# Pre Requisites Checker

**Blackchair Spotlight**
**Pre-Requisites Checker**



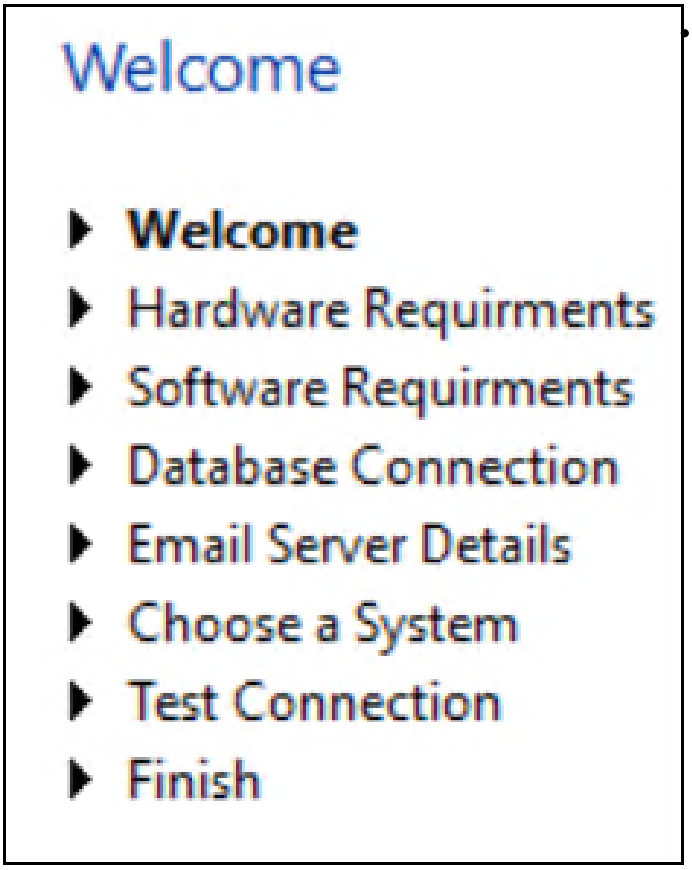
## Introduction

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

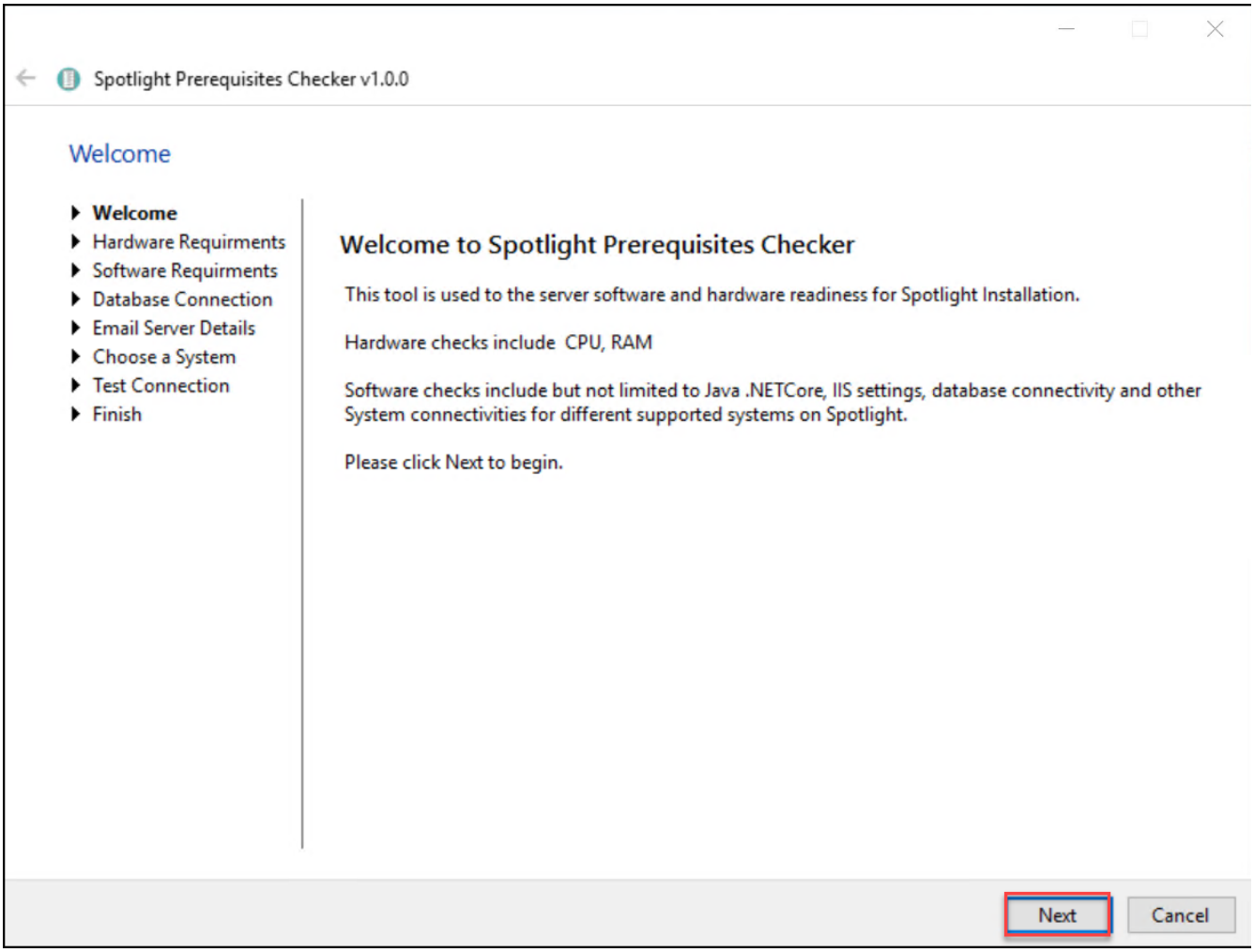
Hardware checks include CPU and RAM

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

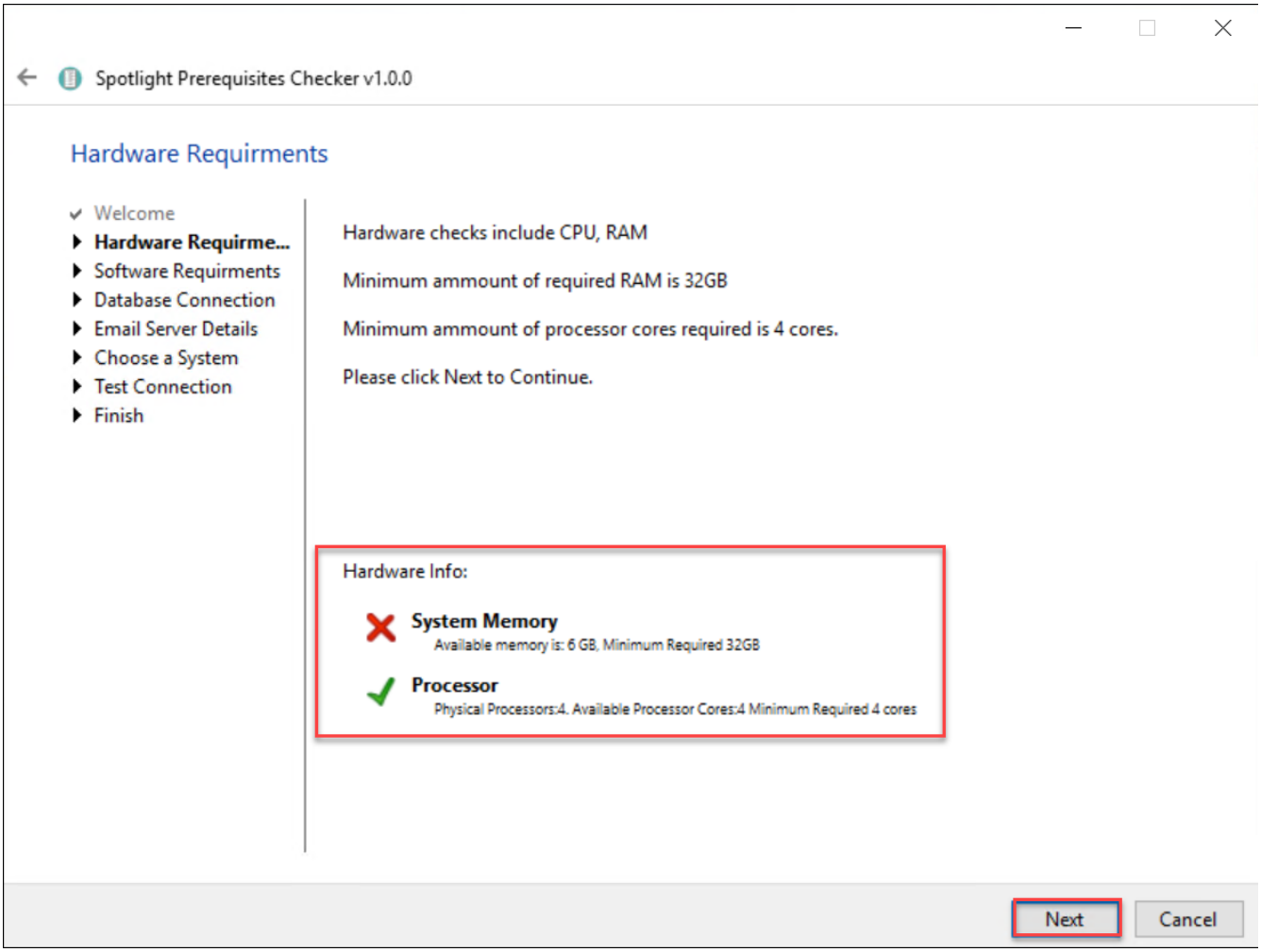



