

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

sent/web/thebuggenie \$./tbg_cli remote:show_issue thebuggenie:389 --include_comments
Detailed information about thebuggenie issue #389 on <http://thebuggenie.com>

Issue #389 Add Bug Genie version to general tab of configuration page

Created: Tue, 15 Feb 2011 12:07:44 GMT (1297771684)
Posted by: kantosol
Updated: Tue, 15 Feb 2011 12:07:44 GMT (1297771684)
Assigned to: zegerne
Status: In progress
Description: I think it would be nice to see what version of Bug Genie you have installed. This 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: zegerne
Posted: Tue, 15 Feb 2011 12:26:25 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 "zegerne".
- Information about the user working on this issue has been changed, from "Not being worked on" to "Working on".

Comment #2
Posted by: zegerne
Posted: Tue, 15 Feb 2011 12:26:39 GMT (1297772799)
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



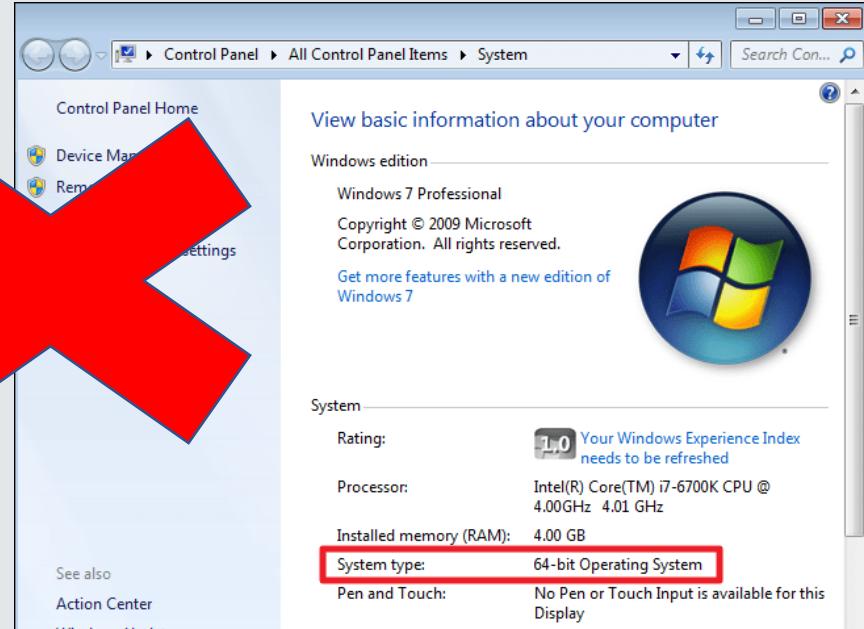
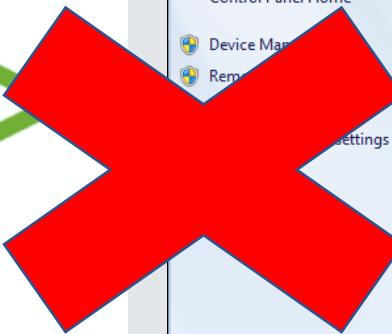
32-bit version of Splunk
Enterprise



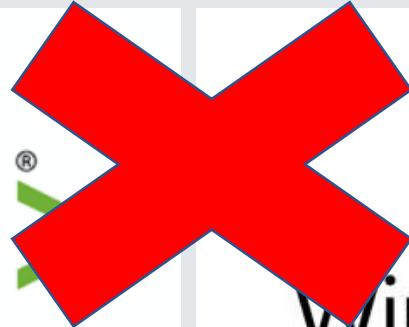
splunk®



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 screenshot shows the Windows Local Computer Policy snap-in. On the left, the navigation pane displays the following tree structure under 'Computer Configuration' > 'Administrative Templates' > 'System' > 'Filesystem':

- Control Panel
- Network
- Printers
- Server
- Start Menu and Taskbar
- System** (selected)
- Access-Denied Assistance
- App-V
- Audit Process Creation
- Credentials Delegation
- Device Guard
- Device Health Attestation Service
- Device Installation
- Disk NV Cache
- Disk Quotas
- Display
- Distributed COM
- Driver Installation
- Early Launch Antimalware
- Enhanced Storage Access
- File Classification Infrastructure
- File Share Shadow Copy Provider
- Filesystem** (selected)
- NTFS
- Folder Redirection

The main pane shows the 'Enable Win32 long paths' policy setting. The table lists three settings:

Setting	State	Comment
NTFS	Not configured	No
Disable delete notifications on all volumes	Enabled	No
Enable Win32 long paths	Enabled	No
Selectively allow the evaluation of a symbolic link	Not configured	No

Description:
Enabling Win32 long paths will allow manifested win32 applications and Windows Store applications to access paths beyond the normal 260 character limit per node on file systems that support it. Enabling this setting will cause the long paths to be accessible within the process.

