

# INTRODUCTION TO BIG DATA

ECAP456

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Associate Professor

# Learning Outcomes



After this lecture, you will be able to

- learn install Splunk enterprise on windows.

# VS

## Start



```
rent/web/thebuggenie $ ./tbg_cli remote:show_issue thebuggenie 389 --include_comments
Installed information about thebuggenie issue #389 on http://thebuggenie

[2011-02-15 12:07:44 GMT] Add Bug Genie version to general tab of configuration page
[2011-02-15 12:07:44 GMT]
Posted by: kanto501
Updated: Tue, 15 Feb 2011 12:07:44 GMT (1297771684)
Assigned to: zegenia
Status: In progress
Description: I think it would be nice to see what version of Bug Genie you have installed in
sometimes the engineer upgrades the system overnight and does not tell me.

Milestone: -
Category: -
Estimated time: -
Spent time: -
Percent complete: -
Priority: -

Comments:
Comment #1
Posted by: zegenia
Posted: Tue, 15 Feb 2011 12:28:25 GMT (1297772785)
Comment: The issue was updated with the following change(s):
- The status has been updated, from 'New' to 'In progress'.
- The assignee has been changed, from 'Not assigned' to 'zegenia'.
- Information about the user working on this issue has been changed, from 'Not being worked
-----

Comment #2
Posted by: zegenia
Posted: Tue, 15 Feb 2011 12:28:30 GMT (1297772790)
Comment: In the meantime, you can go to /about to see the version number.
-----
```

```
1. root@localhost: /opt/splunk (ssh)
root@localhost:/opt/splunk# /opt/splunk/bin/splunk start --accept-license

This appears to be your first time running this version of Splunk.
Copying '/opt/splunk/etc/openldap/ldap.conf.default' to '/opt/splunk/etc/openldap/ldap.conf'.
Generating RSA private key, 2048 bit long modulus
.....+++
.....+++
e is 65537 (0x10001)
writing RSA key

Generating RSA private key, 2048 bit long modulus
.....+++
...+++
e is 65537 (0x10001)
writing RSA key

Moving '/opt/splunk/share/splunk/search_mrsparkle/modules.new' to '/opt/splunk/share/splunk/search_mrsparkle/modules'.

Splunk> 4TW

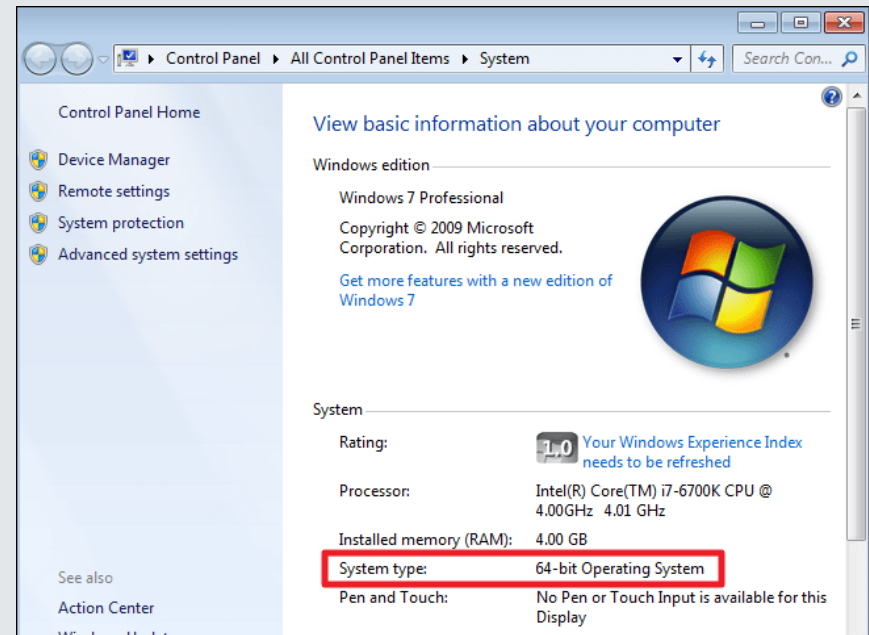
Checking prerequisites...
    Checking http port [8000]: open
```

