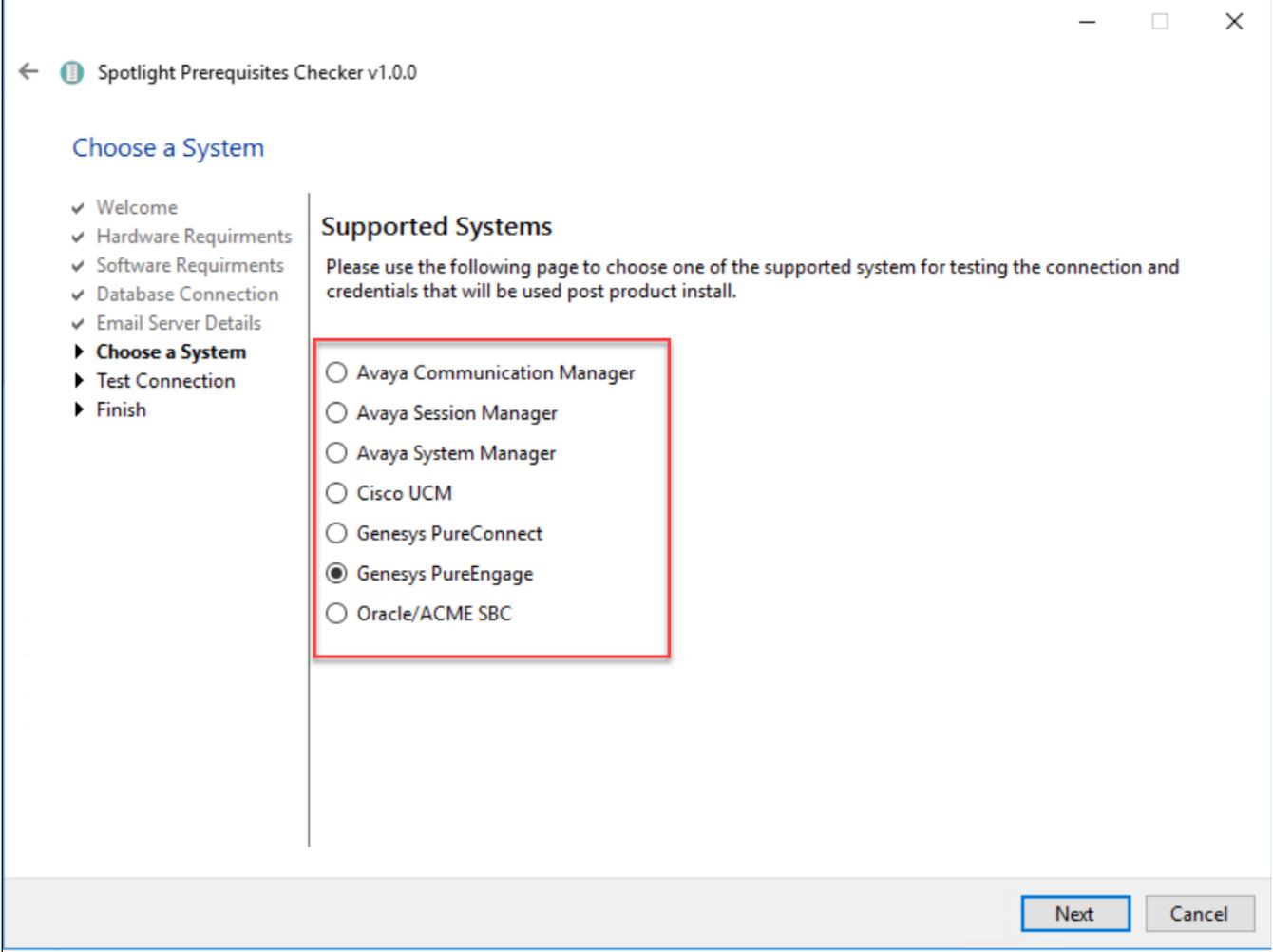


connection to the email server was successful or not
 • Select **Next**

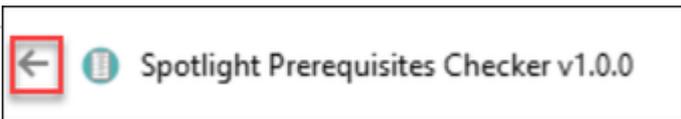
Choose a System



• Using the radio buttons, select the System that Spotlight is to connect to and track
 • Select **Next**



NB: If Spotlight is to be used to track multiple systems of different system types or multiple environments of the same system type, then the process of checking system connections can be repeated. Once a system has been tested, use the back button to go to the “**Choose a System**” page, and repeat the process.