Note: This registry setting is not stored in a policy key and thus is considered a preference. Therefore, if the Group Policy Object that implements this setting is ever removed, this registry setting will remain.

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

Install Splunk Enterprise via the GUI installer

1. https://www.splunk.com/en_us/download.html

Install Splunk Enterprise via the GUI installer

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The screenshot shows the top navigation bar of the Splunk website with links for Products, Solutions, Why Splunk?, Resources, Support, and a search icon. A prominent orange button labeled "Free Splunk" is visible. Below the navigation is a large black banner with the text "Free Trial and Downloads" and "Leverage our platform at no cost". To the right of this banner is the Splunk logo. The main content area features a section titled "Splunk Platform Products" with descriptions for "Splunk Cloud Platform" and "Splunk Enterprise".

splunk> Products Solutions Why Splunk? Resources Support Free Splunk

Free Trial and Downloads
Leverage our platform at no cost

splunk>

Splunk Platform Products

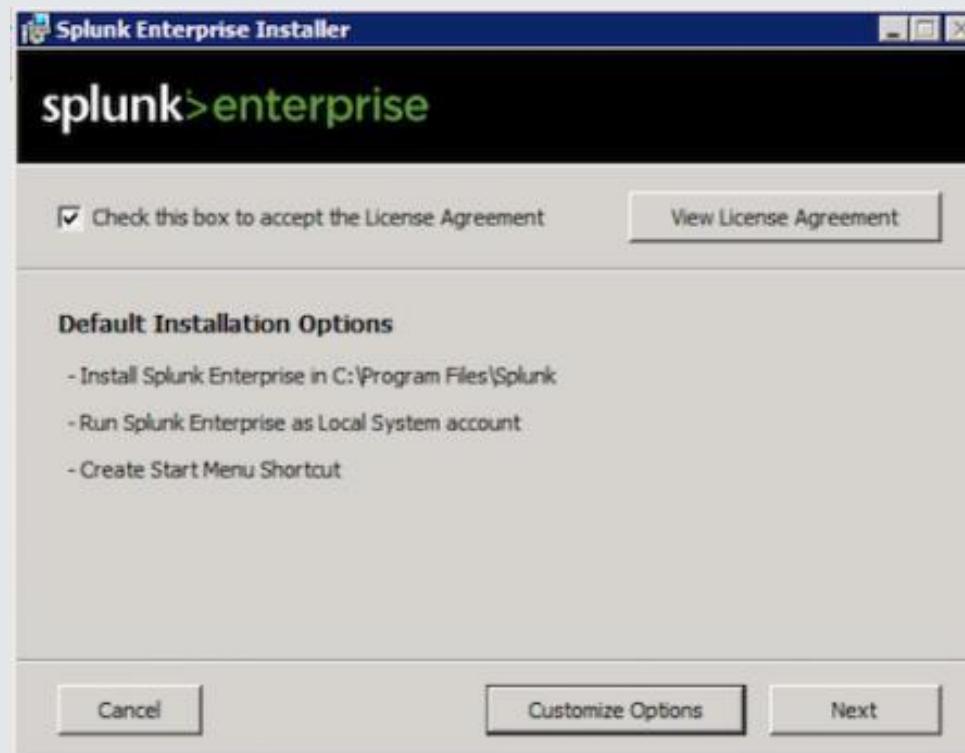
Turn Data into Doing™ by downloading the free trials of our core Splunk® solutions and see the benefits it can bring to your organization