Silent installation

# splunk® >



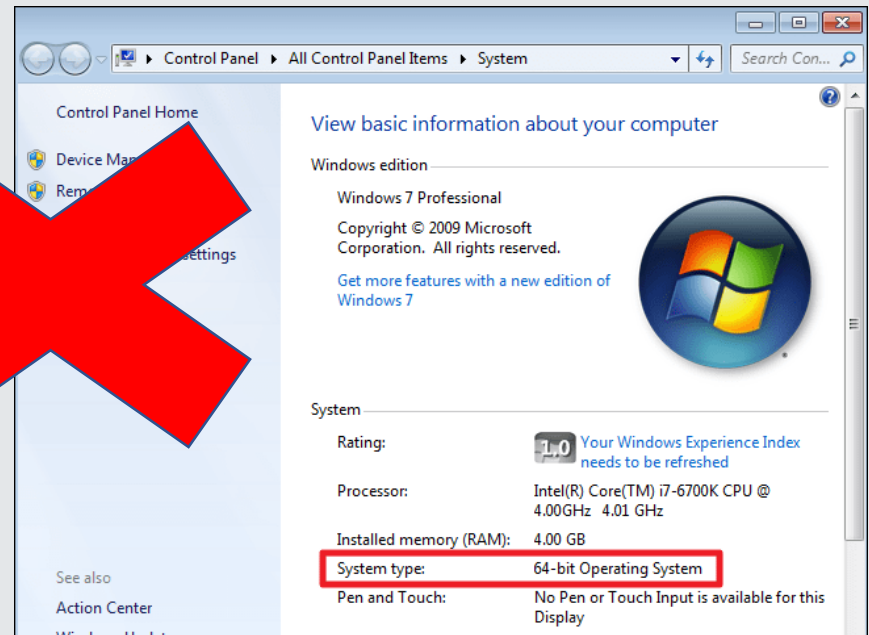
32-bit version of Splunk  
Enterprise



# splunk®



32-bit version of Splunk  
Enterprise



splunk®



Windows Server 2003

**Before you install**



# Before you install

- Choose the Windows user Splunk should run as
- Disable or limit antivirus software if able
- Consider installing Splunk software into a directory with a short path name

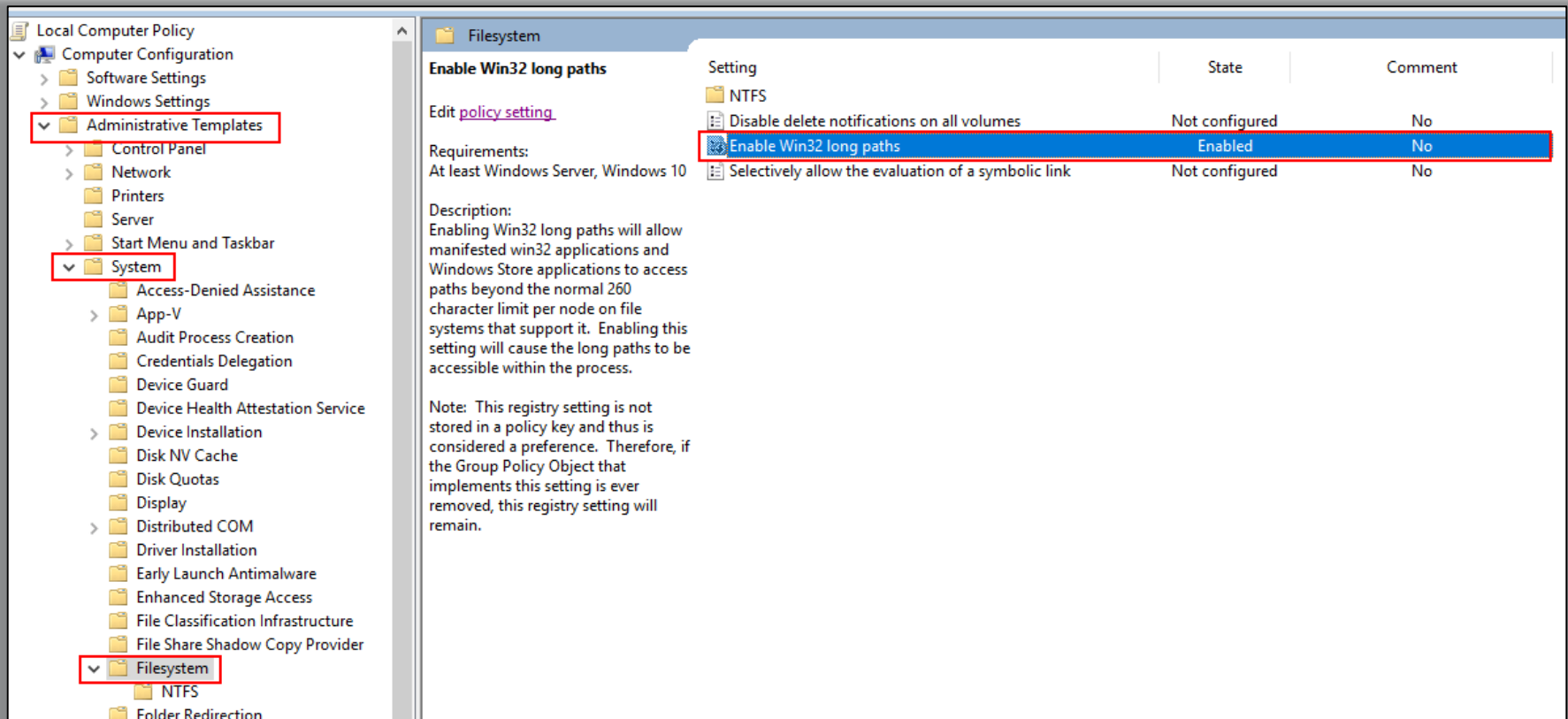
# Disable or limit antivirus software if able



# Choose the Windows user Splunk should run as

`\Program Files\Splunk`

# Choose the Windows user Splunk should run as



The Windows API has a path limitation of MAX\_PATH which Microsoft defines as 260 characters including the drive letter, colon, backslash, 256-characters for the path, and a null terminating character.