Test Connection

The **Test Connection** information that needs to be entered will vary depending on what system was selected on the **Choose a System** page as follows -

Avaya Communication Manager

- In the **Communication Manager** section, enter the following information
 - Version
 - IP Address
 - Port number
 - Login
 - Password

1. Communication Manager

Version:

IP address:

Port:

Login:

Password:

- In the **AES** section, enter the following information
 - Version
 - IP Address
 - Port number
 - Confirm AES SMS SDK is enabled
 - TLS 1.2 - select if TLS 1.2 is enabled in Avaya

• Select **Test Connection with ACM**

- A message will be displayed indicating if the connection was successful or not
- Select **Next**

2. AES

Version:

IP address:

Port:

Confirm AES SMS SDK is enabled

TLS 1.2

Avaya Session Manager

- In the **Remote Host** section, enter the following information
 - SMGR IP Address
 - Port number - leave as 0 to use the default ssh port
 - Login name
 - Password

• Select **Test Connection with ASM**

- A message will be displayed indicating if the connection was successful or not

1. Communication Manager

Version:

IP address:

Port:

Login:

Password:

2. AES

Version:

IP address:

Port:

Confirm AES SMS SDK is enabled

TLS 1.2

• Select **Next**

Avaya System Manager

- In the **Remote Host** section, enter the following information
 - IP Address
 - Port number - leave as 0 to

3. Test Connection with ACM

use the default ssh port

1. Remote Host

SMGR IP address:

Port: Leave 0 to use default ssh port, otherwise please specify

Login:

Password:

2. Test Connection with ASM

Login name

Password

Web Username

Web Password

Protocol - http or https

Select **Test Connection**

A message will be displayed indicating if the connection was successful or not

1. Remote Host

IP address:

Port:

SSH Login:

Password:

Web Username:

Password:

Protocol: http https

2. Test Connection

Select **Next**

Cisco UCM

Enter the following information

Hostname/IP

Username

Password

Port

Select **Test Connection with UCM**

A message will be

displayed indicating if the connection was successful or not

- Select **Next**

1. CUCM

IP/Hostname: CUCM-95

Username: admin

Password: *****

Port: 8443

2. Test Connection with CUCM

Next Cancel

Genesys PureConnect

- Enter the following information on Server Address Server Port Username Password

- Select **Test Connection with Device**
- A message will be displayed indicating if the connection was successful or not

1. Pure Connect

Server Address: http://77.00.197.70

Server Port: 80

Username: spotlight

Password: *****

2. Test Connection with Device

Next Cancel

Select Next

Genesys PureEngage

- Configuring Genesys PureEngage requires information for

both CME and GAX, which can be added using the appropriate tabs

Genesys

- In the **Config Server** Section, enter the following information
 - Primary Hostname or IP
 - Primary Port

Genesys GAX

1. Config Server

Hostname or IP: WIN-SDRLFQMKNV

Port: 2020

- In the **MessageServer** Section, enter the following information
 - Primary Hostname or IP

- Primary Port

2. Message Server

Hostname or IP:

Port:

- In the **Authentication and Options** Section, enter the following information
 - CME Username
 - Password
 - Application Name
 - SDP Producer Application Name - default **SpotlightAuditServer**
 - SDP Consumer Application Name - default **SpotlightAuditServerEC**
 - Select **Is Genesys TLS Enabled** if this applies

3. Authentication and Options

Username:

Password:

Application Name:

SDP App Name Producer:

SDP App Name Consumer:

Is Genesys TLS enabled?

- Select **Test Connection**
- A message will be displayed indicating if the connection to **Config Server and Message Server** was successful or not

The screenshot shows a configuration window for Genesys GAX. It has two tabs: 'Genesys' (selected) and 'GAX'. The window is divided into four sections:

- 1. Config Server:** Hostname or IP: WIN-SDRLFQMKNV, Port: 2020
- 2. Message Server:** Hostname or IP: WIN-SDRLFQMKNV, Port: 2050
- 3. Authentication and Options:**
 - Username: default
 - Password: masked with asterisks
 - Application Name: default
 - SDP App Name Producer: SpotlightAuditServer
 - SDP App Name Consumer: SpotlightAuditServerEC
 - Is Genesys TLS enabled?
- 4. Test Connections:** A button highlighted with a red box.

At the bottom right, there are two buttons: 'Next' (highlighted with a red box) and 'Cancel'.

- Select **Next** - this can only be selected once **GAX** data has been populated also

GAX

- Select **Enable GAX Monitoring** and enter the following details:
 - Is GAX version <= v8.5.1
 - Hostname or IP
 - Is GAX on https
 - Port
 - Username
 - Password
- Select **Test Connection with GAX**
- A message will be displayed indicating if the connection was successful or not

Genesys **GAX**

1. GAX Server

Is GAX version <= 8.5.1?

Hostname or IP: 77.74.194.168

Is GAX running on https?

Port: 8040

Username: default

Password: *****

2. Test Connection with GAX

Next Cancel

- Select **Next** - this can only be selected once **CME** data has been populated also

Oracle/ACME SBC

- Enter the following information
 - IP Address
 - Username
 - Password
 - SSH Port
- Select **Test Connection with SBC**
- A message will be displayed indicating if the connection was successful or not

1. SBC Host

IP Address: 1 . 99 . 13 . 22

Username: Username

Password: ***

SSH Port: 2322

2. Test Connection with

Next Cancel

- Select **Next**

Finish

The checking process is now complete

- To view the generated log, select **View Log**
 - Select **Finish**
-