Splunk Cloud Platform
No infrastructure, no problem — aggregate,

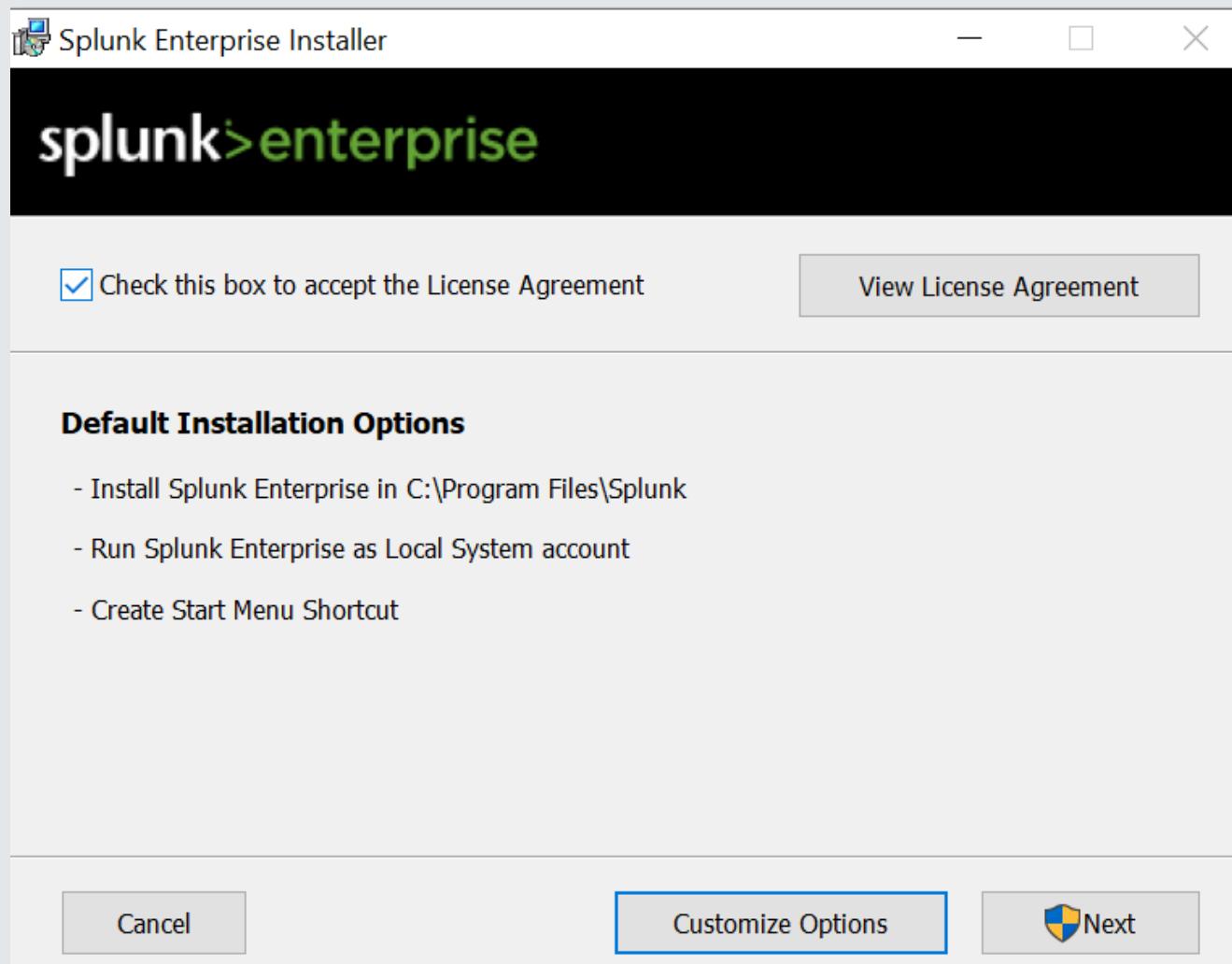
Splunk Enterprise
The fastest way to aggregate, analyze and

Install Splunk Enterprise via the GUI installer

1. https://www.splunk.com/en_us/download.html
2. Double click the splunk.msi file.