# Choose the Windows user Splunk should run as

- Installing the software into a directory with a short path length

C:\Splunk or D:\SPL

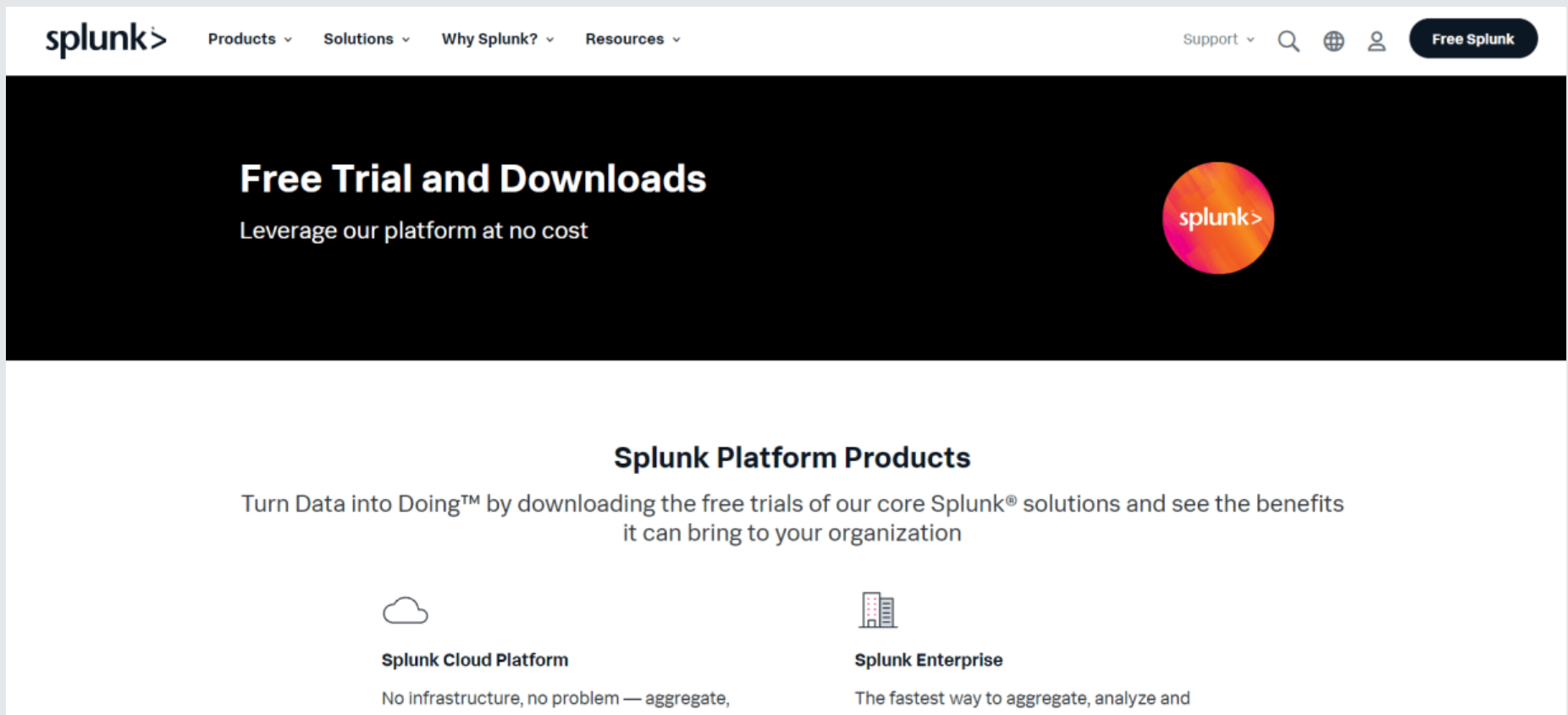
# Install Splunk Enterprise via the GUI installer

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1. [https://www.splunk.com/en\\_us/download.html](https://www.splunk.com/en_us/download.html)

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The screenshot shows the Splunk website's 'Free Trial and Downloads' page. The header features the Splunk logo and navigation links: Products, Solutions, Why Splunk?, and Resources. On the right, there are links for Support, a search icon, a globe icon, a user icon, and a 'Free Splunk' button. The main content area has a dark background with the text 'Free Trial and Downloads' and 'Leverage our platform at no cost'. A circular Splunk logo is also present. Below this, the section 'Splunk Platform Products' is introduced with the text 'Turn Data into Doing™ by downloading the free trials of our core Splunk® solutions and see the benefits it can bring to your organization'. Two product cards are shown: 'Splunk Cloud Platform' with a cloud icon and the text 'No infrastructure, no problem — aggregate,', and 'Splunk Enterprise' with a server icon and the text 'The fastest way to aggregate, analyze and'.

splunk> Products ▾ Solutions ▾ Why Splunk? ▾ Resources ▾ Support ▾ 🔍 🌐 👤 Free Splunk


## Free Trial and Downloads

Leverage our platform at no cost




### Splunk Platform Products

Turn Data into Doing™ by downloading the free trials of our core Splunk® solutions and see the benefits it can bring to your organization