- To begin, select “**Next**”




## Hardware Requirements

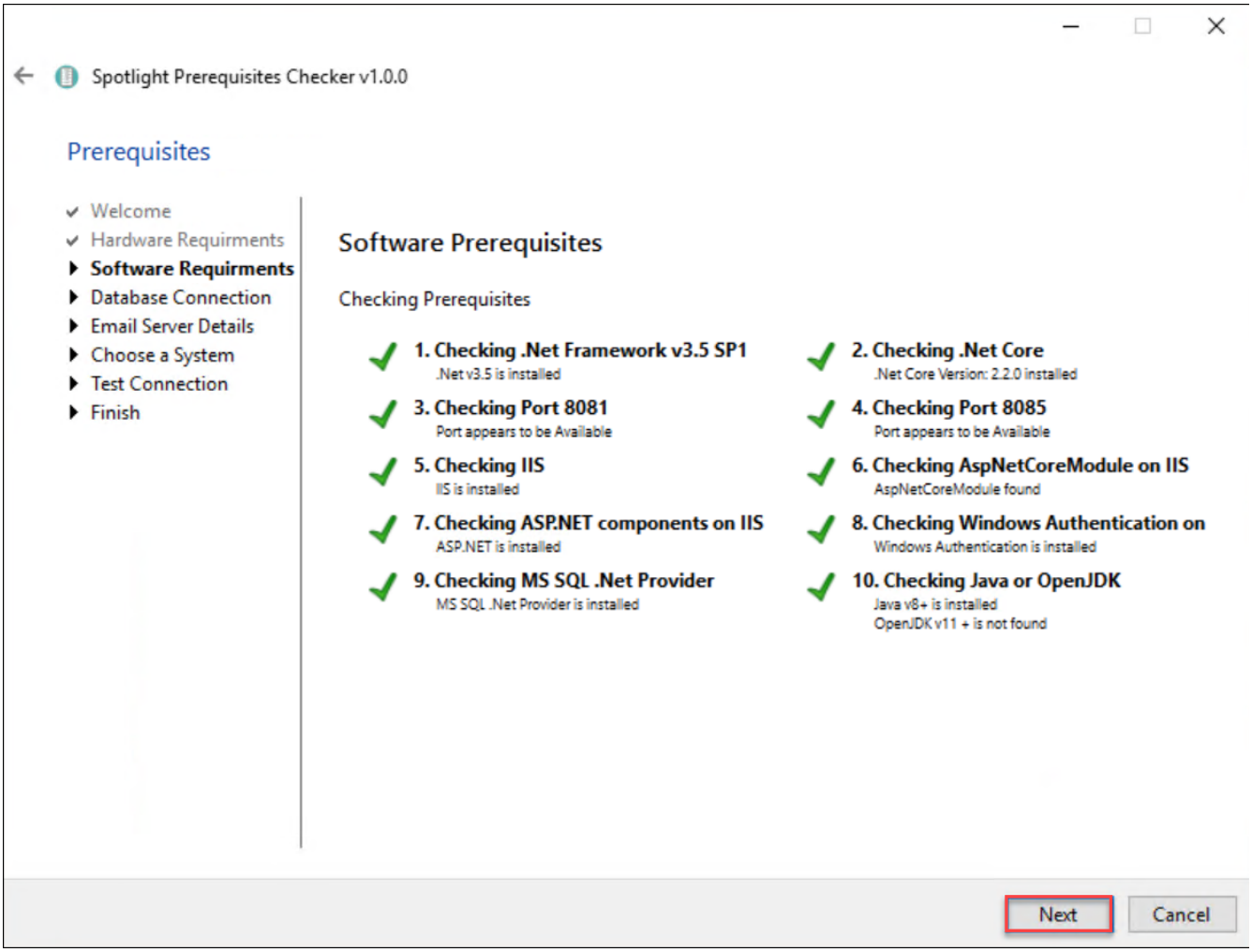
The **Hardware Requirements** page indicates if the System Memory of the server meet the requirements of Spotlight. Any values beneath the minimum requirements will be highlighted by a red cross, and those that pass by a green tick




- 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**"