Install Splunk Enterprise via the GUI installer



Install Splunk Enterprise via the GUI installer

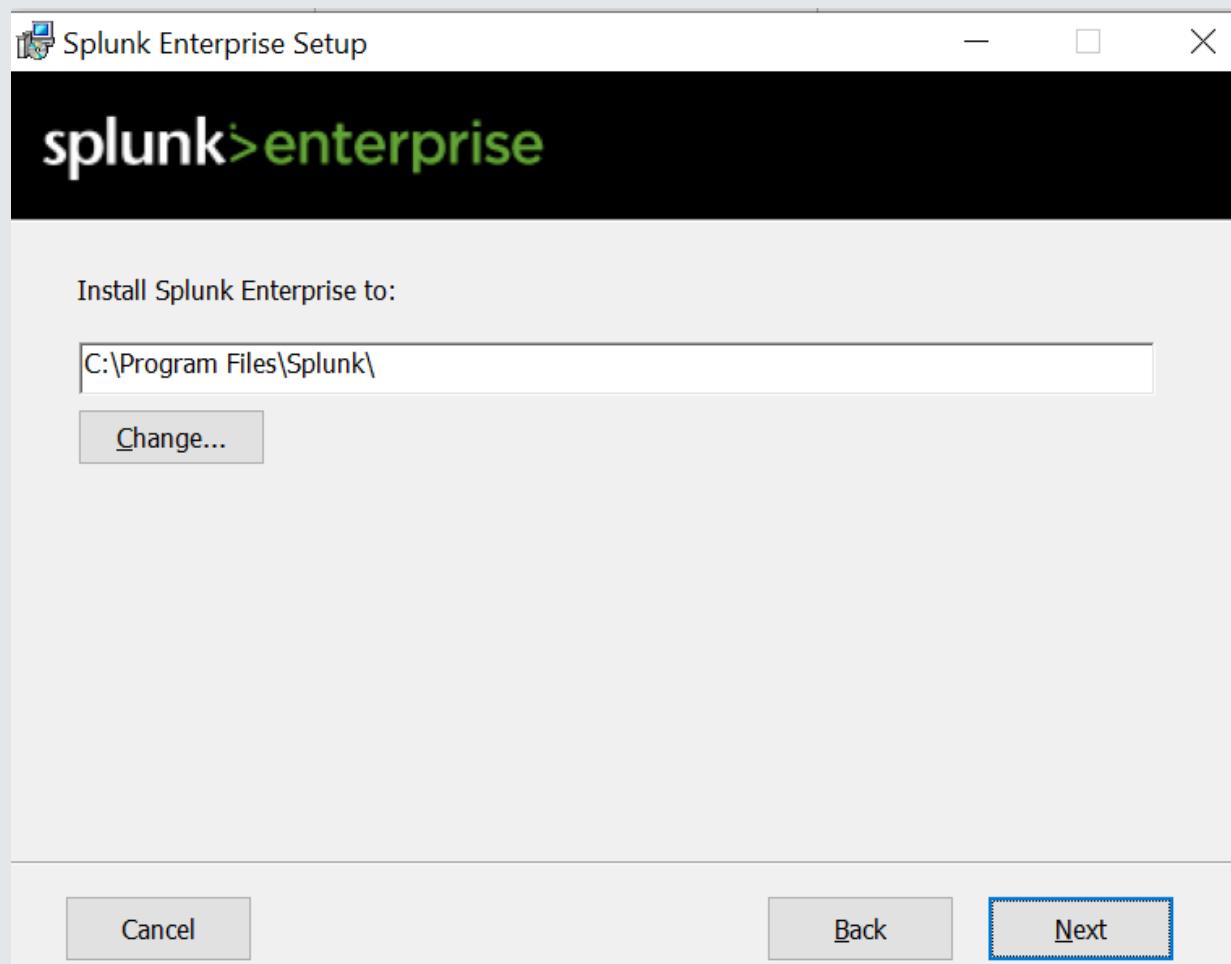
Customize Options



Next

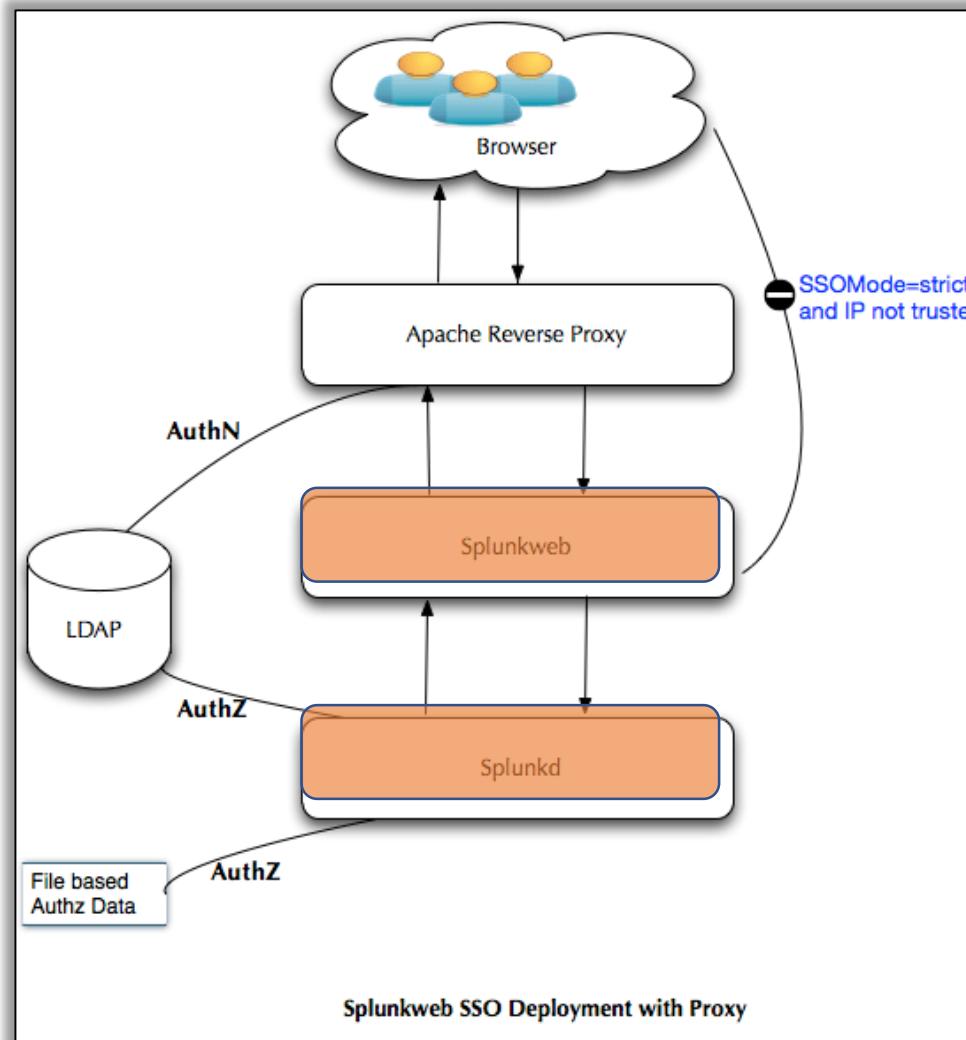
