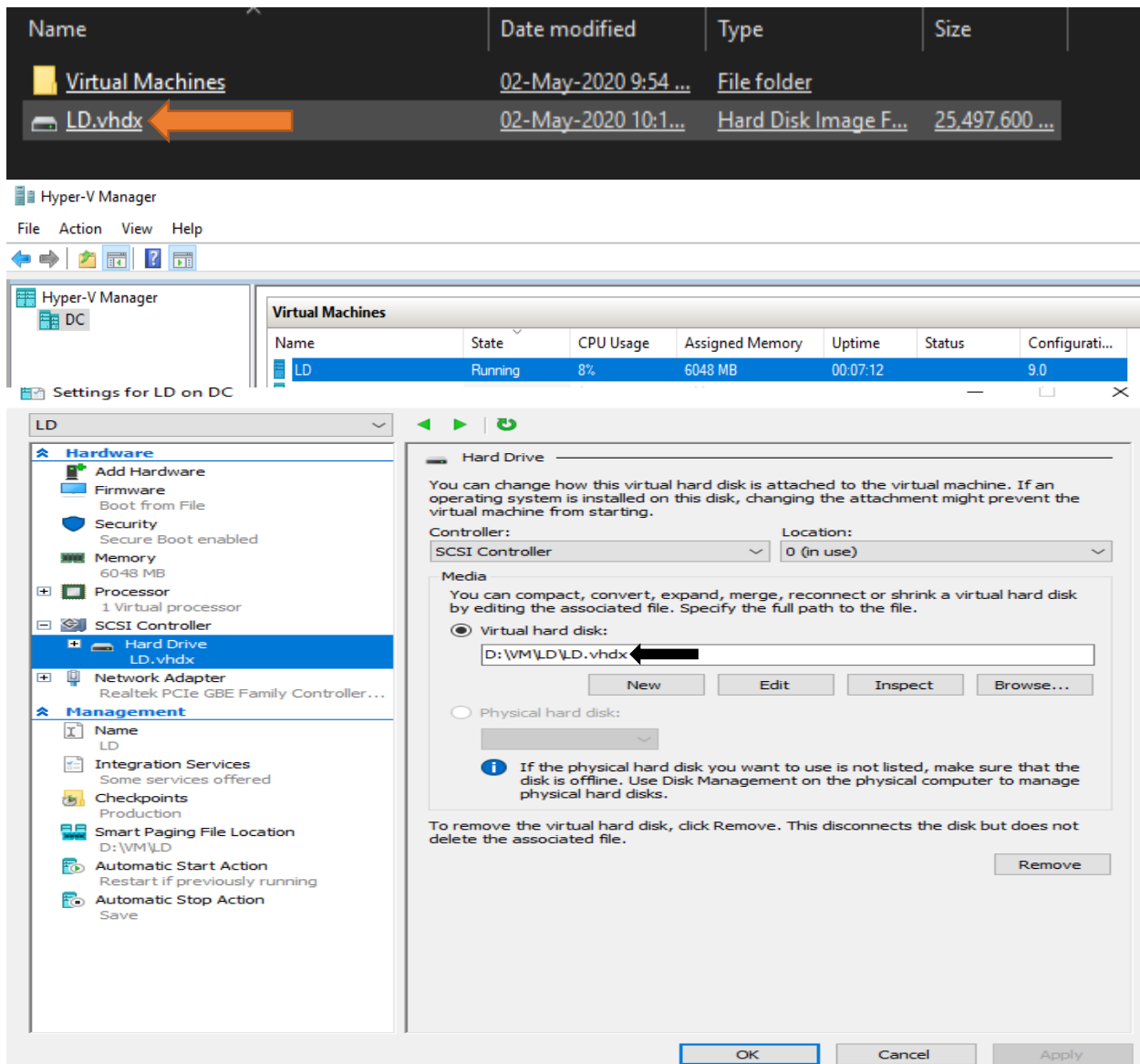


Installing LanDesk (Ivanti Endpoint Manager Suite)

In this post, I will show you how to install trial version of LanDesk Management Suite 2017 on Windows Server 2016. I have a virtual disk sysprepped with Windows Server 2016. I created a virtual machine without hard drive. Copied sysprepped Windows Server 2016 VHDX to LD folder and selected virtual machine settings to add the hard drive.

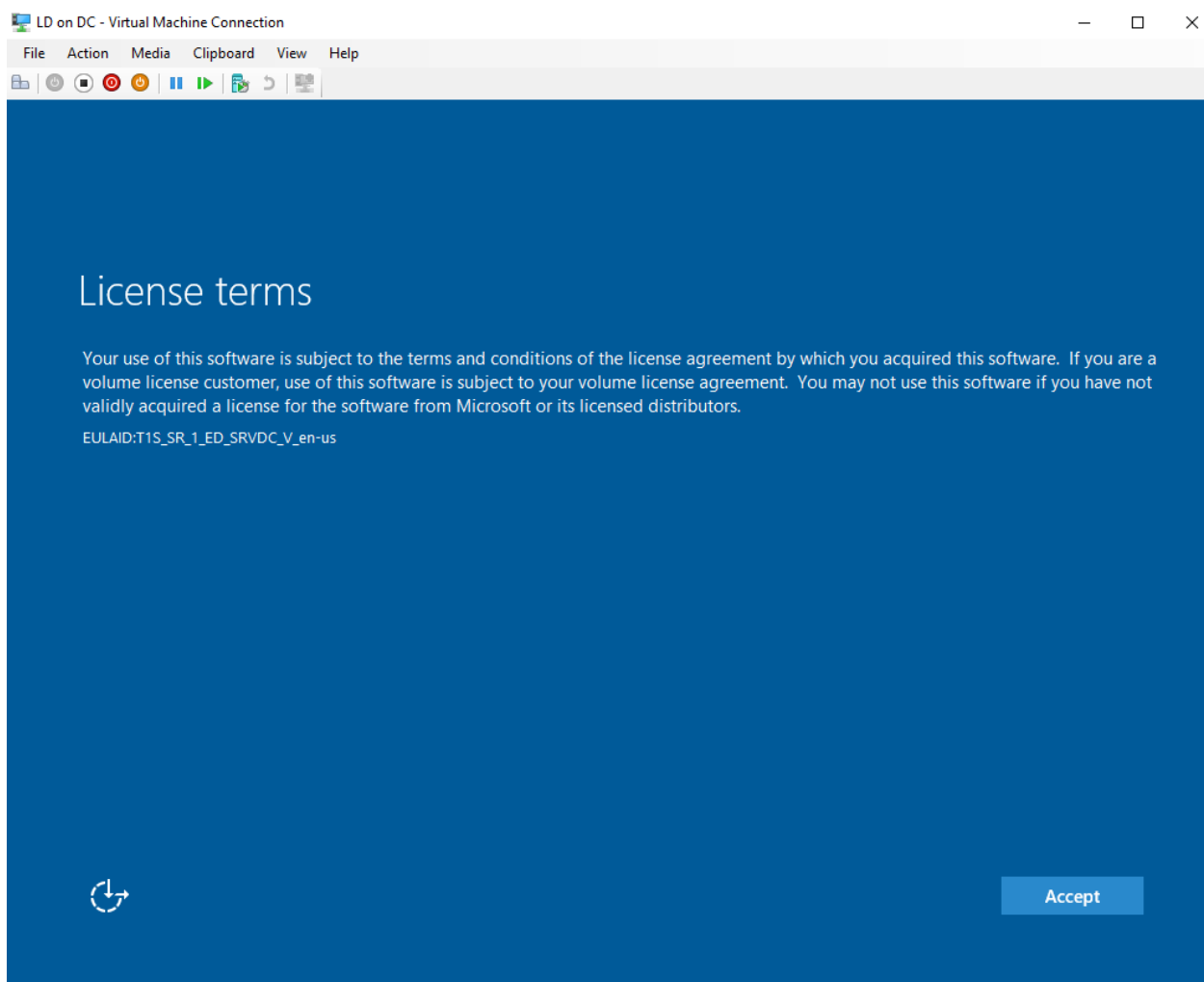
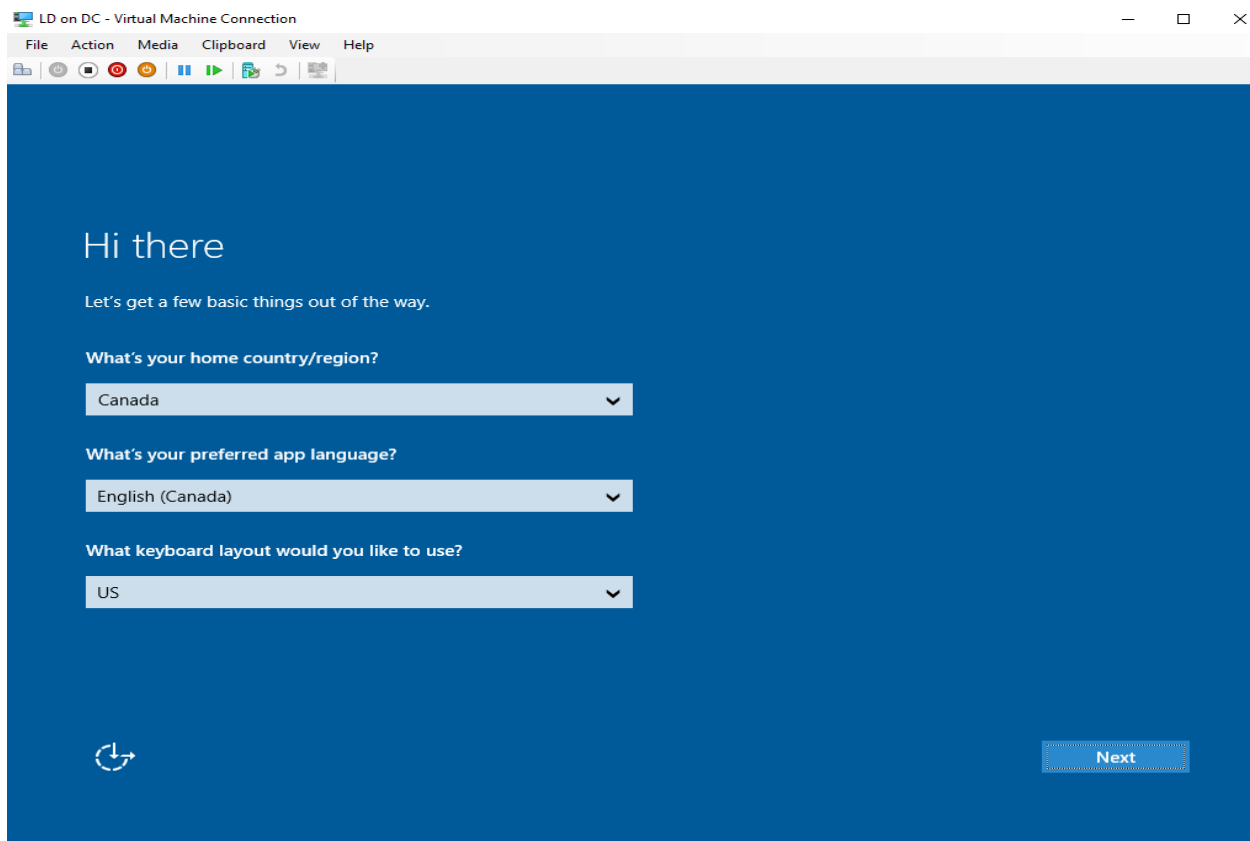
Ivanti® Endpoint Manager (Formerly LANDESK Management Suite)