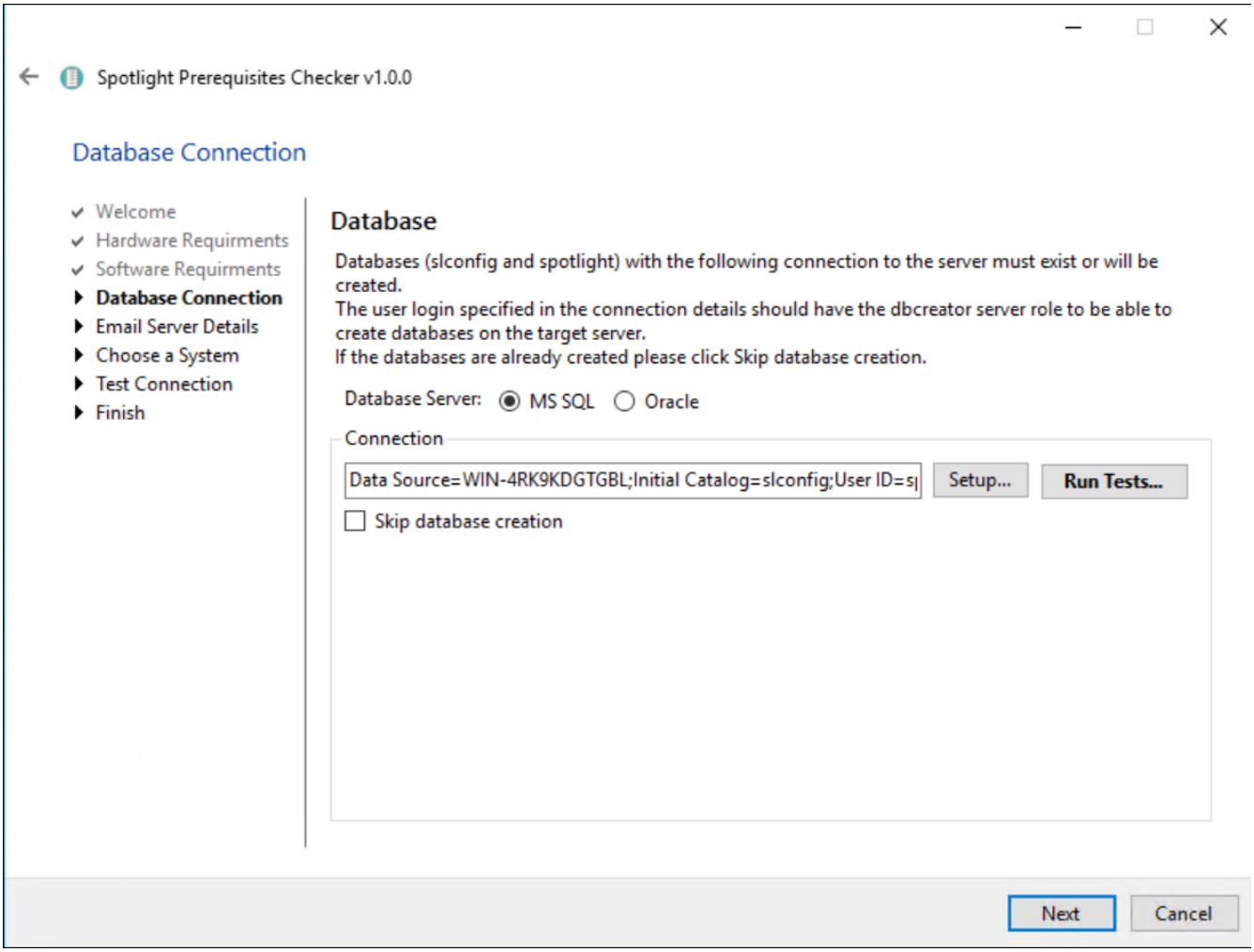
## Database Connection

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.

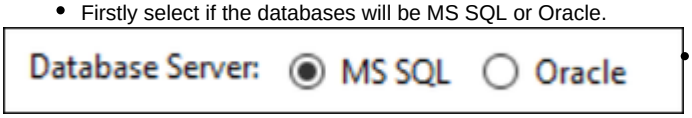
or

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.

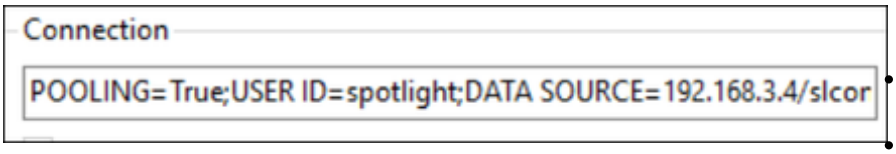



- Firstly select if the databases will be MS SQL or Oracle.




- 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

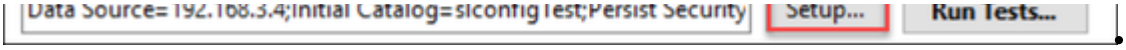

- For **Oracle**
- **User ID**
- **Data Source** - the IP or Host name of the db server and **db Name**
- **Password** - the password of the spotlight db account




Alternatively you can instead :

- Select **Setup**
- For **MS SQL - SQL Server Authentication**

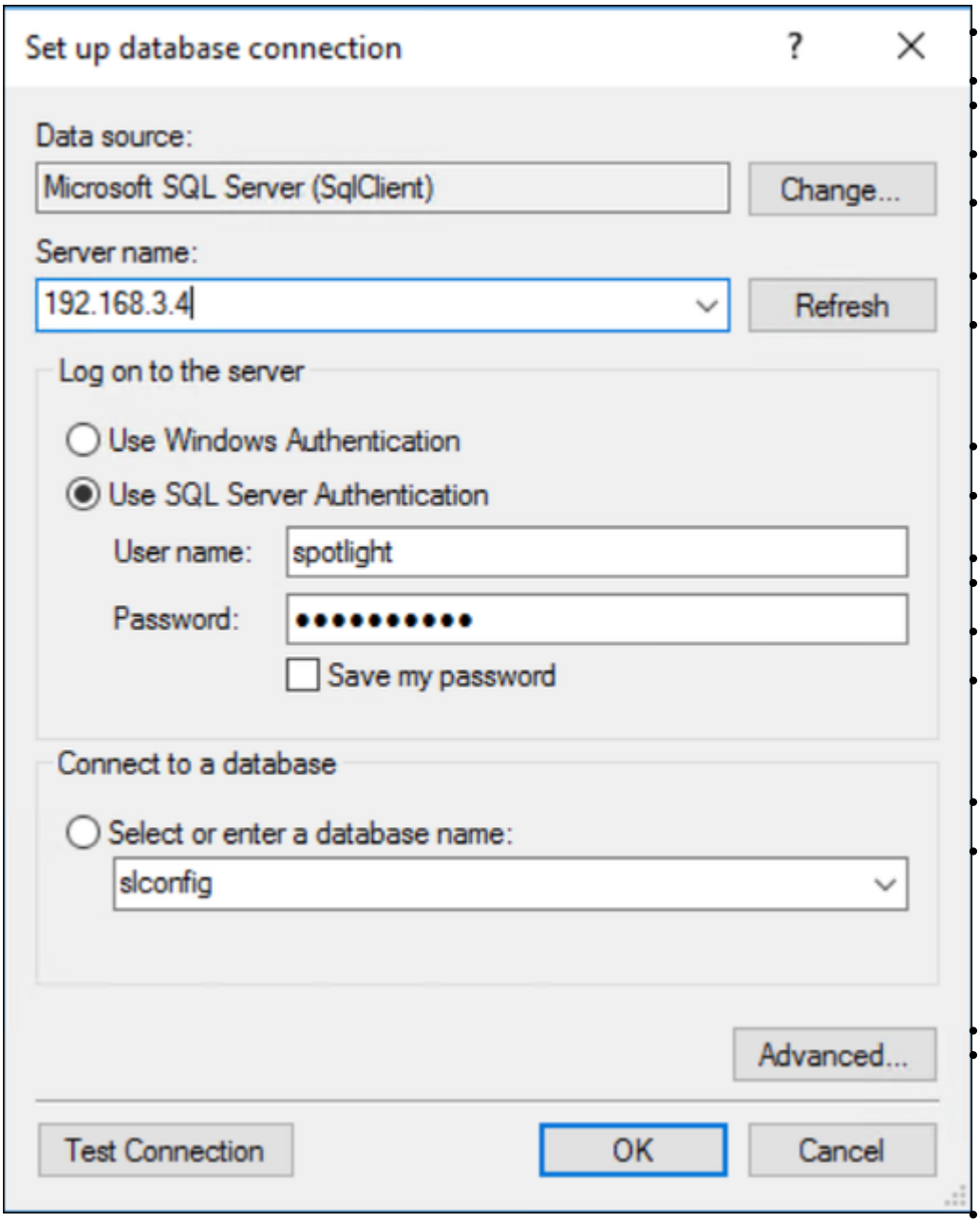

- Enter the Server Name
- Select **Use SQL Server**




**Authentication**
Enter the spotlight db account

username and password
- 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**

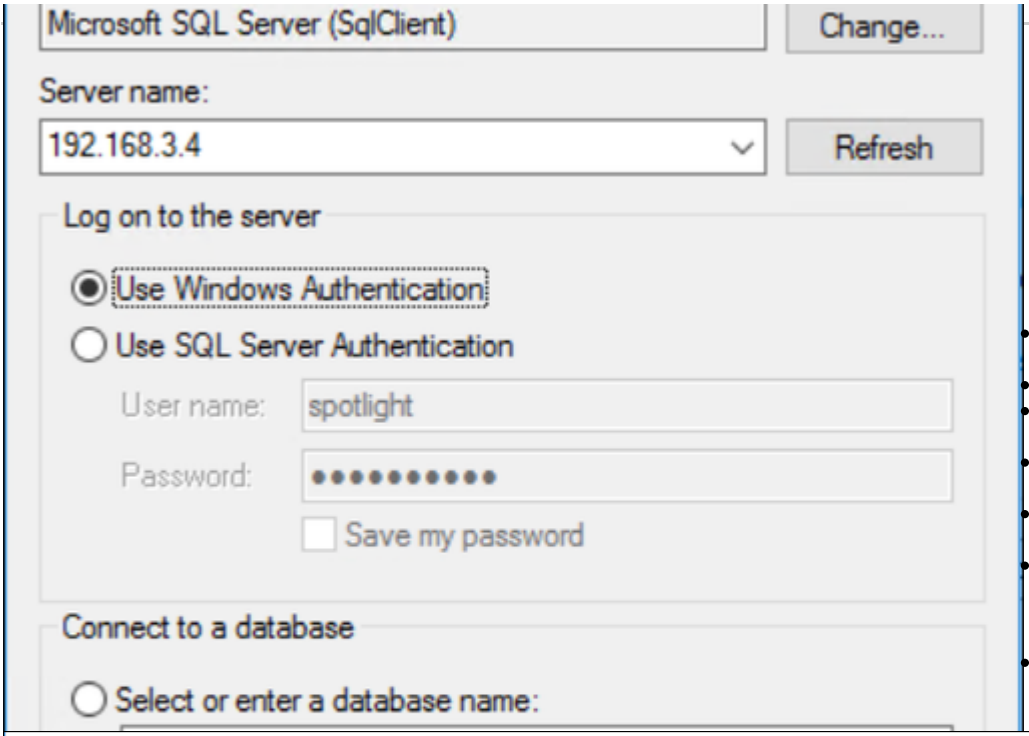
For **Oracle**
- Enter the **Server Name** & **Db Name**
- Enter the spotlight db account username and password
- Select **Test Connection** - an error will be displayed if the connection fails. This error will vary depending on the reason for the failure
- If the connection succeeds, select **OK**
-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