**Customize options
during the installation**

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

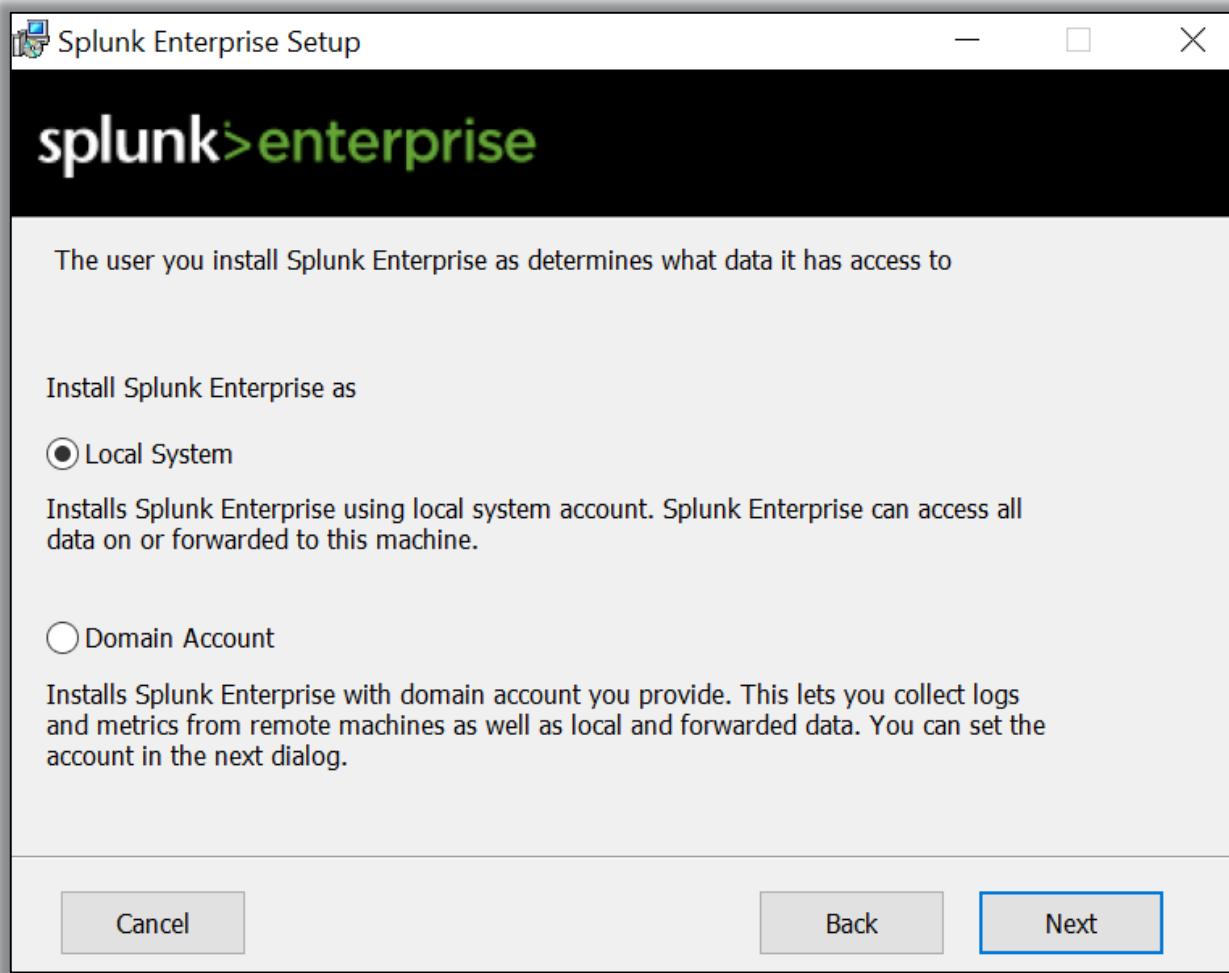
Customize options during the installation