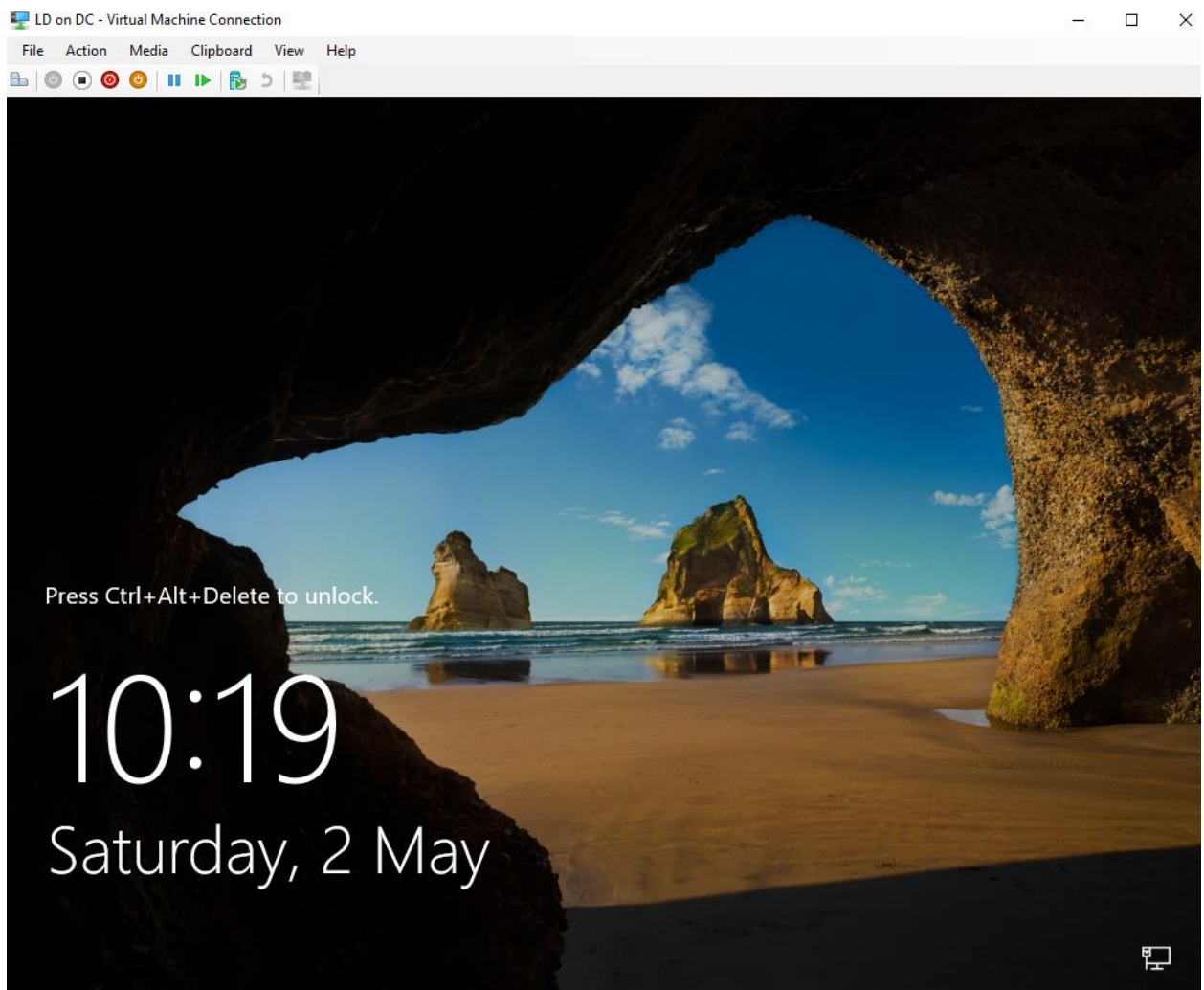
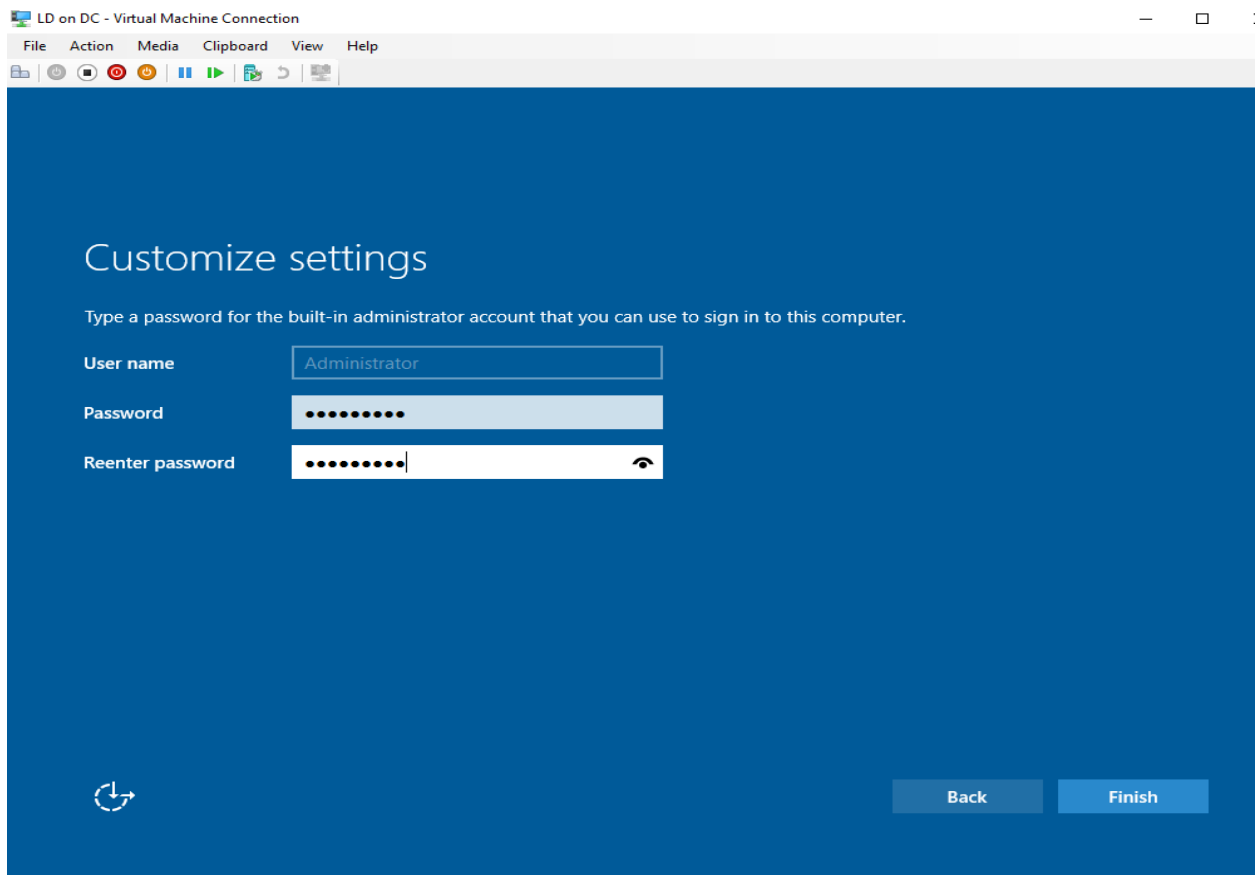
- Inventory and Software License Monitoring
- Software Distribution / Application Virtualization
- Remote Device Management through the Management Gateway
- Operating System Deployment / Provisioning
- Remote Control

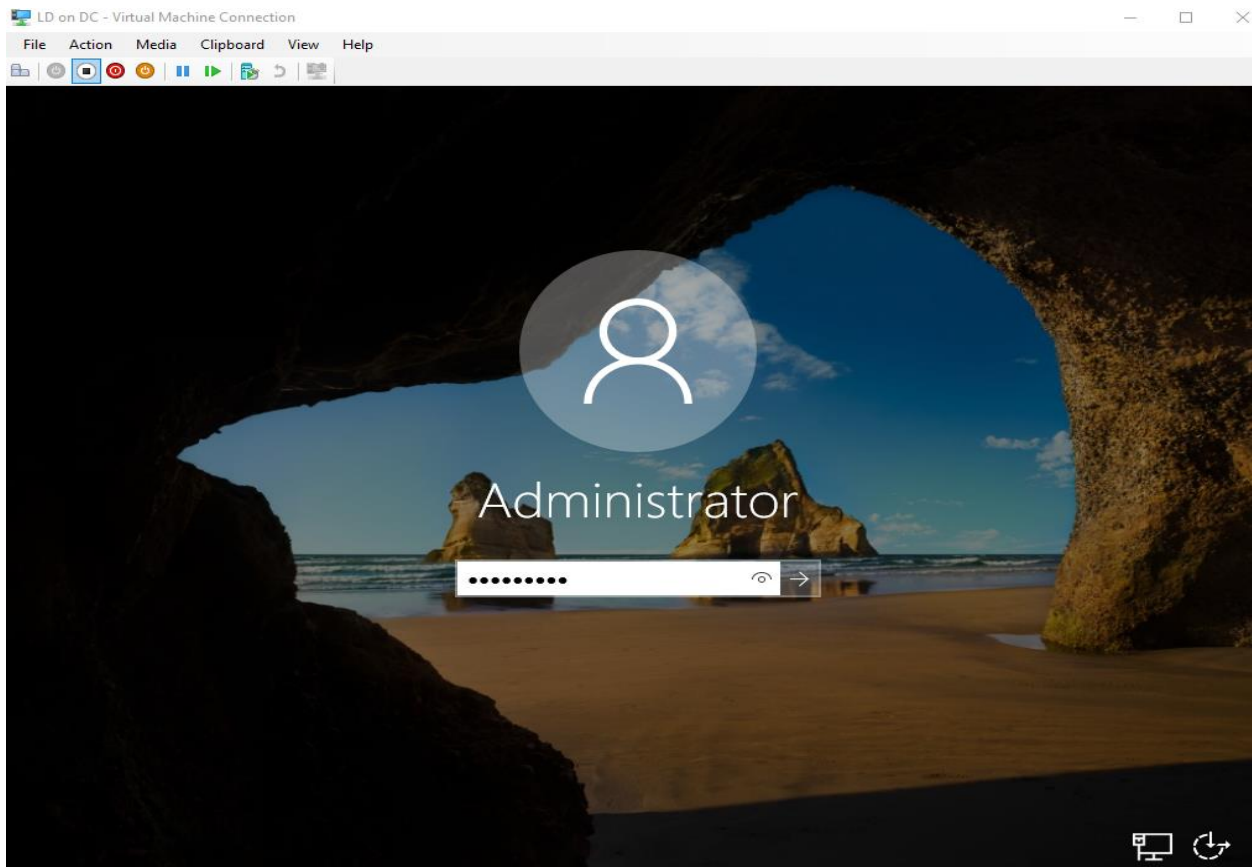


Now, I have powered on the VM to complete the following:

1. Install all the updates
2. Rename Computer Name to LD
3. Join to Domain
4. Install .NETFRAMEWORK 4.8
5. Install SQL 2016 and latest updates (SP2 + CU15)
6. SQL Management Studio
7. Restart the system







LD on DC - Virtual Machine Connection

File Action Media Clipboard View Help

Server Manager

Server Manager ▸ Local Server

Manage Tools View Help

PROPERTIES

For WIN-202UJBCHR1P

Computer name	WIN-202UJBCHR1P	Last installed updates	2018-04-22 9:51 AM
Workgroup	WORKGROUP	Windows Update	Download updates
		Last checked for updates	2018-04-22 10:10 AM
Windows Firewall	Private: Off	Windows Defender	Real-Time Protection
Remote management	Enabled	Feedback & Diagnostics	Settings
Remote Desktop	Enabled	IE Enhanced Security Configuration	Off
NIC Teaming	Disabled	Time zone	(UTC-05:00) Eastern Standard Time
Ethernet	IPv4 address assigned by DHCP, IPv6 enabled	Product ID	Not activated
Operating system version	Microsoft Windows Server 2016 Datacenter	Processors	Intel(R) Core(TM) i7-6800K CPU @ 3.60GHz
Hardware information	Microsoft Corporation Virtual Machine	Installed memory (RAM)	5.91 GB
		Total disk space	299.45 GB

EVENTS

All events | 8 total

Filter

Server Name	ID	Severity	Source	Log	Date and Time
WIN-202UJBCHR1P	8198	Error	Microsoft-Windows-Security-SPP	Application	2020-05-02 10:20:52 AM
WIN-202UJBCHR1P	10016	Error	Microsoft-Windows-DistributedCOM	System	2020-05-02 10:20:08 AM
WIN-202UJBCHR1P	1534	Warning	Microsoft-Windows-User Profile Service	Application	2020-05-02 10:20:03 AM

Settings

Home

Find a setting

Update & security

Windows Update

Windows Defender

Recovery

Activation

For developers

Update status

Checking for updates...