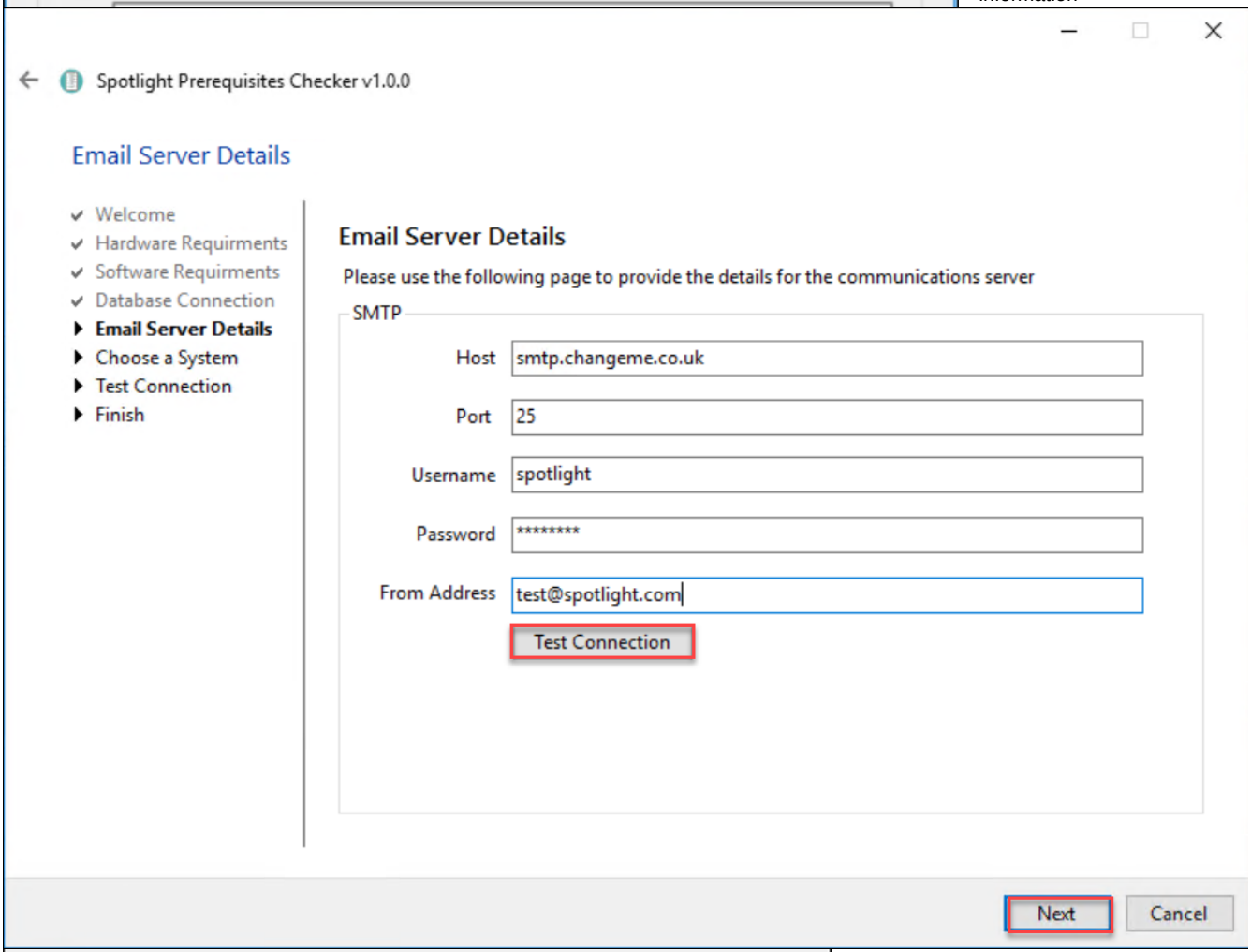
Once the connection strings have been tested, select **Next**.