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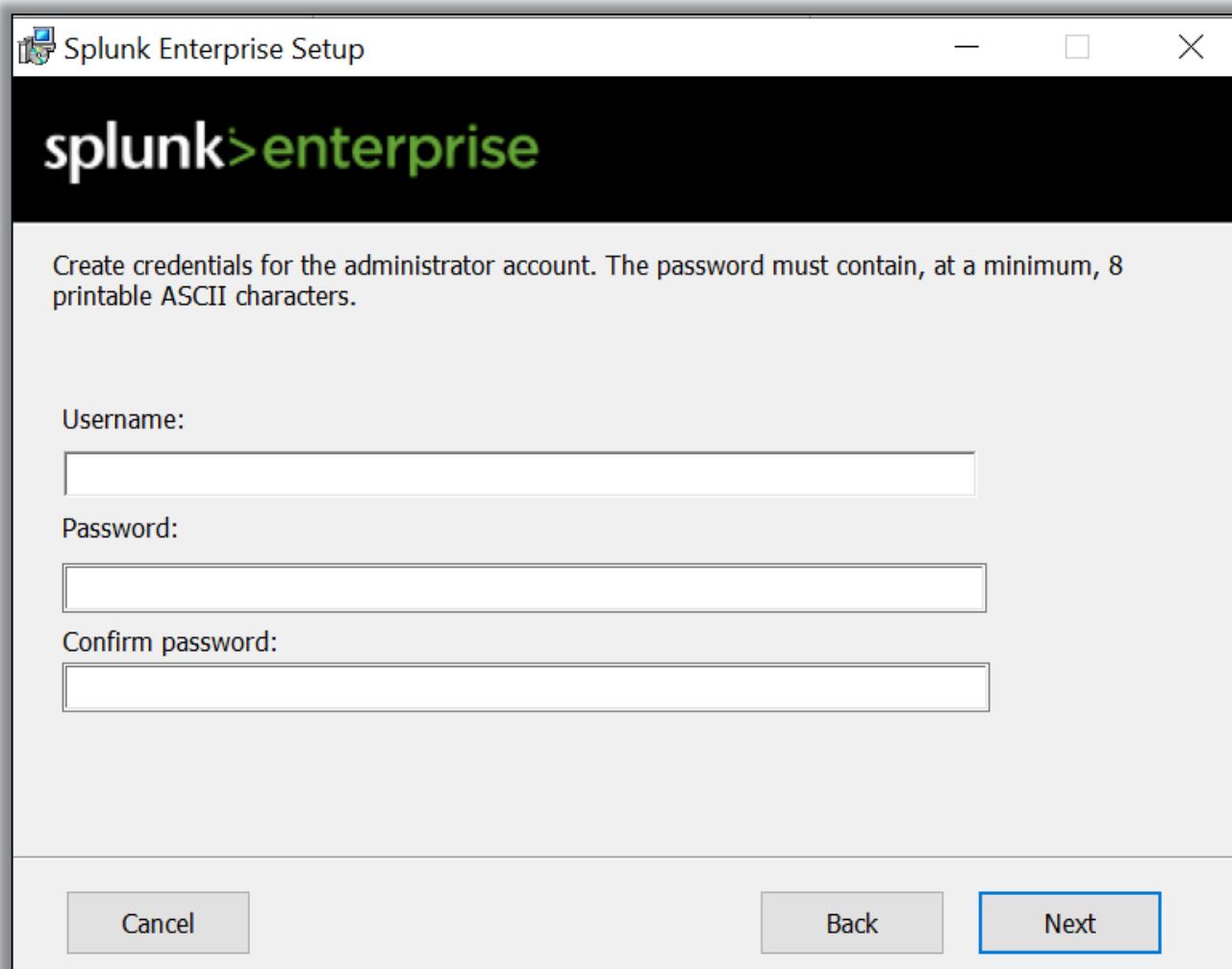
Customize options during the installation