#### Splunk Cloud Platform

No infrastructure, no problem — aggregate,



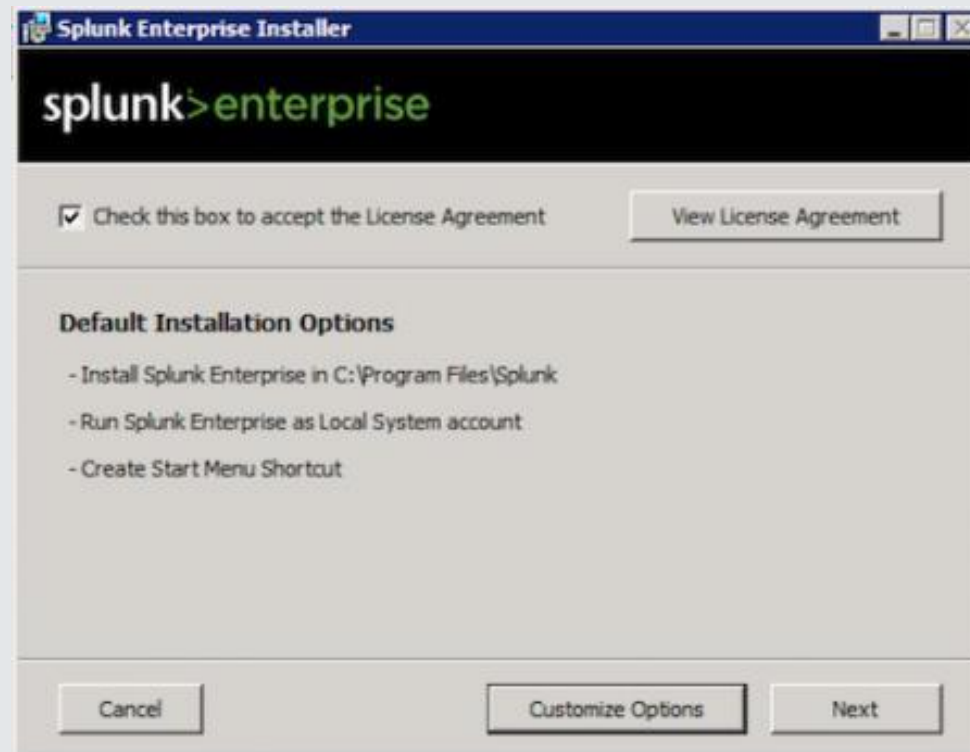
#### Splunk Enterprise

The fastest way to aggregate, analyze and

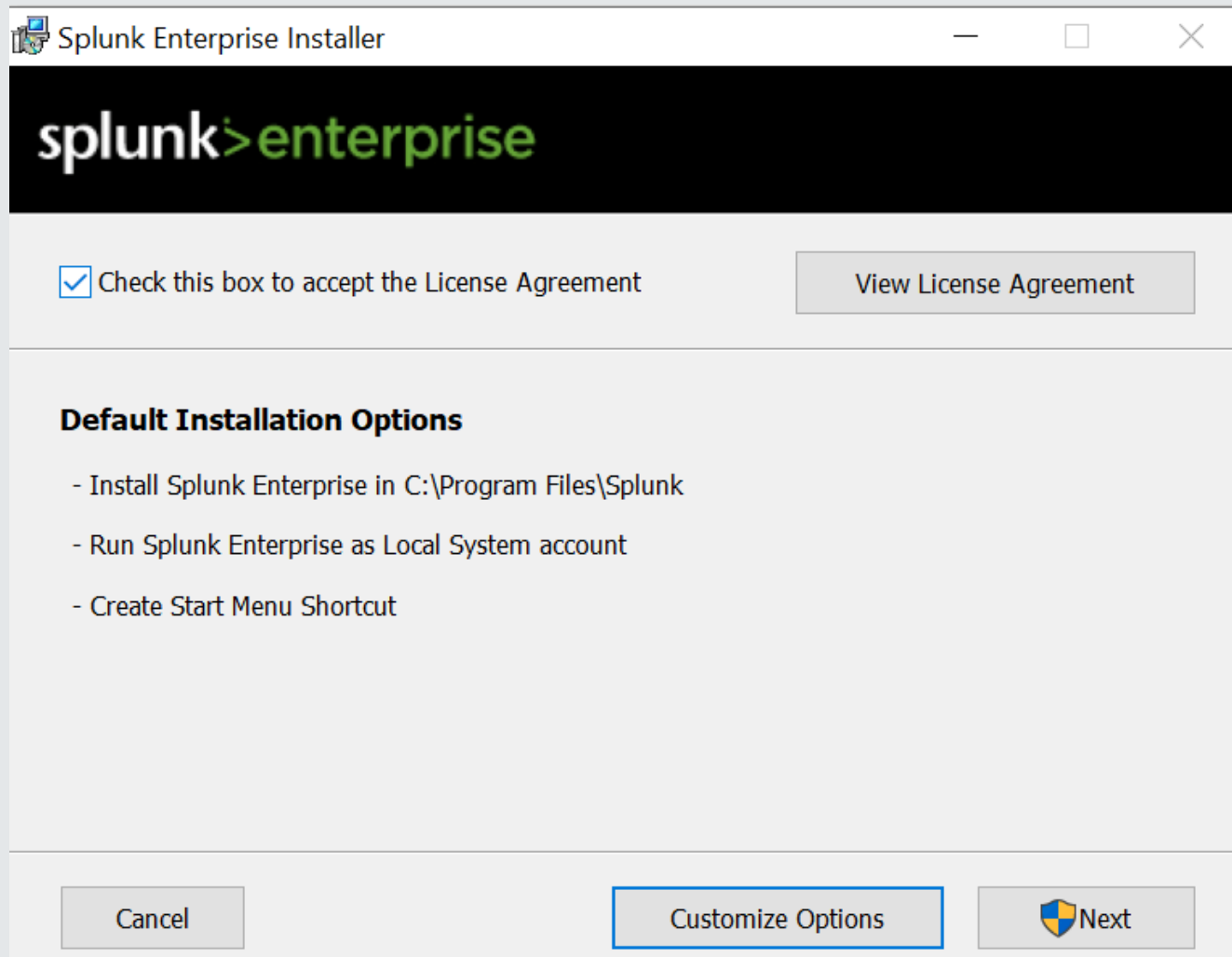


# Install Splunk Enterprise via the GUI installer