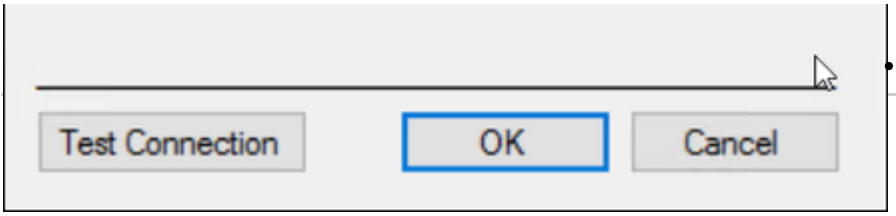

## Email Server

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

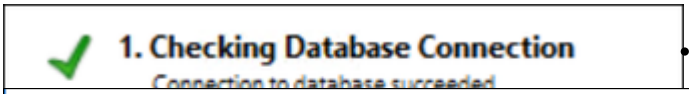



- A message will be displayed indicating if the

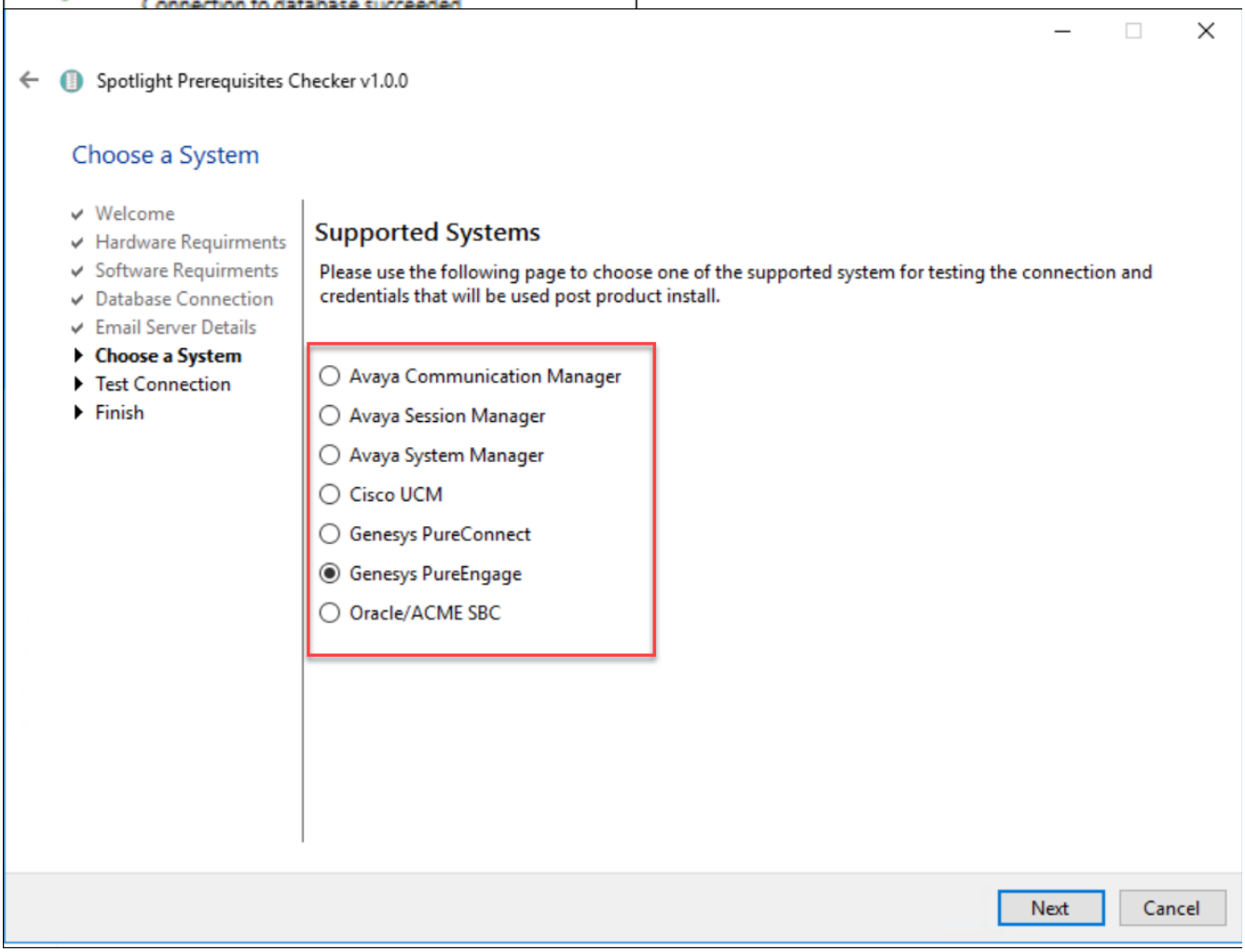



connection to the email server was successful or not
- Select **Next**

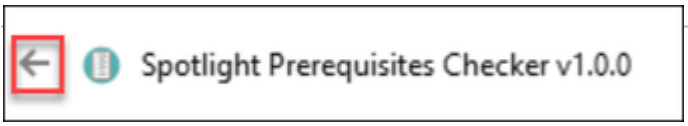
## Choose a System




- 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 -

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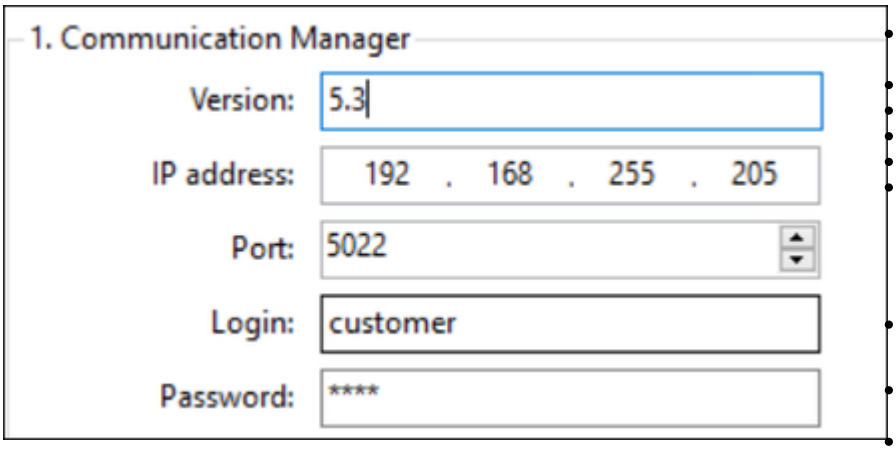
**Avaya Communication Manager**

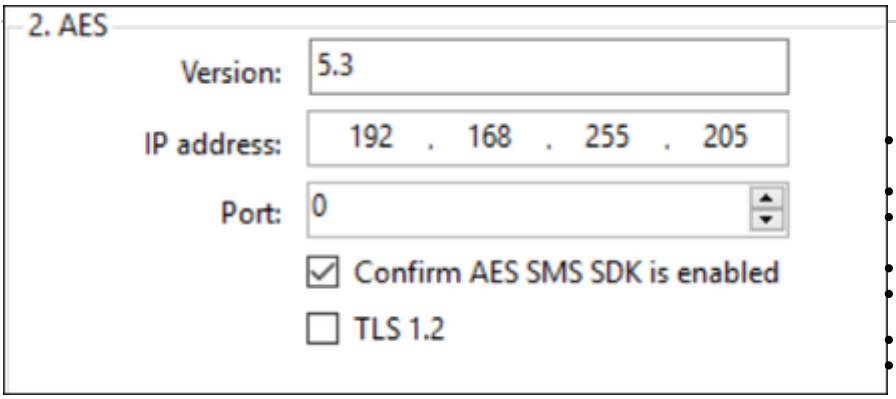
- In the **Communication Manager** section, enter the following information
  - Version
  - IP Address
  - Port number
  - Login
  - Password




- 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**

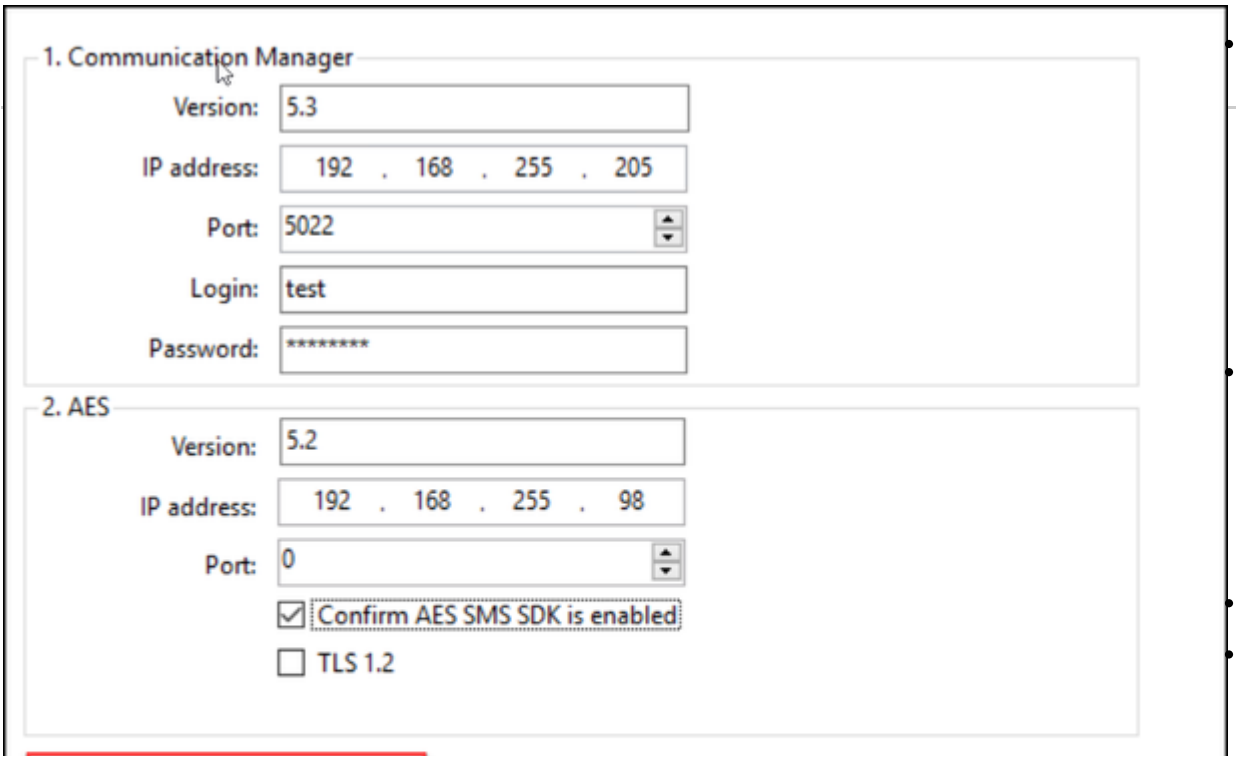
- A message will be displayed indicating if the connection was successful or not
- Select **Next**