Update history

Update settings

Available updates will be downloaded automatically, except over metered connections (where charges may apply). You'll be asked to install updates when they've been downloaded.

Change active hours

Restart options

Advanced options

Looking for info on the latest updates?

Learn more

LD on DC - Virtual Machine Connection

File Action Media Clipboard View Help

Settings

Home

Find a setting

Update & security

Windows Update

Windows Defender

Recovery

Activation

For developers

Update status

Updates are available.

- 2020-04 Servicing Stack Update for Windows Server 2016 for x64-based Systems (KB4550994).
- 2019-04 Cumulative Update for Windows Server 2016 for x64-based Systems (KB4493470).

Downloading updates 13%

Update history

Update settings

Available updates will be downloaded automatically, except over metered connections (where charges may apply). You'll be asked to install updates when they've been downloaded.

Change active hours

Restart options

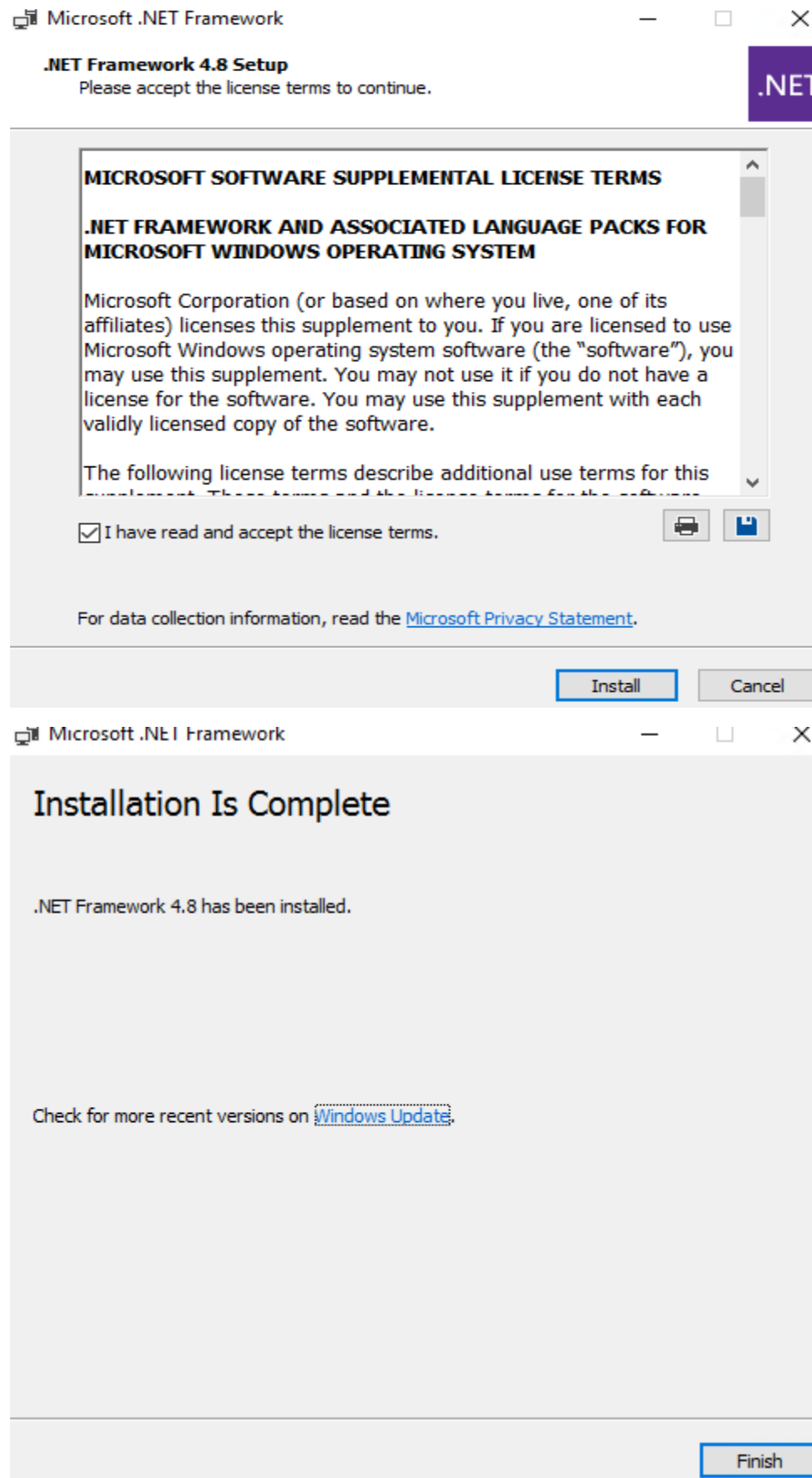
Advanced options

Looking for info on the latest updates?













Learn more

.NET Framework 4.8 Install:













<https://support.microsoft.com/en-ca/help/4503548/microsoft-net-framework-4-8-offline-installer-for-windows>



SQL 2016 Install:

LD > WD1 (\\DC) (Z:) > Trekstor Backup Jul 2017 > SQL 2016 Entp >				
Name	Date modified	Type	Size	
 01 SQL 2016 SP1 x64 9542382	01-Dec-2016 7:11 ...	Disc Image File	2,653,110 KB	
 02 SQLServer2016SP2-KB4052908-x64-ENU	24-Jul-2018 12:59 ...	Application	792,676 KB	
 03 CU5 for SQL Server 2016 SP2 - KB4475776	10-Feb-2019 8:52 ...	Application	728,751 KB	
 04 SSMS Nov 2018	30-Nov-2018 12:5...	Application	826,310 KB	
 DataMigrationAssistant	04-Apr-2018 10:01...	Windows Installer ...	14,316 KB	
 DetermineVersionOfComponents	20-Feb-2018 11:16...	Compressed (zipp...	34 KB	
 DetermineVersionOfSQLServer	20-Feb-2018 11:15...	Compressed (zipp...	5 KB	
 Keys	15-Oct-2016 10:35...	Text Document	1 KB	
 ReportBuilder3	23-Mar-2018 11:52...	Windows Installer ...	23,544 KB	
 SQL Version History	30-Nov-2018 12:1...	JPG File	65 KB	
 SSMS Version History	30-Nov-2018 12:3...	JPG File	82 KB	
 SSMS-Setup-ENU-Upgrade	30-Nov-2018 12:4...	Application	379,568 KB	

> LD > DVD Drive (D:) SQL2016_x64_ENU >

Name	Date modified	Type	Size
 1033 ENU LP	30-Oct-2016 5:51 ...	File folder	
 PCUSOURCE	30-Oct-2016 5:51 ...	File folder	
 redist	30-Oct-2016 5:51 ...	File folder	
 resources	30-Oct-2016 5:51 ...	File folder	
 Tools	30-Oct-2016 5:51 ...	File folder	
 x64	31-Oct-2016 2:05 ...	File folder	
 autorun	09-Feb-2016 10:38...	Setup Information	1 KB
 MediaInfo	29-Oct-2016 7:09 ...	XML Document	1 KB
 setup	29-Oct-2016 8:19 ...	Application	107 KB
 setup.exe.config	09-Feb-2016 10:34...	CONFIG File	1 KB
 SqlSetupBootstrapper.dll	29-Oct-2016 8:20 ...	Application extens...	234 KB
 sqmapi.dll	30-Apr-2016 12:12...	Application extens...	147 KB

 SQL Server Installation Center

Planning

Installation

Maintenance

Tools

Resources

Advanced

Options

 **New SQL Server stand-alone installation or add features to an existing installation**
Launch a wizard to install SQL Server 2016 in a non-clustered environment or to add features to an existing SQL Server 2016 instance.

 **Install SQL Server Management Tools**
Launch a download page that provides a link to install SQL Server Management Studio, SQL Server command-line utilities (SQLCMD and BCP), SQL Server PowerShell provider, SQL Server Profiler and Database Tuning Advisor. An internet connection is required to install these tools.

 **Install SQL Server Data Tools**
Launch a download page that provides a link to install SQL Server Data Tools (SSDT). SSDT provides Visual Studio integration including project system support for Azure SQL Database, the SQL Server Database Engine, Reporting Services, Analysis Services and Integration Services. An internet connection is required to install SSDT.

 **New SQL Server failover cluster installation**
Launch a wizard to install a single-node SQL Server 2016 failover cluster.

 **Add node to a SQL Server failover cluster**
Launch a wizard to add a node to an existing SQL Server 2016 failover cluster.

 **Upgrade from a previous version of SQL Server**
Launch a wizard to upgrade a previous version of SQL Server to SQL Server 2016.

 **New R Server (Standalone) installation**
Launch a wizard to install R Server (Standalone) on a Windows machine. This is typically used by data scientists as a standalone analysis server or as a SQL Server R Services client.

Microsoft® SQL Server® 2016

Product Key

Specify the edition of SQL Server 2016 to install.

Product Key

License Terms
Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Validate this instance of SQL Server 2016 by entering the 25-character key from the Microsoft certificate of authenticity or product packaging. You can also specify a free edition of SQL Server: Developer, Evaluation, or Express. Evaluation has the largest set of SQL Server features, as documented in SQL Server Books Online, and is activated with a 180-day expiration. Developer edition does not have an expiration, has the same set of features found in Evaluation, but is licensed for non-production database application development only. To upgrade from one installed edition to another, run the Edition Upgrade Wizard.

☐ Specify a free edition:

Evaluation

☒ Enter the product key:

< Back

Next >

Cancel

License Terms

To install SQL Server 2016, you must accept the Microsoft Software License Terms.

Product Key
License Terms
Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT SQL SERVER 2016 ENTERPRISE

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft

- updates,
- supplements,
- Internet-based services, and
- support services.

Copy Print

☒ I accept the license terms.

SQL Server 2016 transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about SQL Server 2016 data processing and privacy controls, please see the [Privacy Statement](#).

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Next >

Cancel

Microsoft Update

Use Microsoft Update to check for important updates

Product Key
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Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Microsoft Update offers security and other important updates for Windows and other Microsoft software, including SQL Server 2016. Updates are delivered using Automatic Updates, or you can visit the Microsoft Update website.

☒ Use Microsoft Update to check for updates (recommended)

[Microsoft Update FAQ](#)

[Microsoft Update Privacy Statement](#)

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Next >

Cancel

Install Rules

Setup rules identify potential problems that might occur while running Setup. Failures must be corrected before Setup can continue.

Product Key
License Terms
Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Operation completed. Passed: 4. Failed 0. Warning 1. Skipped 0.

Hide details <<

Re-run

[View detailed report](#)

	Rule	Status
✓	Fusion Active Template Library (ATL)	Passed
✓	Consistency validation for SQL Server registry keys	Passed
✓	Computer domain controller	Passed
✓	Microsoft .NET Application Security	Passed
⚠	Windows Firewall	Warning

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Next >

Cancel

Feature Selection

Select the Enterprise features to install.