1. [https://www.splunk.com/en\\_us/download.html](https://www.splunk.com/en_us/download.html)
2. Double click the splunk.msi file.



# Install Splunk Enterprise via the GUI installer



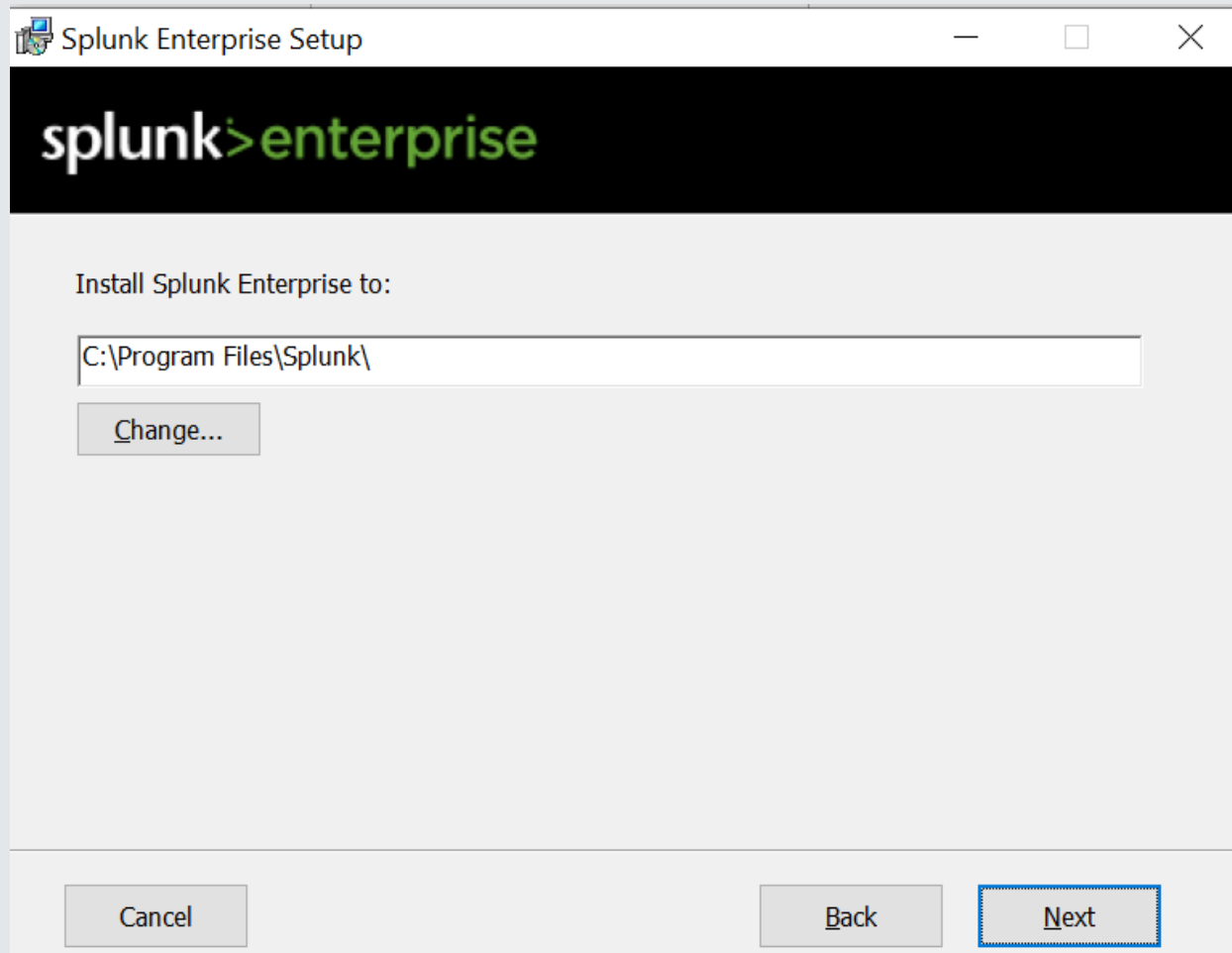
# Install Splunk Enterprise via the GUI installer