### 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

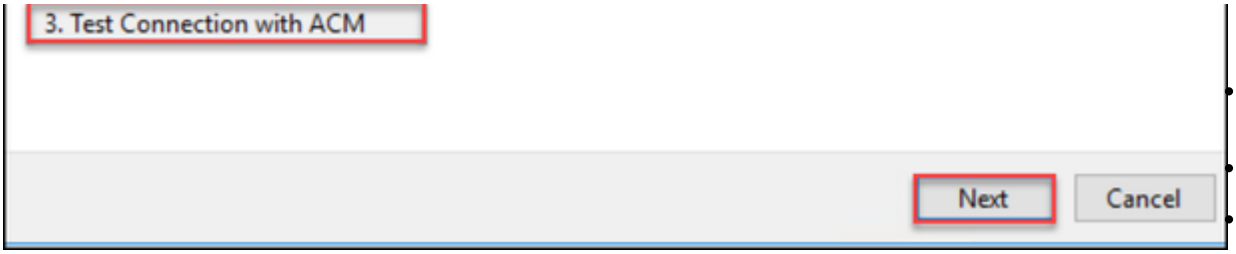
- Select **Test Connection with ASM**
- A message will be displayed indicating if the connection was successful or not

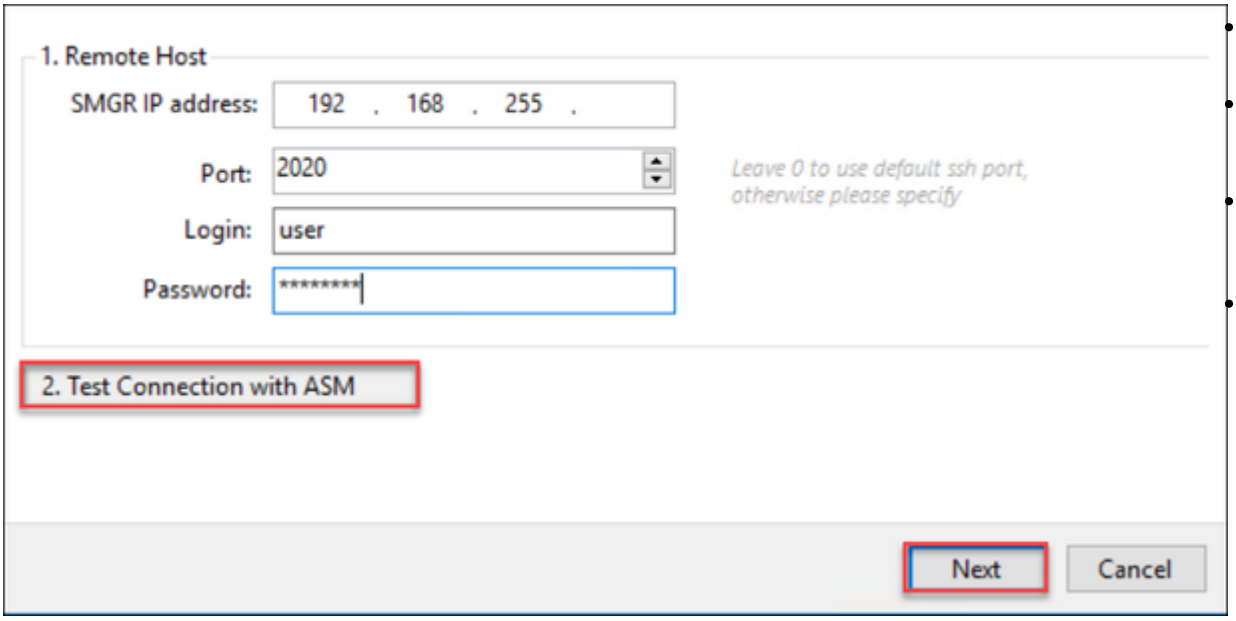


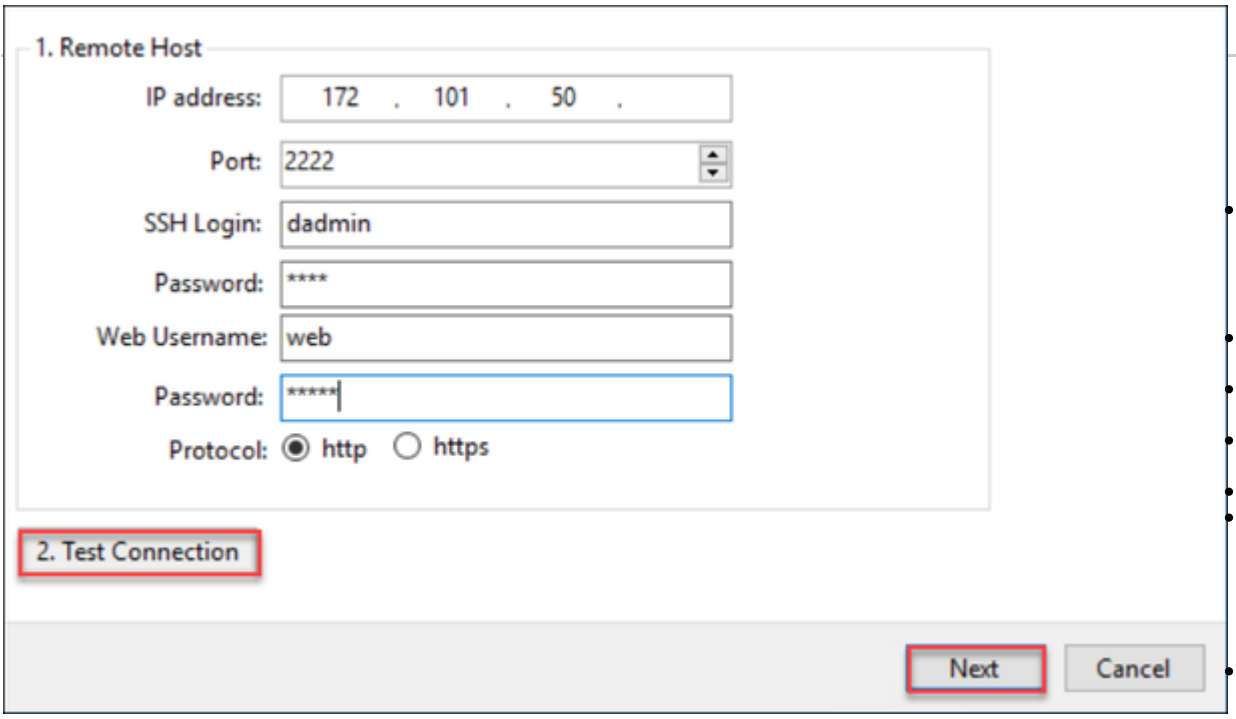

- Select **Next**

### Avaya System Manager

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



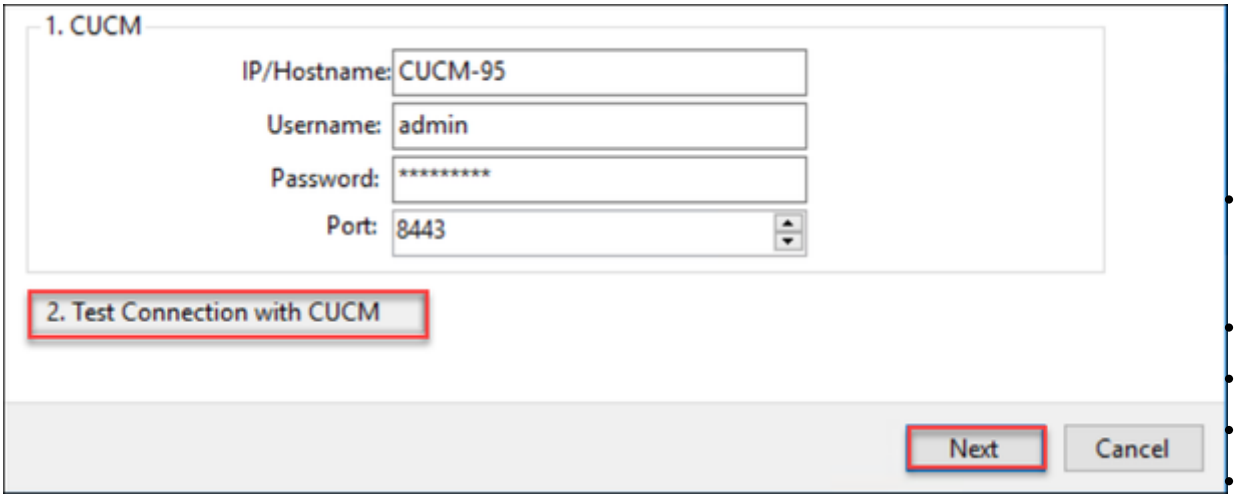




- use the default ssh port
- SSH Login name
- Password
- Web Username
- Web Password
- Protocol - http or https
- Select **Test Connection**
- A message will be displayed indicating if the connection was successful or not
- Select **Next**