Product Key

License Terms

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Microsoft Update

Product Updates

Install Setup Files

Install Rules

Feature Selection

Feature Rules

Instance Configuration

Server Configuration

Database Engine Configuration

Reporting Services Configuration

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

Features:

Instance Features

- ☒ Database Engine Services
 - ☐ SQL Server Replication
 - ☐ R Services (In-Database)
 - ☐ Full-Text and Semantic Extractions for Sea
 - ☐ Data Quality Services
 - ☐ PolyBase Query Service for External Data
- ☐ Analysis Services
- ☒ Reporting Services - Native

Shared Features

- ☐ R Server (Standalone)
- ☐ Reporting Services - SharePoint
- ☐ Reporting Services Add-in for SharePoint Proc

Select All

Unselect All

Feature description:

The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on

Prerequisites for selected features:

Already installed:

Windows PowerShell 3.0 or higher
Microsoft .NET Framework 4.6

Disk Space Requirements

Drive C: 1902 MB required, 264945 MB available

Instance root directory:

C:\Program Files\Microsoft SQL Server\

Shared feature directory:

C:\Program Files\Microsoft SQL Server\

Shared feature directory (x86):

C:\Program Files (x86)\Microsoft SQL Server\

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Next >

Cancel

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

Product Key

License Terms

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Feature Selection

Feature Rules

Instance Configuration

Server Configuration

Database Engine Configuration

Reporting Services Configuration

Feature Configuration Rules

Ready to Install

Installation Progress

Complete

☒ Default instance

☐ Named instance:

MSSQLSERVER

Instance ID:

MSSQLSERVER

SQL Server directory:

C:\Program Files\Microsoft SQL Server\MSSQL13.MSSQLSERVER

Reporting Services directory:

C:\Program Files\Microsoft SQL Server\MSRS13.MSSQLSERVER

Installed instances:

Instance Name	Instance ID	Features	Edition	Version

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Cancel

Server Configuration

Specify the service accounts and collation configuration.

Product Key
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Microsoft Update
Product Updates
Install Setup Files
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Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Reporting Services Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Service Accounts Collation

Microsoft recommends that you use a separate account for each SQL Server service.

Service	Account Name	Password	Startup Type
SQL Server Agent	NT AUTHORITY\SYSTEM		Automatic ▼
SQL Server Database Engine	NT AUTHORITY\SYSTEM		Automatic ▼
SQL Server Reporting Services	NT Service\ReportServer		Automatic ▼
SQL Server Browser	NT AUTHORITY\LOCAL ...		Automatic ▼

☐ Grant Perform Volume Maintenance Task privilege to SQL Server Database Engine Service

This privilege enables instant file initialization by avoiding zeroing of data pages. This may lead to information disclosure by allowing deleted content to be accessed.

[Click here for details](#)

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Cancel

Server Configuration

Specify the service accounts and collation configuration.

Product Key
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Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Reporting Services Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Service Accounts Collation

Database Engine:

Latin1_General_CI_AS

Customize...

Latin1-General, case-insensitive, accent-sensitive, kanatype-insensitive, width-insensitive for Unicode Data, SQL Server Sort Order 52 on Code Page 1252 for non-Unicode Data

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Next >

Cancel

Database Engine Configuration

Specify Database Engine authentication security mode, administrators, data directories and TempDB settings.

Product Key
License Terms
Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Reporting Services Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Server Configuration | Data Directories | TempDB | FILESTREAM

Specify the authentication mode and administrators for the Database Engine.

Authentication Mode

- ☒ Windows authentication mode
☐ Mixed Mode (SQL Server authentication and Windows authentication)

Specify the password for the SQL Server system administrator (sa) account.

Enter password:

Confirm password:

Specify SQL Server administrators

RAMLAN\Administrator (Administrator)
LD\Administrator (Administrator)

Select Mixed Mode Authentication – if not you will have issue with database connection during the install.

SQL Server administrators have unrestricted access to the Database Engine.

Add Current User

Add...

Remove

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Cancel

Reporting Services Configuration

Specify the Reporting Services configuration mode.

Product Key
License Terms
Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Reporting Services Configura...
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Reporting Services Native Mode

- ☐ Install and configure.
Installs and configures the report server in native mode. The report server is operational after setup completes.
- ☒ Install only.
Installs the report server files. After installation, use Reporting Services Configuration Manager to configure the report server for native mode.

Reporting Services SharePoint Integrated Mode

- ☐ Install only.
Installs the report server files. After installation use SharePoint Central Administration to complete the configuration. Verify the SQL Server Reporting Services service is started and create at least one SQL Server Reporting Services service application. For more information, click Help.

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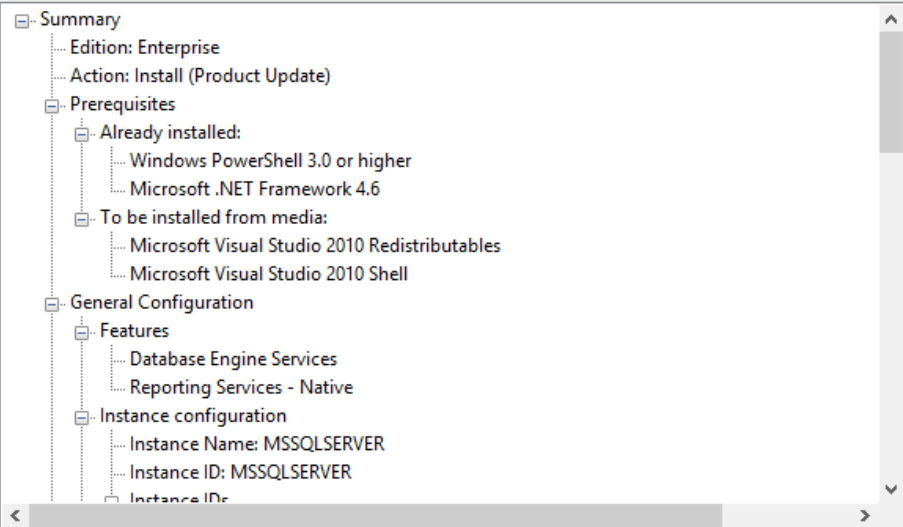
Cancel

Ready to Install

Verify the SQL Server 2016 features to be installed.

Product Key
License Terms
Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Reporting Services Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Ready to install SQL Server 2016:



Configuration file path:

C:\Program Files\Microsoft SQL Server\130\Setup Bootstrap\Log\20200502_195217\ConfigurationFile.ini

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Install

Cancel

Complete

Your SQL Server 2016 installation completed successfully with product updates.

Product Key
License Terms
Global Rules
Microsoft Update
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Reporting Services Configuration
Feature Configuration Rules
Ready to Install
Installation Progress
Complete

Information about the Setup operation or possible next steps:

Feature	Status
✓ Database Engine Services	Succeeded
✓ Reporting Services - Native	Succeeded
✓ SQL Browser	Succeeded
✓ SQL Writer	Succeeded
✓ SQL Client Connectivity	Succeeded
✓ SQL Client Connectivity SDK	Succeeded

Details:

Product Update:

Product Update has successfully applied KB 3182545 <<http://support.microsoft.com/?id=3182545>>. These updates have set the patch level of the Setup operation to 13.1.4001.0.

Summary log file has been saved to the following location:

C:\Program Files\Microsoft SQL Server\130\Setup Bootstrap\Log\20200502_195217\Summary_LD_20200502_195217.txt

Close

Management Studio Install:



RELEASE 17.9.1

Microsoft SQL Server Management Studio

Welcome. Click "Install" to begin.

By clicking the "Install" button, I acknowledge that I accept the [License Terms](#) and [Privacy Statement](#).

SQL Server Management Studio transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the [documentation](#).

Install

Close



RELEASE 17.9.1

Microsoft SQL Server Management Studio

Restart required in order to complete setup.

All specified components have been installed successfully.

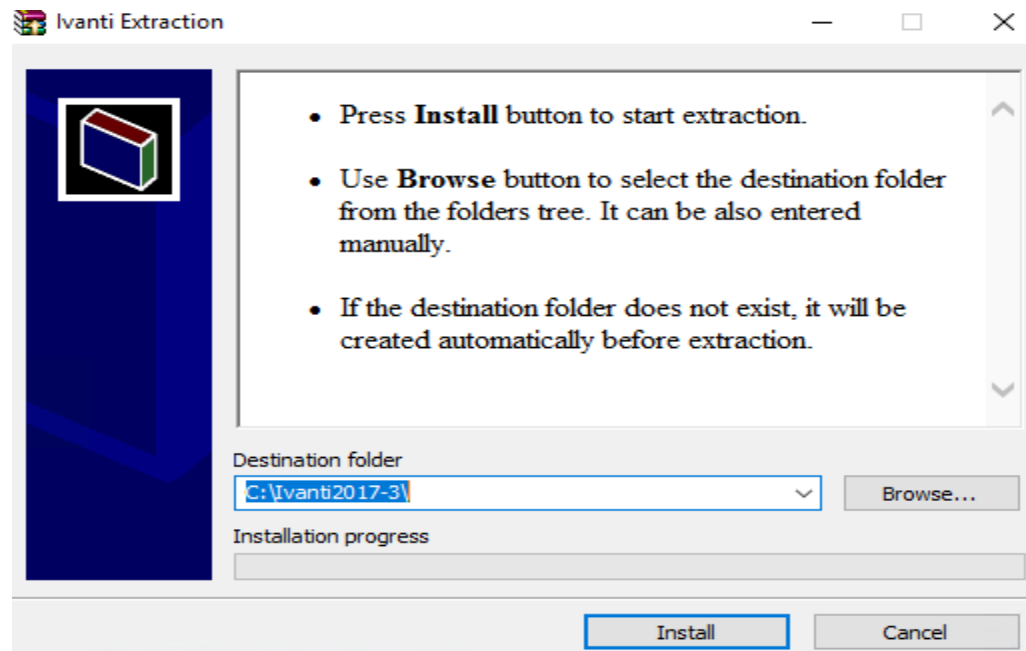
The computer needs to be restarted before setup can continue.

Restart

Close

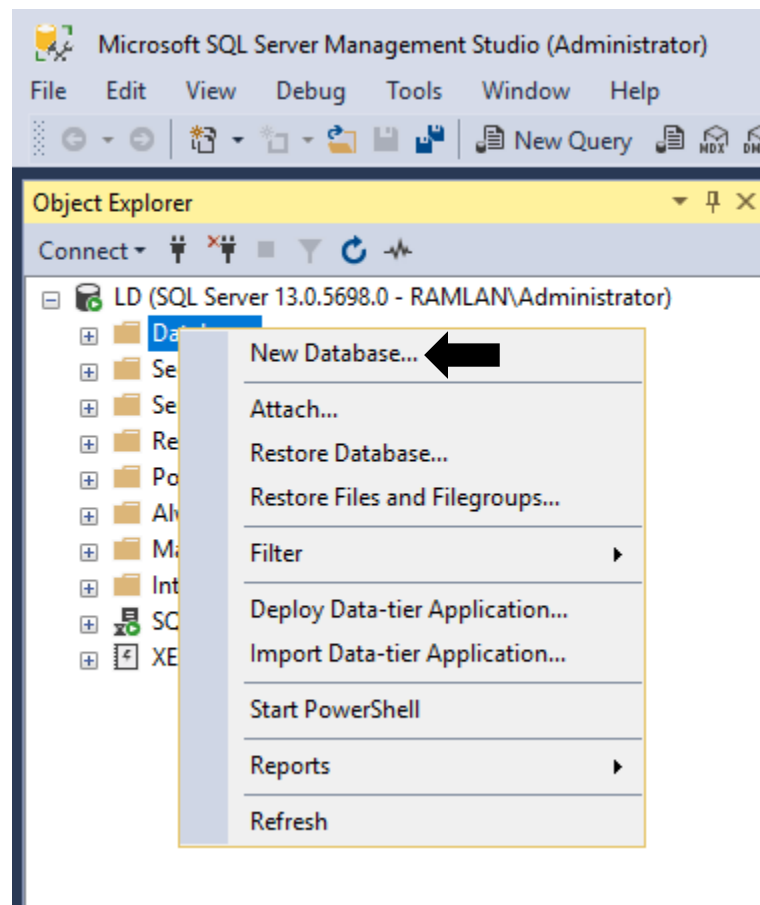
Ivanti Endpoint Manager Install:

Now we can extract Ivanti 2017.3 to C Drive and start LanDesk Management Suite install.



Database Creation – SQL Server:

As per Ivanti, we have to create a blank database on SQL 2016 before we start the installation. Below is the screen shot.