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

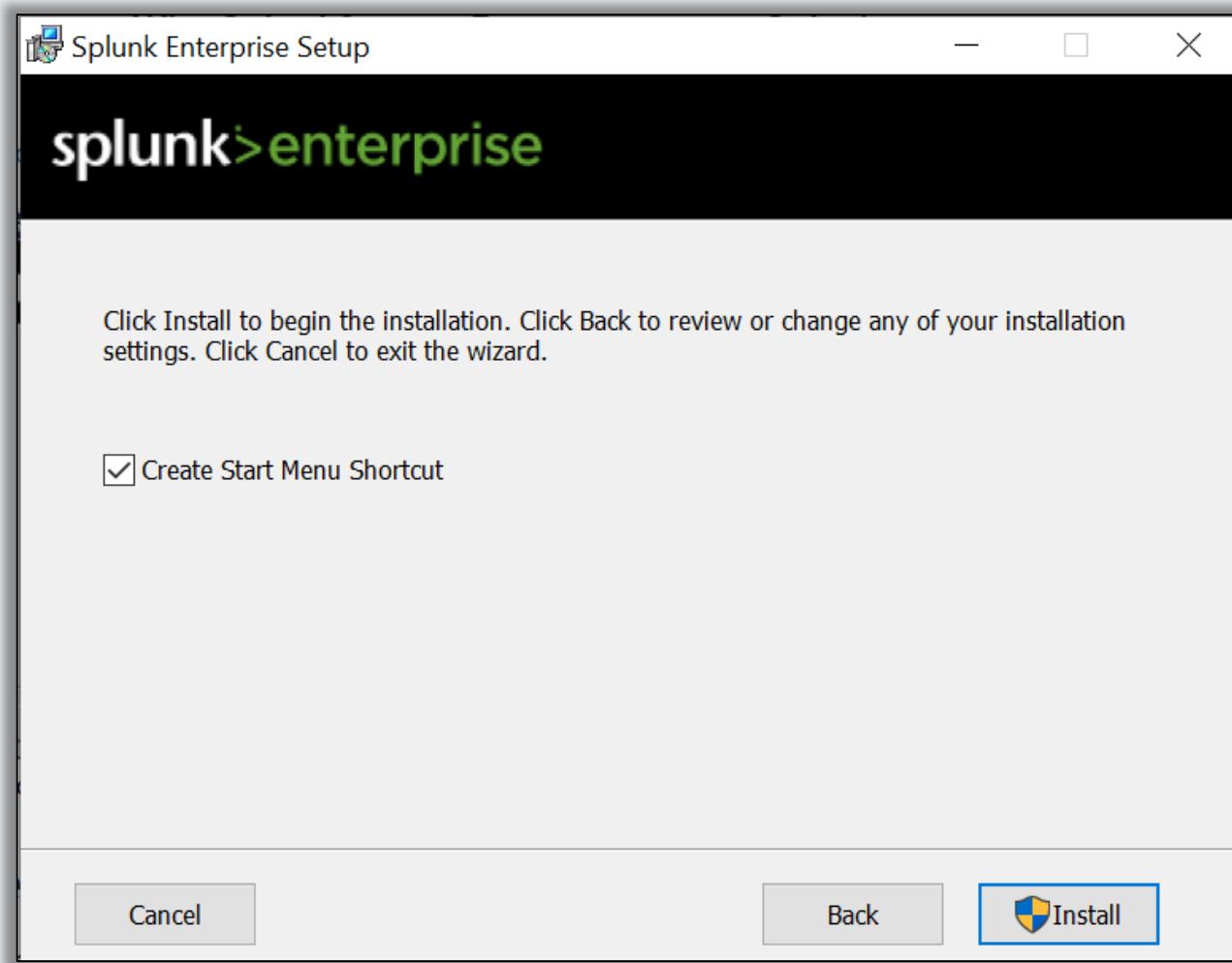
Customize options during the installation