**Cisco UCM**

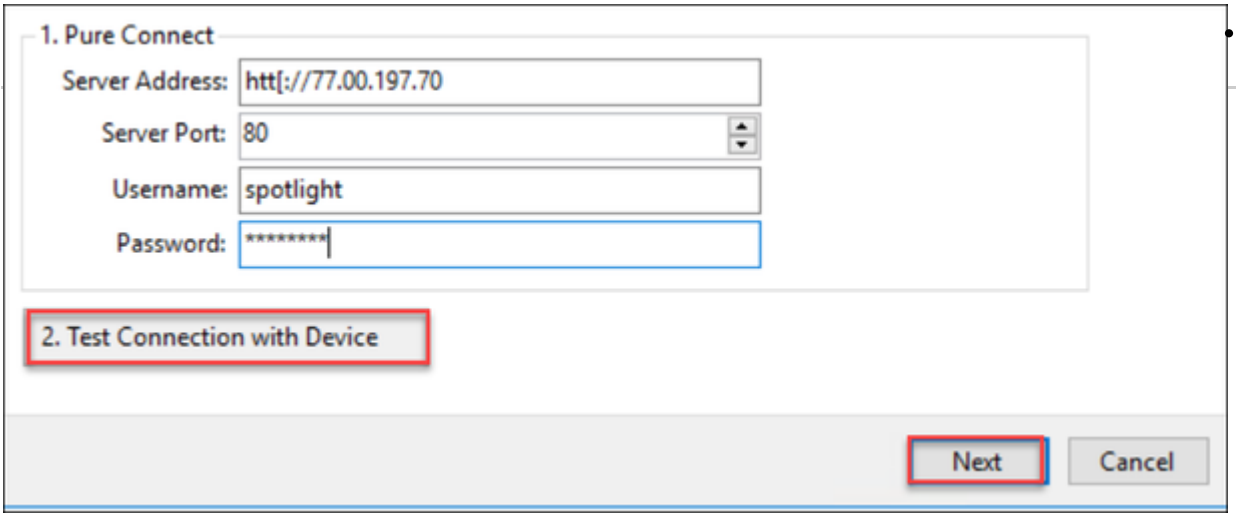
- Enter the following information
- Hostname/IP
- Username
- Password
- Port
- Select **Test Connection with UCM**
- A message will be displayed indicating if the connection was successful or not
- Select **Next**




**Genesys PureConnect**

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

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



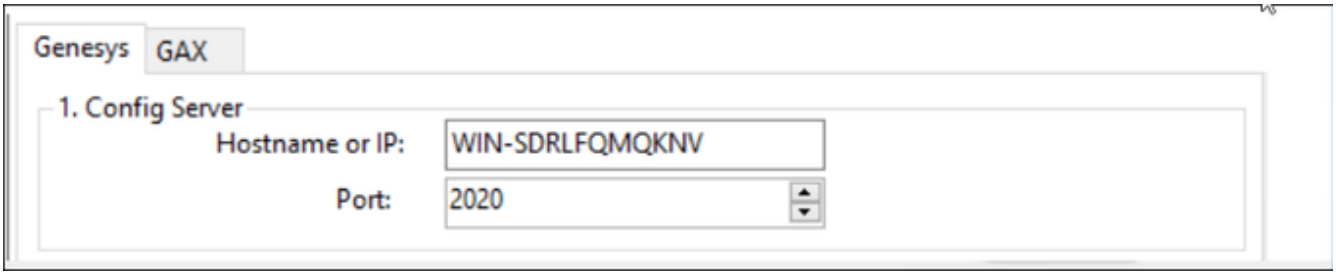

- Select **Next**

**Genesys PureEngage**

Configuring Genesys PureEngage requires information for both CME and GAX, which can be added using the appropriate tabs

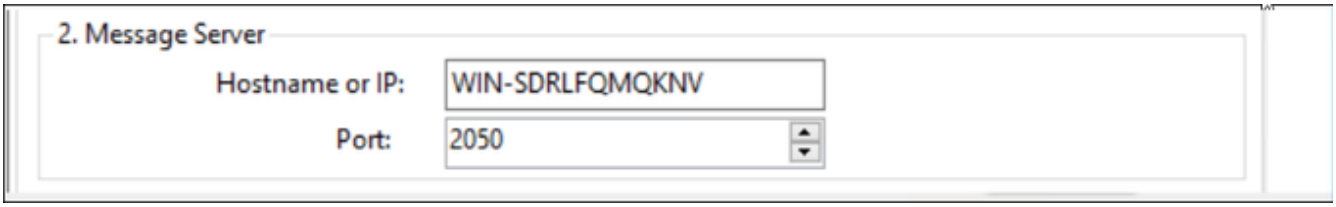
## Genesys

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

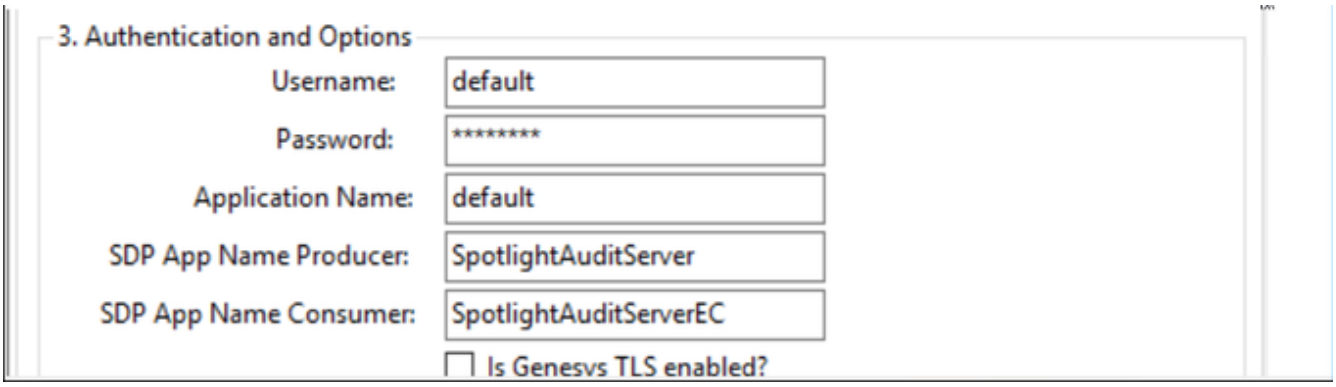



- In the **MessageServer** Section, enter the following information
  - Primary Hostname or IP