Script ▾ ? Help

Database name:

Owner: ...

☒ Use full-text indexing

Database files:

Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth / Maxsize
landesk	ROWS...	PRIMARY	107	By 10 percent, Unlimited
landesk_log	LOG	Not Applicable	98	By 10 percent, Limited to 209...

Change Autogrowth for landesk ✕

☒ Enable Autogrowth

File Growth

☒ In Percent

☐ In Megabytes

Maximum File Size

☐ Limited to (MB)

☒ Unlimited

OK Cancel

Change Autogrowth for landesk ✕

☒ Enable Autogrowth

File Growth

☒ In Percent

☐ In Megabytes

Maximum File Size

☐ Limited to (MB)

☒ Unlimited

OK Cancel

Now we can start the install.



Welcome

The setup wizard will guide you through installing Ivanti 2017.3 on your computer.

Installation Language English (United States) ▾

Cancel

Continue



License Agreement

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- Ivanti Software K.K., a Japanese company, for licenses purchased in Japan.
- Ivanti Software (Beijing) Co., Ltd., a Chinese company, for licenses purchased in China.

☒ I accept the terms in the License Agreement

Cancel

Back

Continue



What do you want to install?

- ☒ **Core Server**
The core server will allow you to manage all your client systems easily and efficiently with Ivanti software.
[Product Information](#)
- ☐ **Remote Console**
The remote console will install the administration console on remote machines. The console is installed on the core by default.
- ☐ **Rollup Core Server**
The rollup core will centrally store and report on information from multiple core servers.

Cancel

Back

Continue



Prerequisites

At least one prerequisite needs attention.

☒ Show all prerequisites



Internet Information Services

Internet Information Services must be installed, started and properly configured.



Operating System

Valid operating systems include: Windows Server 2012 R2 and Windows Server 2016.



Computer Name

A computer name with 15 characters or less is required.



FIPS Cryptography

FIPS Compliant System Cryptography must not be enabled.



Memory

8 GB of RAM is highly recommended, 5.91 GB of RAM detected.



Reboot Pending

Cancel

Back

Install Prerequisites



Prerequisites

At least one prerequisite needs attention.

☒ Show all prerequisites

8 GB of RAM is highly recommended, 5.91 GB of RAM detected.



Reboot Pending

The operating system cannot have a reboot pending. Restart the machine before proceeding with the current install.



Credentials

You must be logged in as an administrator on this machine.



Domain Controller

This machine must not be a domain controller.



Root Certificate Configuration

Only self-signed certificates should be found in "Trusted Root Certification Authorities". For details see https://help.ivanti.com/docs/help/en_US/LDMS/10.0/default.htm#csid=RootCertificateConfiguration.

[view log](#)

Cancel

Back

Install Prerequisites



Prerequisites

All prerequisite checks passed.

☒ Show all prerequisites



Internet Information Services

Internet Information Services must be installed, started and properly configured.



Operating System

Valid operating systems include: Windows Server 2012 R2 and Windows Server 2016.



Computer Name

A computer name with 15 characters or less is required.



FIPS Cryptography

FIPS Compliant System Cryptography must not be enabled.



Memory

8 GB of RAM is highly recommended, 5.91 GB of RAM detected.



Reboot Pending

Cancel

Back

Continue



How should Ivanti configure your database?

- ☒ Configure a new 2017.3 database
- ☐ Upgrade an existing database

Cancel

Back

Continue



Database Application


- ☐ SQL Express Bundled (Not Available - a local SQL instance already exists)
- ☒ Microsoft SQL Server ←


Cancel

Back

Continue

<https://sudeeptaganguly.wordpress.com/2010/04/20/how-to-enable-sa-account-in-sql-server/> - use this link to enable SA account and set the password for sql server authentication.





Database Information

Microsoft SQL Server

Server


Database


User

Password

Port

✓ Successfully tested database





Where do you want to install?

Select the desired installation path

Volume	Available	Required	Recommended
C:\	240.85 GB	5.00 GB	50.00 GB



Secure Client Management

Client Certificate-based Security

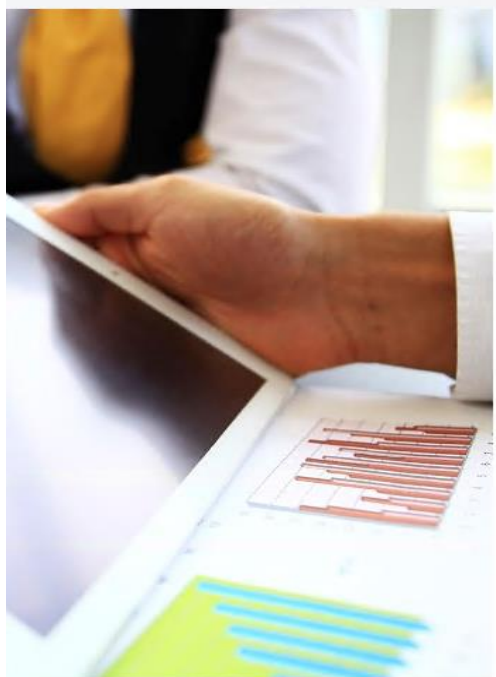
☐ Enable Client Certificate-based Security (Recommended)

Enable the Client Certificate-based Security if this server will not manage agents from a previous version. If previous agent versions will be managed, this feature can be enabled after the agents have been upgraded.

Cancel

Back

Continue



Ready to install

You are ready to install with the following options.

Installation Information

Feature	Core Server
Language	English (United States)
Database Action	Populate New Database
Certificate	LANDesk_1588459315
Installation Folder	C:\Program Files\LANDesk\ManagementSuite

Database Information

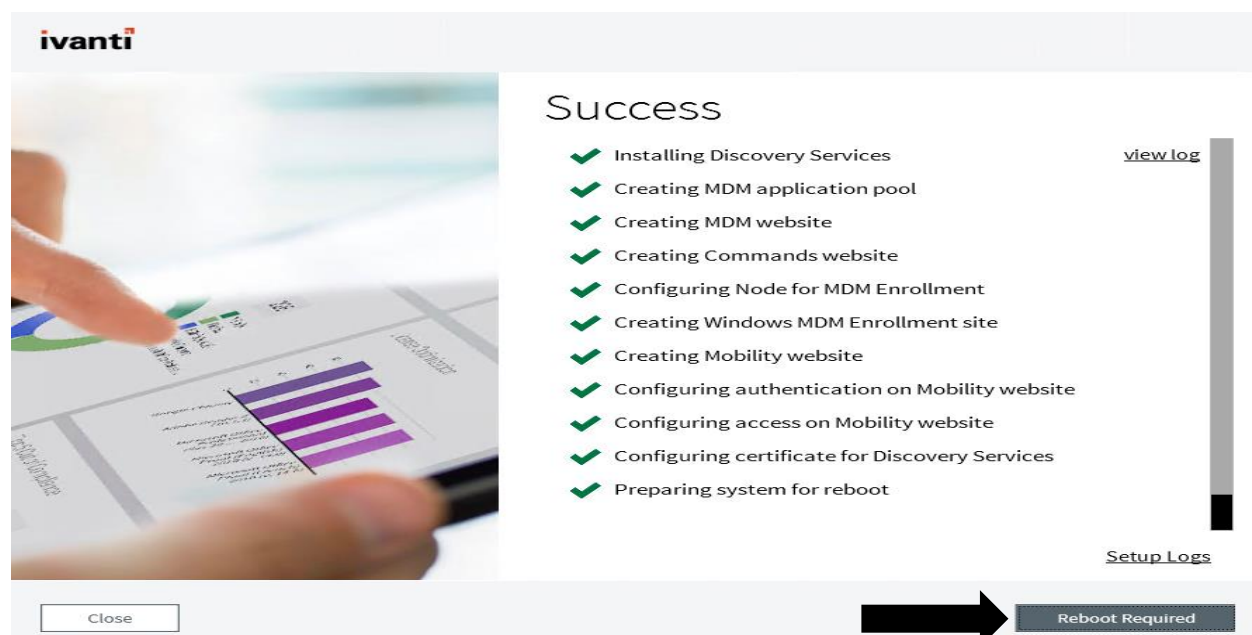
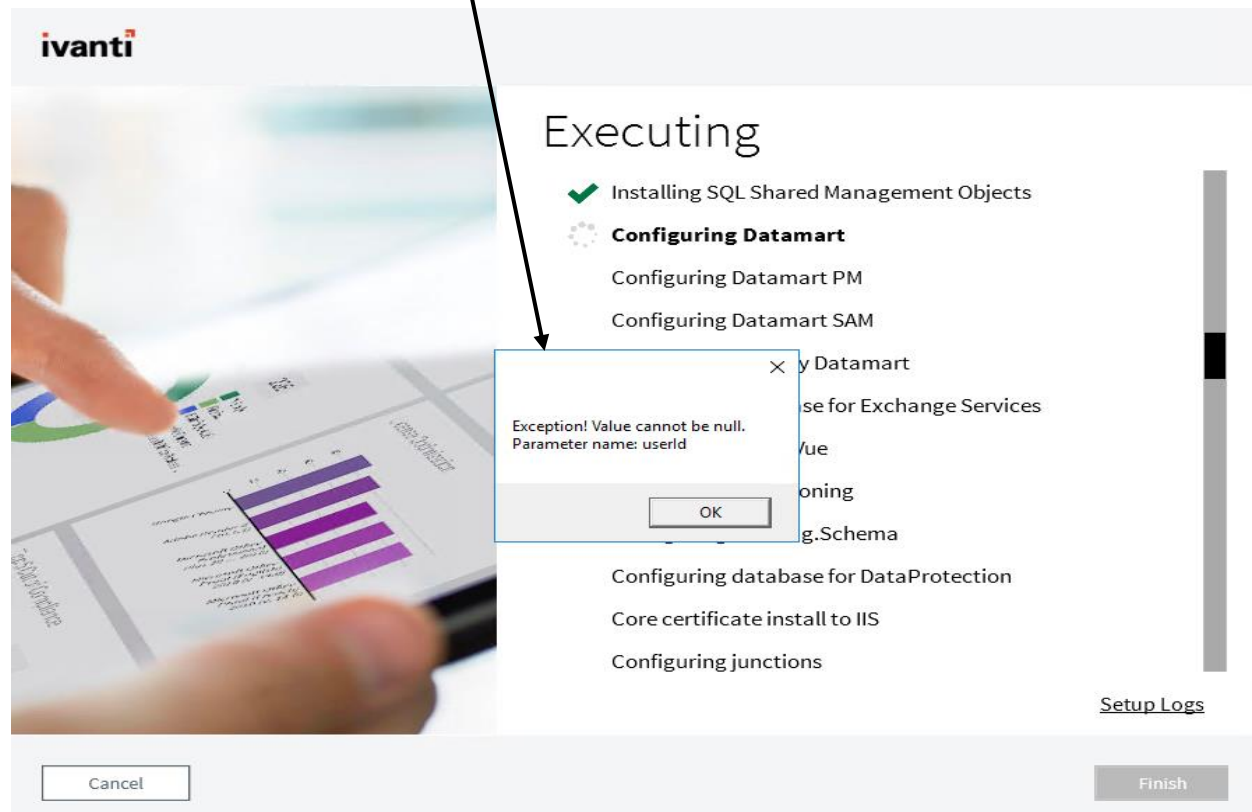
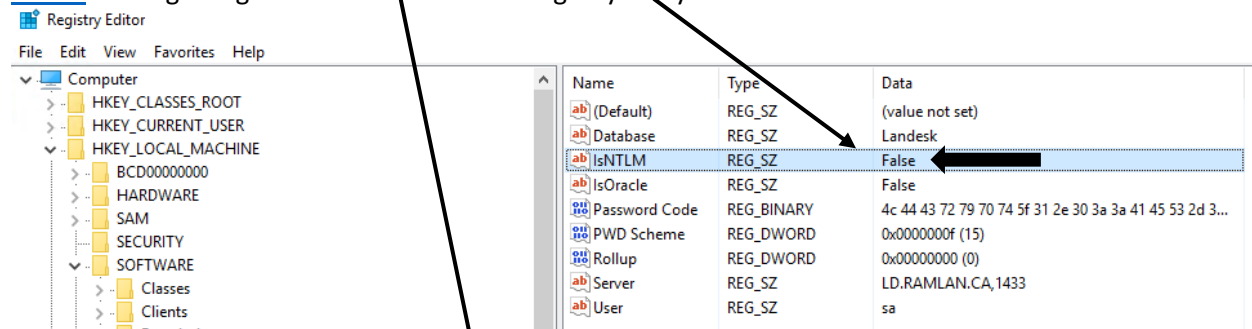
Database Application	Microsoft SQL Server
Server	LD.RAMLAN.CA
Database	Landesk
Port	1433