Customize Options



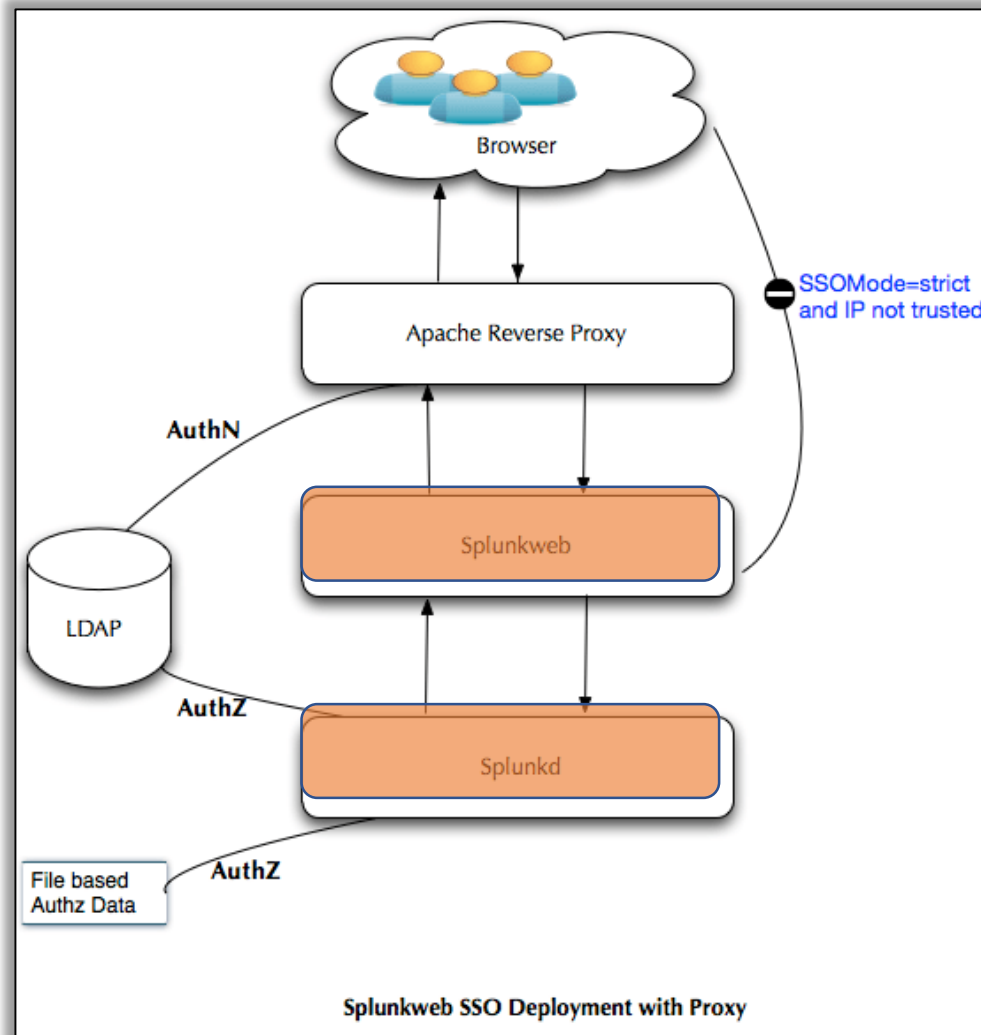
**Customize options  
during the installation**

# Install Splunk Enterprise via the GUI installer



Install Splunk Enterprise

# Customize options during the installation



# Customize options during the installation

- These services install and run as the user you specify on the "Choose the user Splunk Enterprise should run as" panel. You can choose to run Splunk Enterprise as the Local System user, or another user.
- domain\username format

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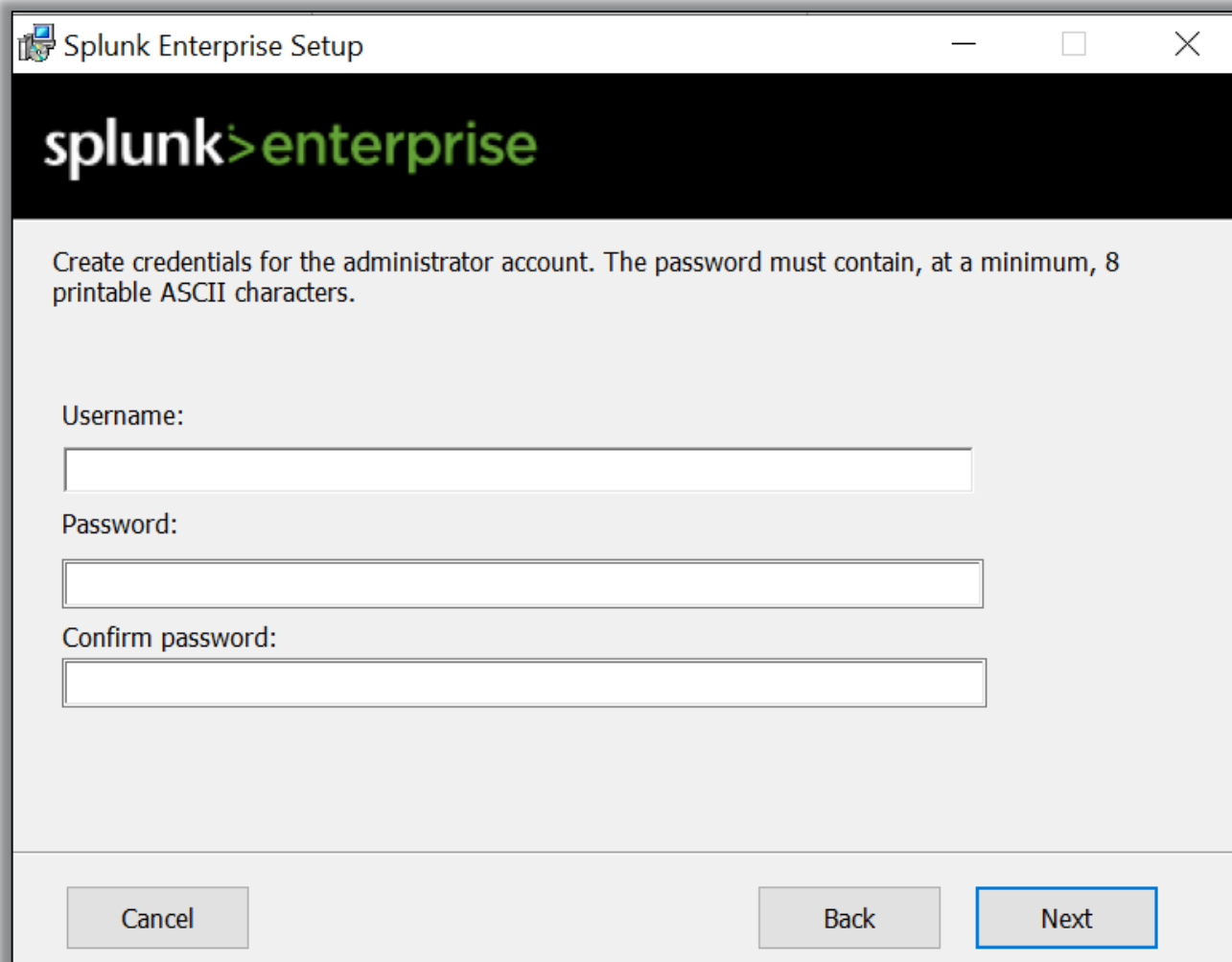
# Customize options during the installation