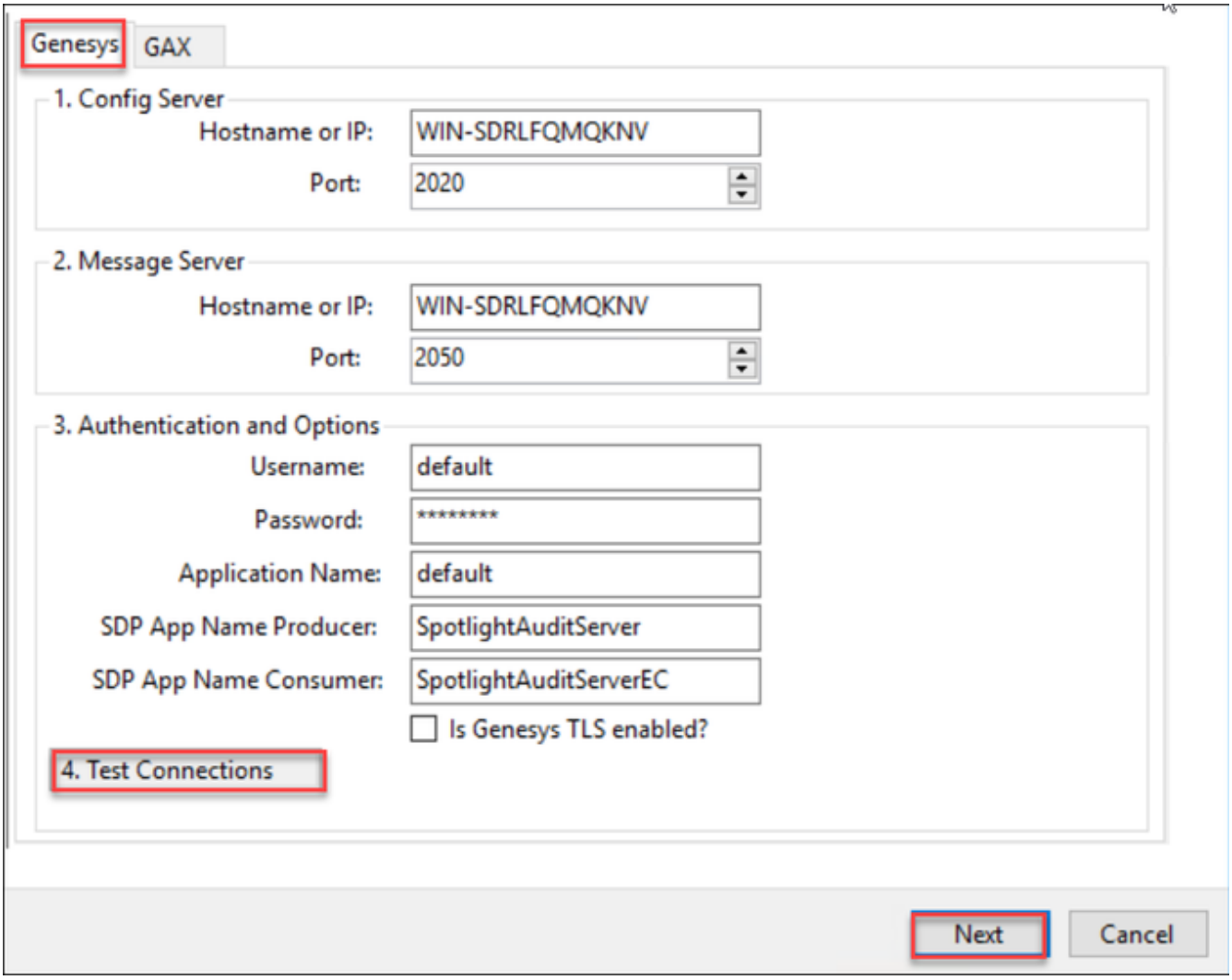
- Primary Port




- 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



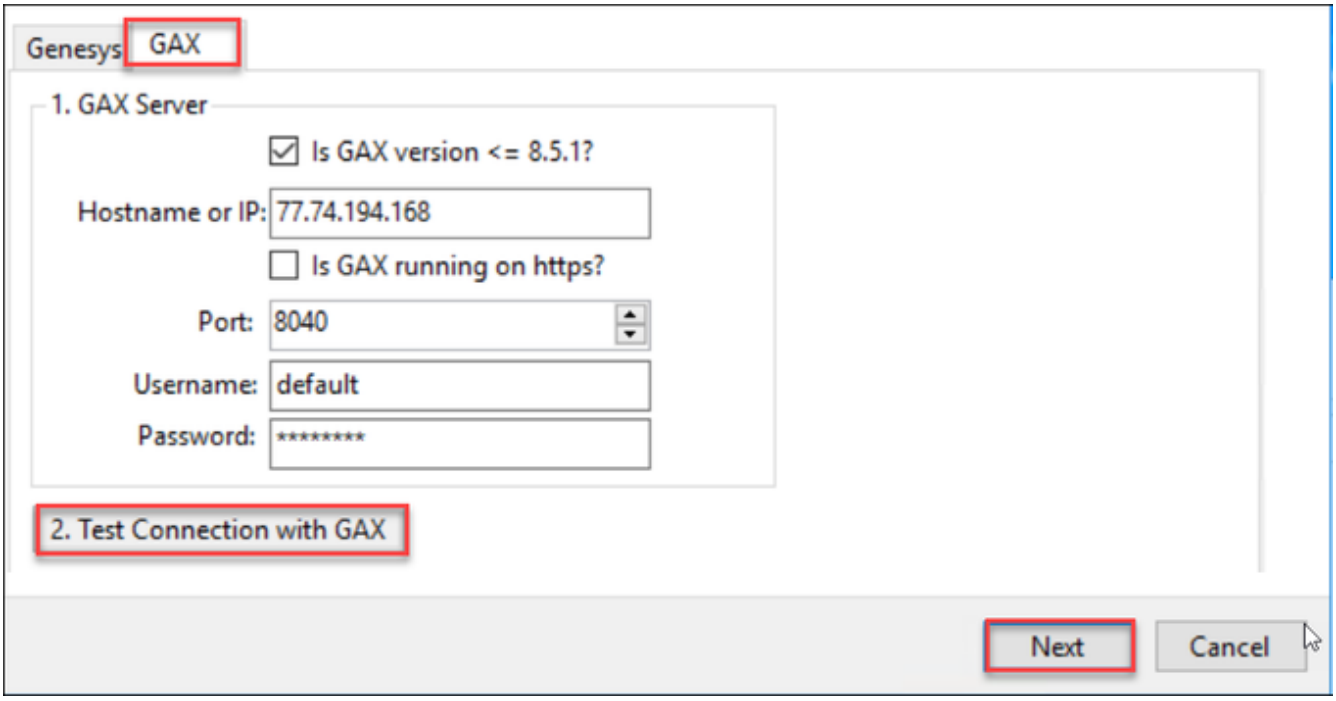

- Select **Test Connection**
- A message will be displayed indicating if the connection to **Config Server and Message Serve**r was successful or not




- 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




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

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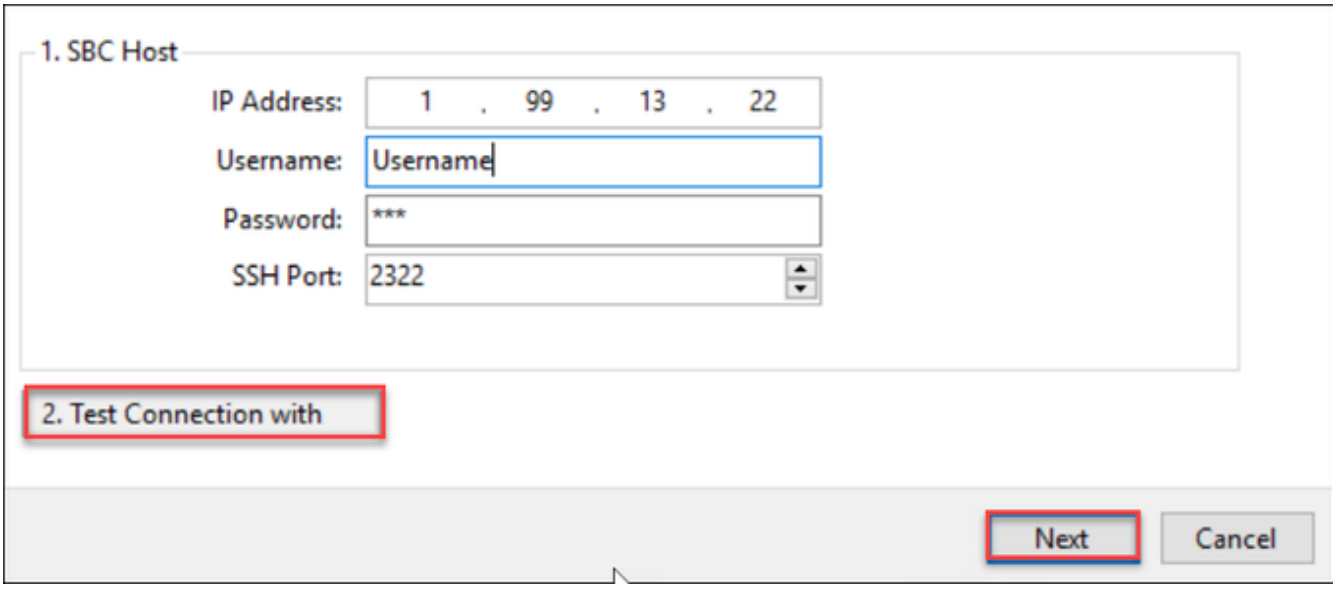
### Oracle/ACME SBC

- 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




- Select **Next**

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## Finish

The checking process is now complete

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

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