Cancel

Back

Install

<https://forums.ivanti.com/s/article/Console-Initialization-Error-Value-cannot-be-null-Parameter-name-userId> - Was getting below error. The fix is registry entry NTLM False





LanDesk Services:


LANDESK Command Service	Provide mo...	Running	Automatic	Local System
LANdesk Inventory Server	Handles the...	Running	Automatic	Local System
LANdesk Policy Server	Processes A...	Running	Automatic	Local System
LANdesk Scheduler Service	Handles the...	Running	Automatic	Local System
LANDESK Script Scheduler		Running	Automatic	Local System
LANdesk Usage Service		Running	Automatic	Local System
LANdesk(R) Agent Portal Service	Agent porta...	Running	Automatic	Local System
LANdesk(R) Alert Service	Processes C...	Running	Automatic	Local System
LANdesk(R) ASF Proxy Service		Running	Automatic	Local System
LANdesk(R) Console Redirection Service	Enables con...	Running	Automatic	Local System
LANdesk(R) Core Sync Service	This service ...	Running	Automatic	Local System
LANdesk(R) HPM Portal Service	Enables fun...	Running	Automatic	Local System
LANdesk(R) Management Agent	Provides m...	Running	Automatic	Local System
LANdesk(R) Management Gateway Service	Manageme...	Running	Automatic	Local System
LANDESK(R) MDM Management Service	Provide mo...	Running	Automatic	Local System
LANDESK(R) SAM Data Service	Provide Soft...		Automatic	Local System
LANdesk(R) System Manager SNMP Message Relay Service	Receives SN...	Running	Automatic	Local System
Managed Planet Barcode Core		Running	Automatic	Local System
Managed Planet Core Scan Processor		Running	Automatic	Local System
Managed Planet Discovery Core		Running	Automatic	Local System
Managed Planet Rapid Deployment		Running	Automatic	Local System
Managed Planet Software Manager	Updates sof...	Running	Automatic	Local System
Managed Planet Task Listener			Automatic	Local System
SQL Server (MSSQLSERVER)	Provides sto...	Running	Automatic	Local System
SQL Server Agent (MSSQLSERVER)	Executes jo...	Running	Automatic	Local System
SQL Server Browser	Provides SQ...	Running	Automatic	Local Service
SQL Server CEIP service (MSSQLSERVER)	CEIP service...	Running	Automatic	NT Service\SQLTELEMETRY
SQL Server Reporting Services (MSSQLSERVER)	Manages, e...	Running	Automatic	NT Service\ReportServer
SQL Server VSS Writer	Provides th...	Running	Automatic	Local System

Activate License:

Activate License

Activate License

Activation Proxy



This core server must be activated before it can be used to manage nodes on your network.

Select activation type:
☐ Activate this server's license using your contact name and password.

Contact Name:

Password:

☒ Activate this core for a 45 day evaluation.

☐ Show contents of activation file before sending.

☐ Participate in the Ivanti Customer Experience Improvement Program

Activation Proxy

☐ Use Proxy Server

Server
Address:

Port:

☐ HTTP-based Proxy
☐ Requires Login

Credentials
User name:

Password:

Domain:

?

Licenses... Activate Close


?

Licenses... Activate Close

Ivanti (R) Software End User Licensing Agreement

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Activate Core Server




This core server has been activated.

I Agree I Disagree OK

Activate License

×

ActivationProxy



This core server must be activated before it can be used to manage nodes on your network.

Select activation type:

☐ Update this core server's license using your contact name and password.

Contact Name:

Password:

☒ Activate this core for a 45 day evaluation.

☐ Show contents of activation file before sending.

☒ Participate in the Ivanti Customer Experience Improvement Program

?

Licenses...


Activate

Close

Core activation completed successfully. ←

Management Console Configuration:

ivanti



Management Console

powered by Landesk

User name:RAMLAN\Administrator

Password:*****

Core server:LD

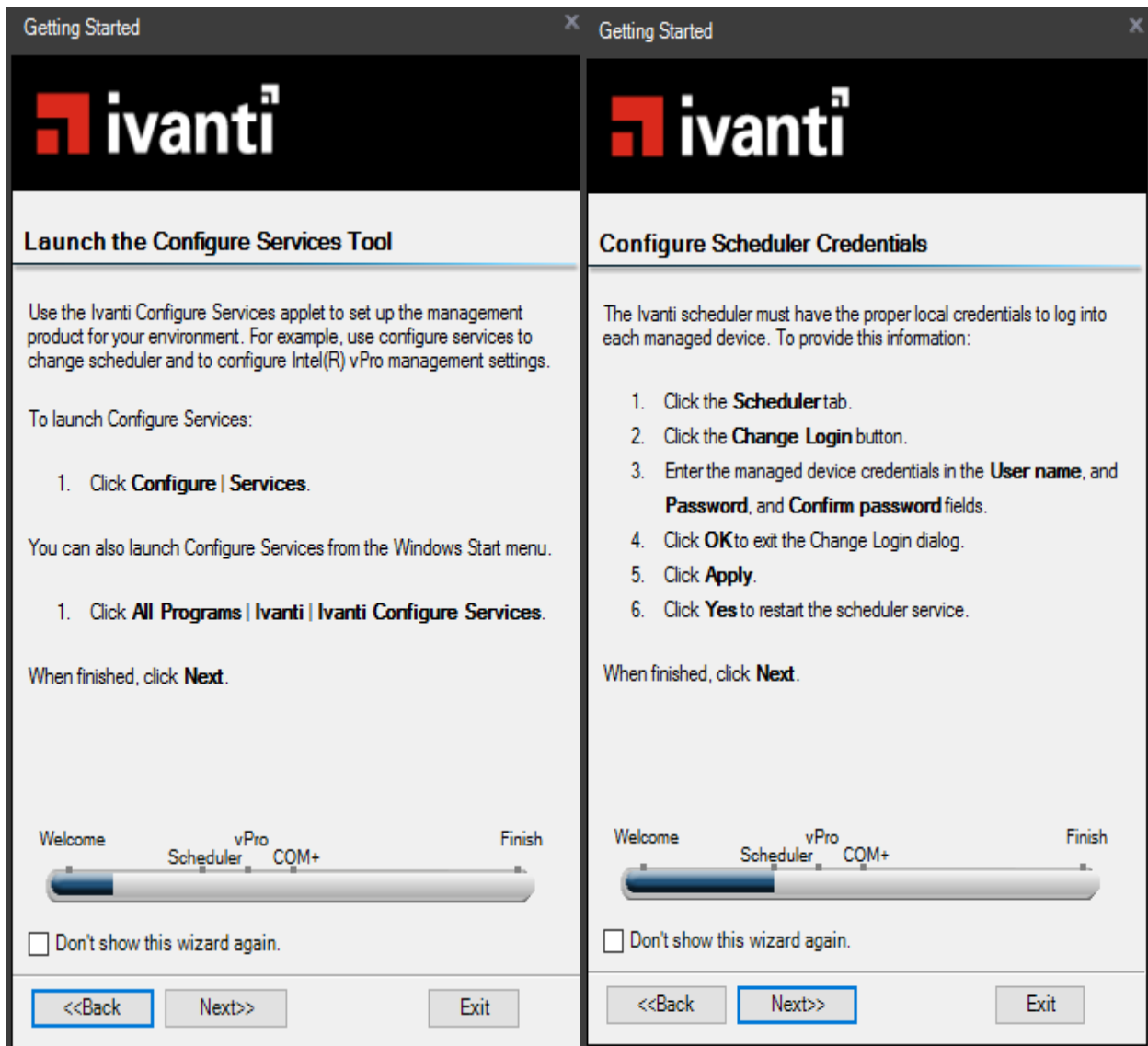
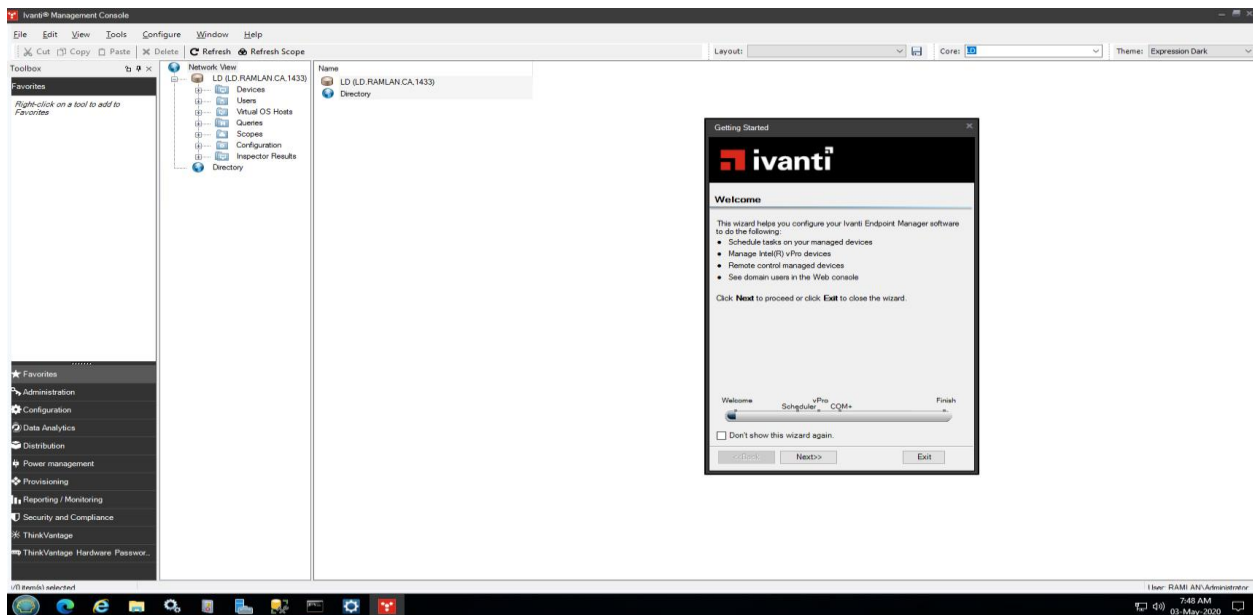
Log in