- Splunk Enterprise must run under
  - either the Local System account or a valid user account with a valid password and local administrator privileges.

# Customize options during the installation



# Customize options during the installation



The screenshot shows a Windows-style window titled "Splunk Enterprise Setup". The window has a black header bar with the "splunk>enterprise" logo in white and green. Below the header, there is a text instruction: "Create credentials for the administrator account. The password must contain, at a minimum, 8 printable ASCII characters." Following this instruction are three input fields: "Username:", "Password:", and "Confirm password:". Each field is represented by a white rectangular box with a thin grey border. At the bottom of the window, there are three buttons: "Cancel", "Back", and "Next". The "Next" button is highlighted with a blue border, indicating it is the active or recommended action.

Splunk Enterprise Setup

**splunk>enterprise**

Create credentials for the administrator account. The password must contain, at a minimum, 8 printable ASCII characters.

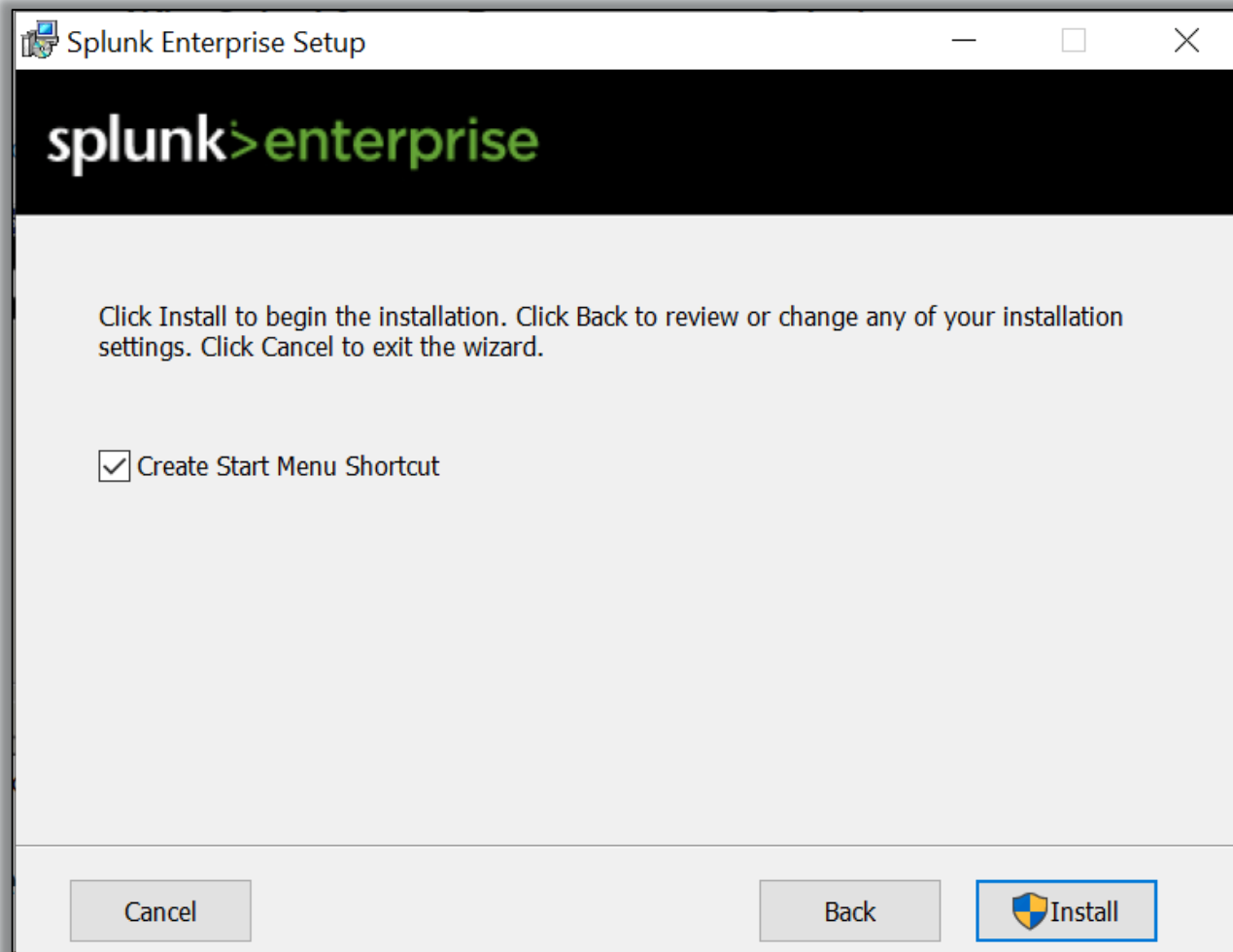
Username:

Password:

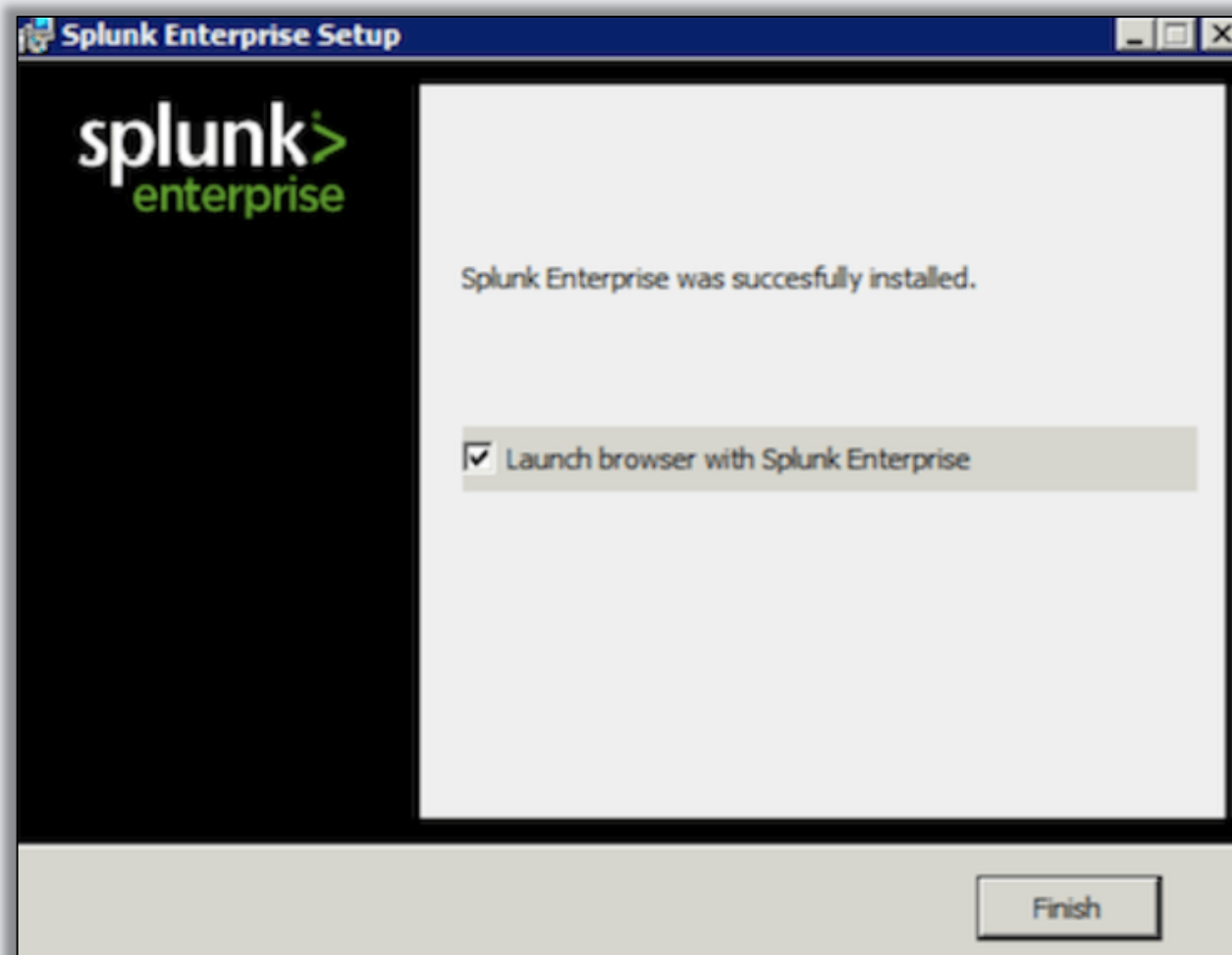
Confirm password:

Cancel Back Next

# Customize options during the installation



# Complete the installation



**Install or upgrade  
license**



**That's all for now...**