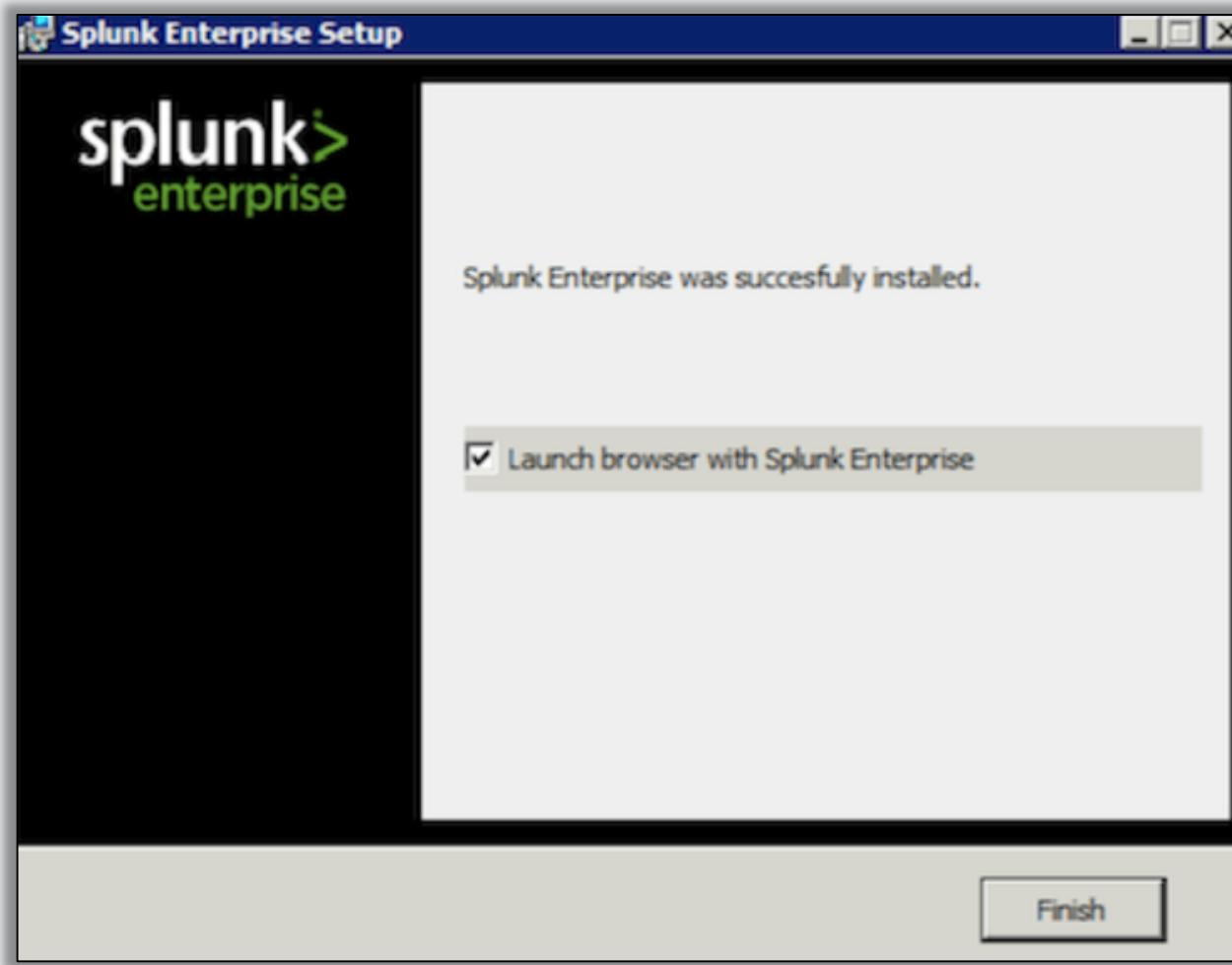
Customize options during the installation



Customize options during the installation



Complete the installation



Install or upgrade
license



That's all for now...