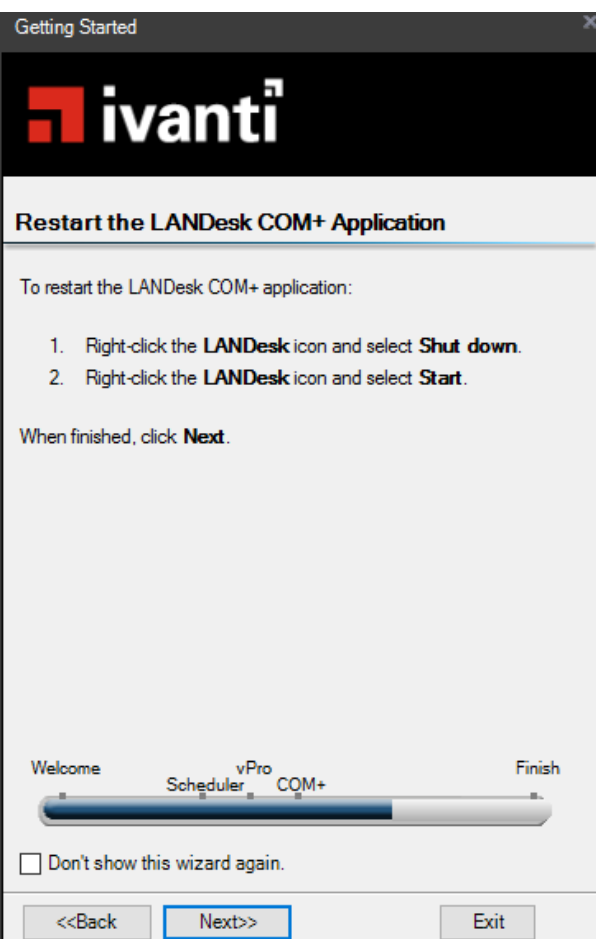
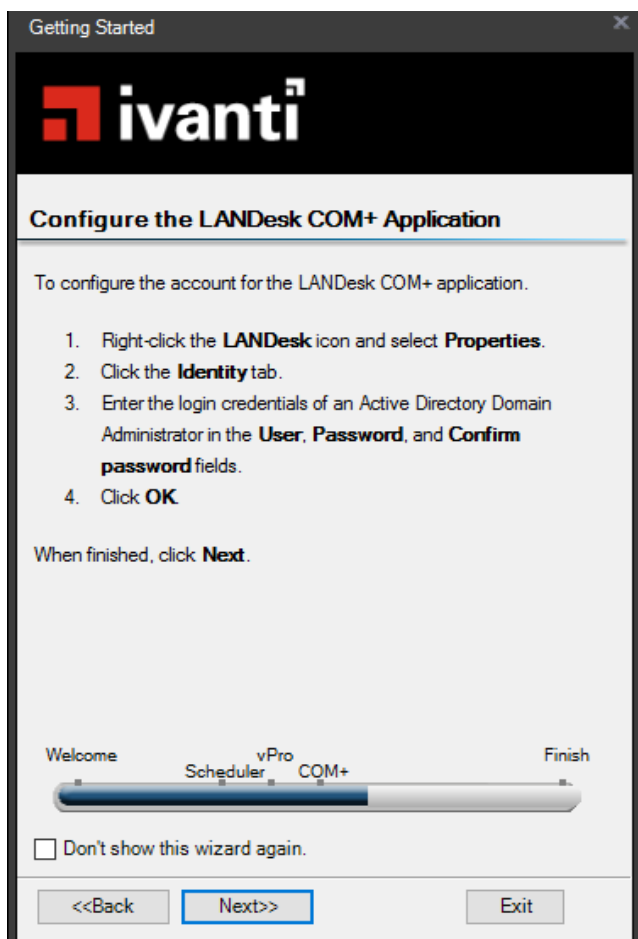
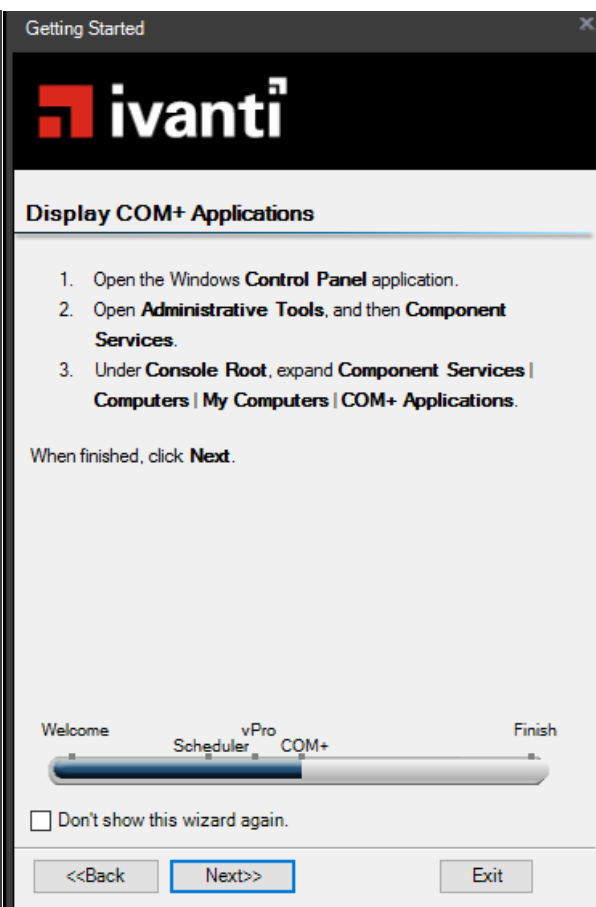
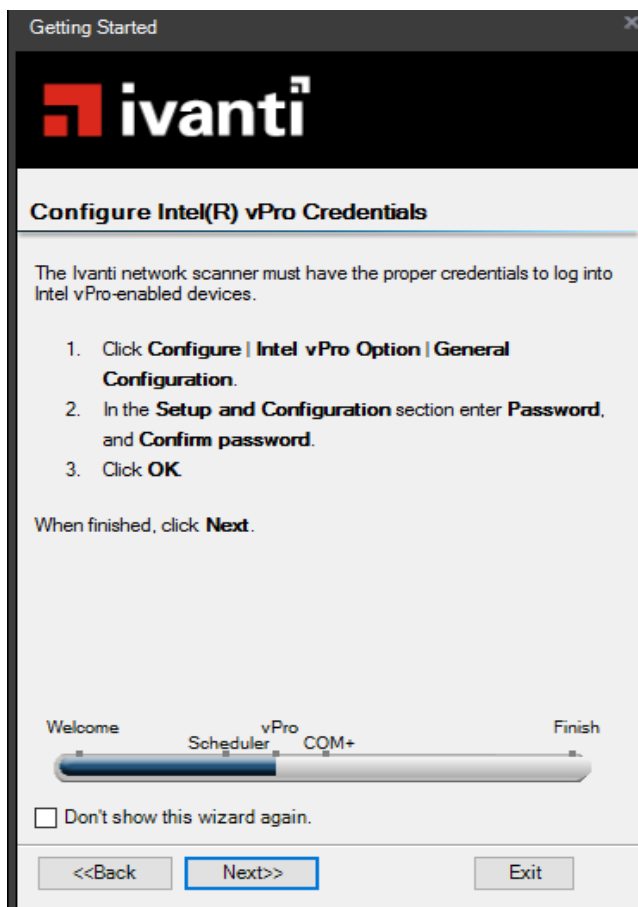
Cancel

Help


Version: 10.1.30.401

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Getting Started



Configure the LANDesk1 COM+ Application

To configure the account for the LANDesk1 COM+ application:

1. Right-click the **LANDesk1** icon and select **Properties**.
2. Click the **Identity** tab.
3. Enter the login credentials of an Active Directory Domain Administrator in the **User**, **Password**, and **Confirm password** fields.
4. Click **OK**.


When finished, click **Next**.

WelcomeSchedulervProCOM+Finish

☐ Don't show this wizard again.

<<BackNext>>Exit

Getting Started



Restart the LANDesk1 COM+ Application

To restart the LANDesk1 COM+ application:

1. Right-click the **LANDesk1** icon and select **Shut down**.
2. Right-click the **LANDesk1** icon and select **Start**.


When finished, click **Next**.

WelcomeSchedulervProCOM+Finish

☐ Don't show this wizard again.

<<BackNext>>Exit

Getting Started



Finish

You have completed all the steps in this configuration wizard.


To re-run this wizard the next time you start your Ivanti Endpoint Manager software, uncheck the box below, and then click the **Finish**.

WelcomeSchedulervProCOM+Finish

☒ Don't show this wizard again.

<<BackNext>>Finish

Discovering and Installing Agents



Welcome

This is the Discovering and Installing Agents Wizard, designed to assist you in performing the steps necessary to remotely manage devices on your network.

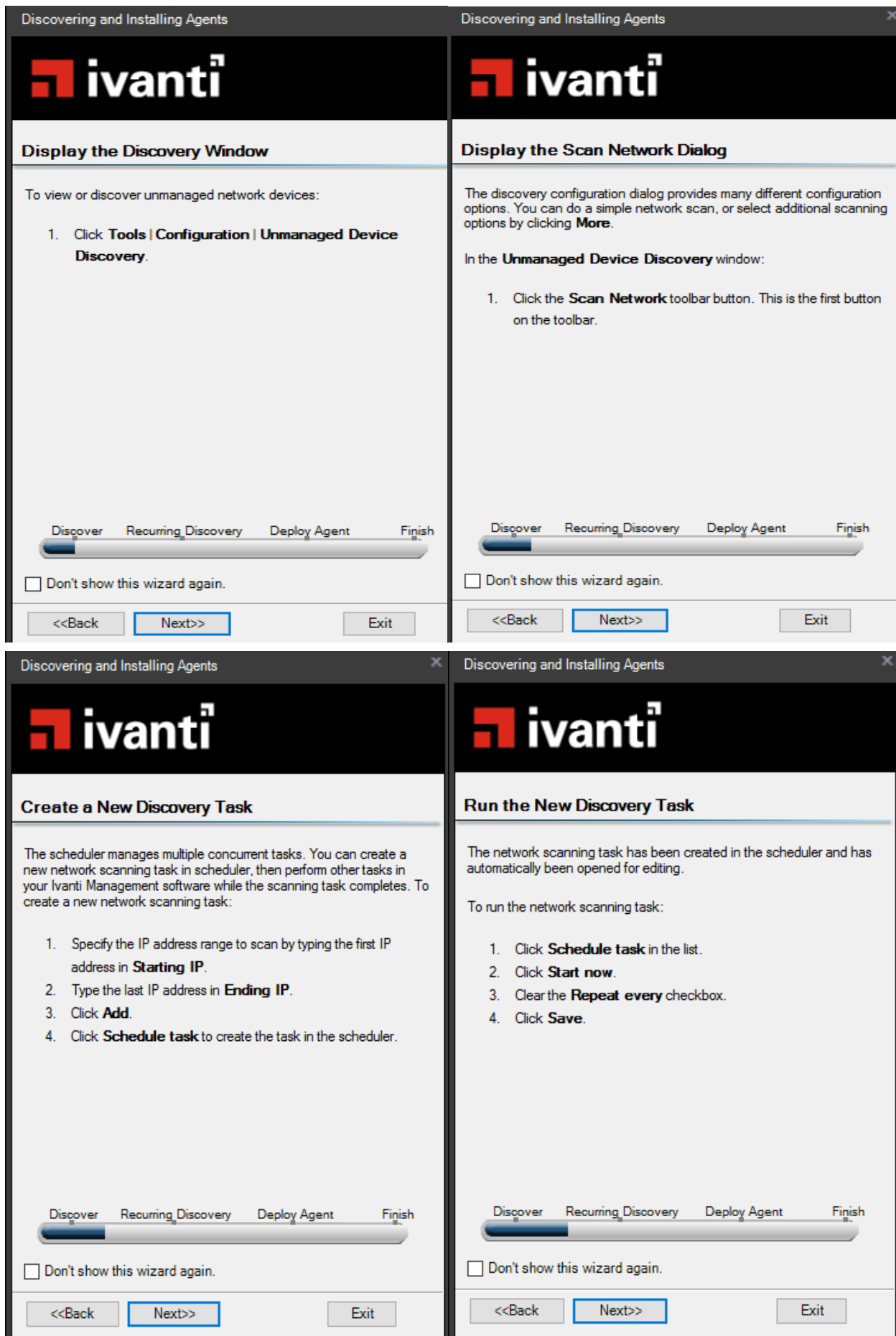
- **Discovery** looks for devices on the network that are unknown to the Ivanti Management software. You can specify certain IP address ranges to scan on your network.
- **Deploying an agent** installs the Ivanti management agent on devices you want to manage.

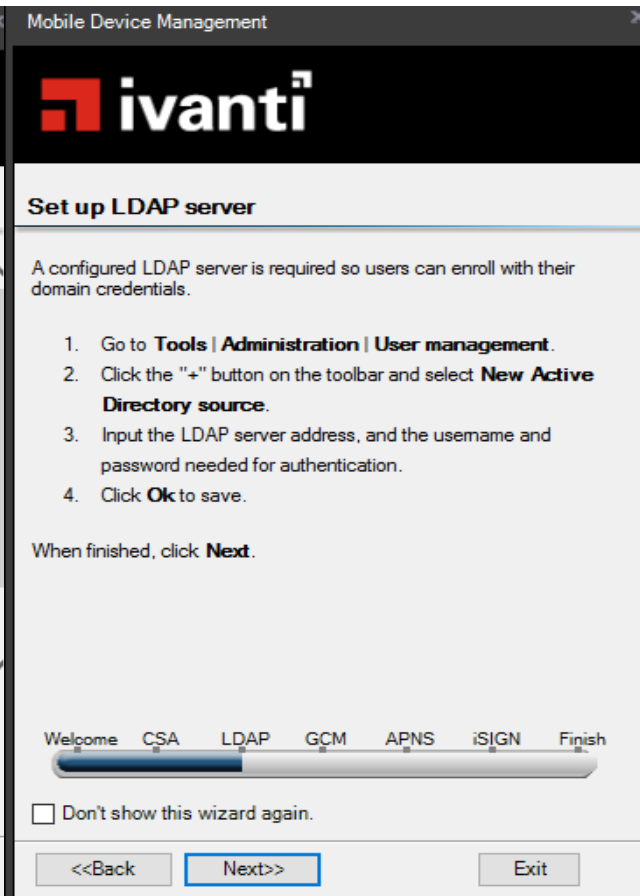
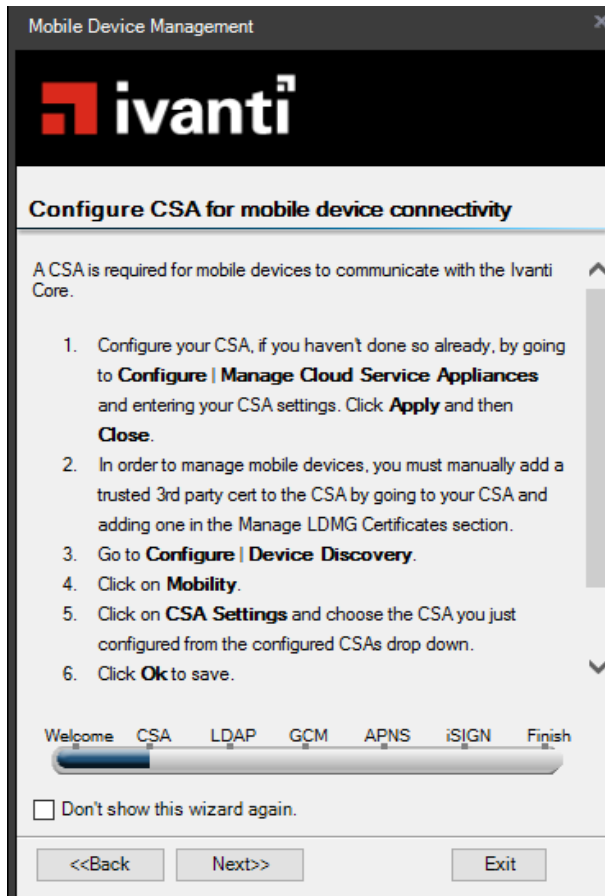
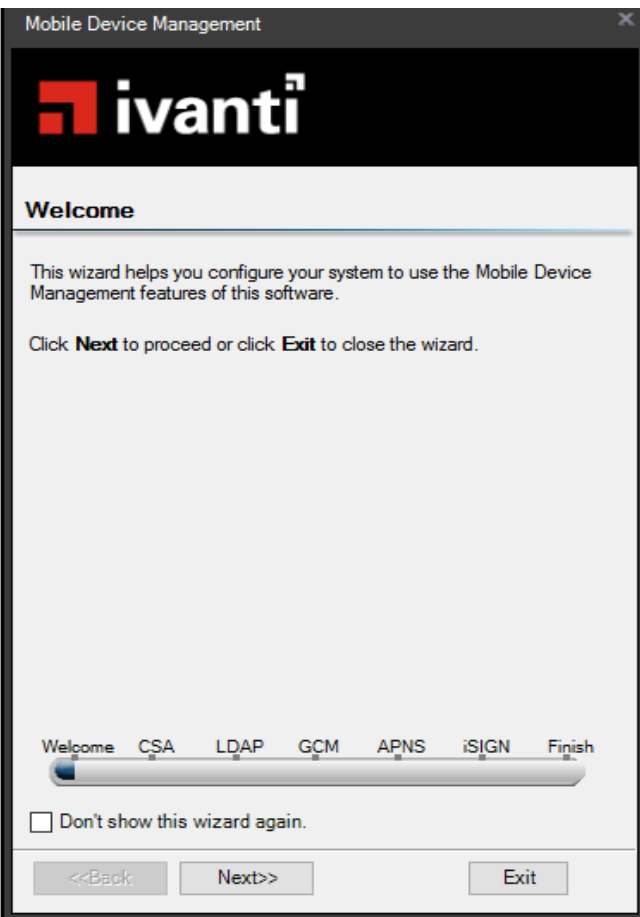
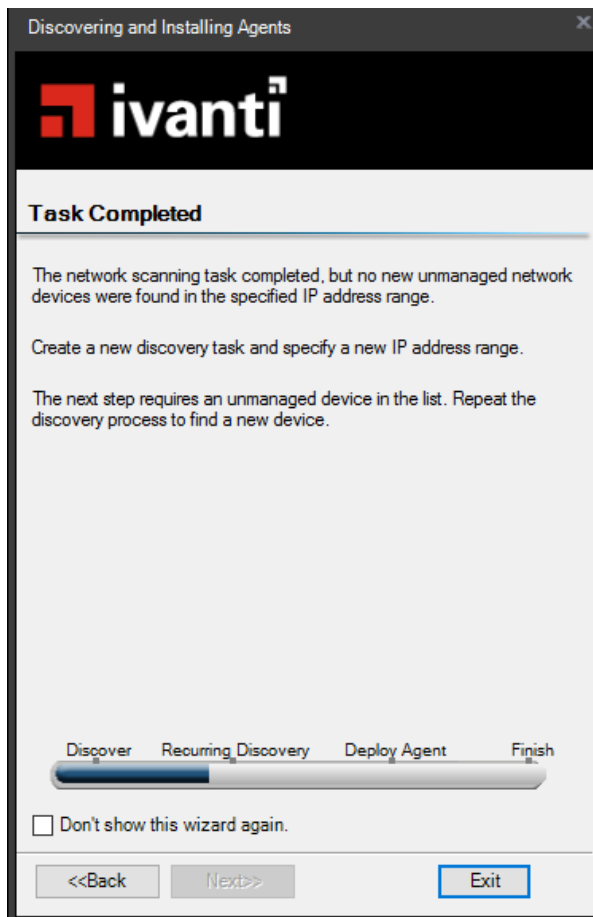
Click **Next** to proceed or click **Exit** to close the wizard.

DiscoverRecurring_DiscoveryDeploy AgentFinish

☐ Don't show this wizard again.

<<BackNext>>Exit





Mobile Device Management



Configure GCM

The Ivanti Core communicates with Android devices via Google Cloud Messaging.

1. Go to **Configure | Device Discovery**.
2. Click on **Mobility**.
3. Fill out the **Android Notification Settings (GCM)** section. [Information on obtaining the project number and server api key](#)
4. Click **Ok** to save.


When finished, click **Next**.

WelcomeCSALDAPGCMAPNSiSIGNFinish

☐ Don't show this wizard again.

<<BackNext>>Exit

Mobile Device Management



Configure APNS

The Ivanti Core communicates with Apple iOS devices via Apple Push Notification Service.

1. Go to **Configure | Device Discovery**.
2. Click on **Mobility**.
3. Fill out the **iOS Notification Settings** section. [Information on obtaining an APNS certificate](#)
4. Click **Ok** to save.


When finished, click **Next**.

WelcomeCSALDAPGCMAPNSiSIGNFinish

☐ Don't show this wizard again.

<<BackNext>>Exit

Mobile Device Management



Configure iOS Profile Signing

Ivanti provides three security options to cryptographically sign Apple iOS profiles before sending them to devices. To select your organization's signing preference:

1. Go to **Configure | Device Discovery**.
2. Click on **iOS Profile Signing**.
3. Select the option for **No signing, Core Certificate, or Third Party Certificate**.
4. When choosing the option for **Third Party Certificate**, select the certificate file for signing profiles by clicking the **Browse** button. Then, provide a password in the Certificate Password field and click the **Verify** button.
5. Click **Ok** to save.


When finished, click **Next**.

WelcomeCSALDAPGCMAPNSiSIGNFinish

☐ Don't show this wizard again.

<<BackNext>>Exit

Mobile Device Management



Finish

You have completed all the steps in this configuration wizard.

To re-run this wizard the next time you start your Ivanti Management software, uncheck the box below, and then click **Finish**.

It can also be run at any time by going to **Help | Ivanti Help Wizard | Mobile Device Management**.

WelcomeCSALDAPGCMAPNSiSIGNFinish

☒ Don't show this wizard again.

<<BackNext>>Finish

Ivanti Configure Services:

Configure Software Services

General | Inventory | Scheduler | Custom Jobs | Multicast | LetMobile Server

Server name: LD

Database

Server: LD.RAMLAN.CA,1433 User name: sa

Database: Landesk Password:

Reporting database user (optional)

User name: Password:

Web Console settings

Web Console server name or address: LD

FIPS 140-2

☐ FIPS 140-2 is enabled for this core server. Each Cloud Services Appliance for this core must be configured with the same mode.

Single Sign-on

☐ None ☐ Only ☐ Only (no popup) ☒ Mixed

Refresh Settings

OK Cancel Apply Help

Configure Software Services

General | Inventory | Scheduler | Custom Jobs | Multicast | LetMobile Server

Server name: LD

Inventory server settings

☒ Log statistics Software

☐ Encrypted Data Transport Attributes...

☒ Scan server at: 22:00

Perform maintenance at: 23:00

Days to keep inventory scans: 0

Primary Owner Logins: 5

Advanced settings... Unknown Items...

Manage duplicates: Devices Device IDs

Status of Inventory Service

Started Start

Stop

Restart

OK Cancel Apply Help

Configure Software Services

General | Inventory | Scheduler | Custom Jobs | Multicast | LetMobile Server

Server name: LD

Scheduler settings

User name: LocalSystem [Change Login...](#)

Number of seconds between retries: 180

Number of seconds to attempt wake up: 300

Interval between query evaluations: 1 Hours

Interval between LDAP object evaluations: 1 Days

Wake On LAN settings

IP Port: 0

Status of Scheduler Service

Started

Start Stop Restart

Advanced

OK Cancel Apply Help

Configure Software Services

General | Inventory | Scheduler | Custom Jobs | Multicast | LetMobile Server

Remote Execute

☐ Disable TCP Execute

☐ Disable CBA Execute / File Transfer

☒ Enable Remote Execute Timeout: 43200 seconds

Enable Client Timeout: 300 seconds

Remote Execute Port (Default is 12174): 12174

Distribution

Distribute to 61 computers simultaneously

Discovery

Try: ☐ UDP ☐ TCP ☒ Both

Retries: 3

Timeout: 1.5 seconds

☐ Disable subnet broadcast

☐ Disable DNS / WINS lookup

OK Cancel Apply Help

Configure Software Services

General | Inventory | Scheduler | Custom Jobs | Multicast | LetMobile Server

Domain Representative Selection Methods

- ☒ Use Multicast domain representative
- ☒ Use cached file
 - ☐ Use cached file before preferred domain representative
- ☒ Use broadcast

Log discard period (days):

Note: These settings only apply to tasks targeting agents prior to LDMS 9.6.

OK Cancel Apply Help

Configure Software Services

General | Inventory | Scheduler | Custom Jobs | Multicast | LetMobile Server

Enter credentials for managing LetMobile server

Username

Password

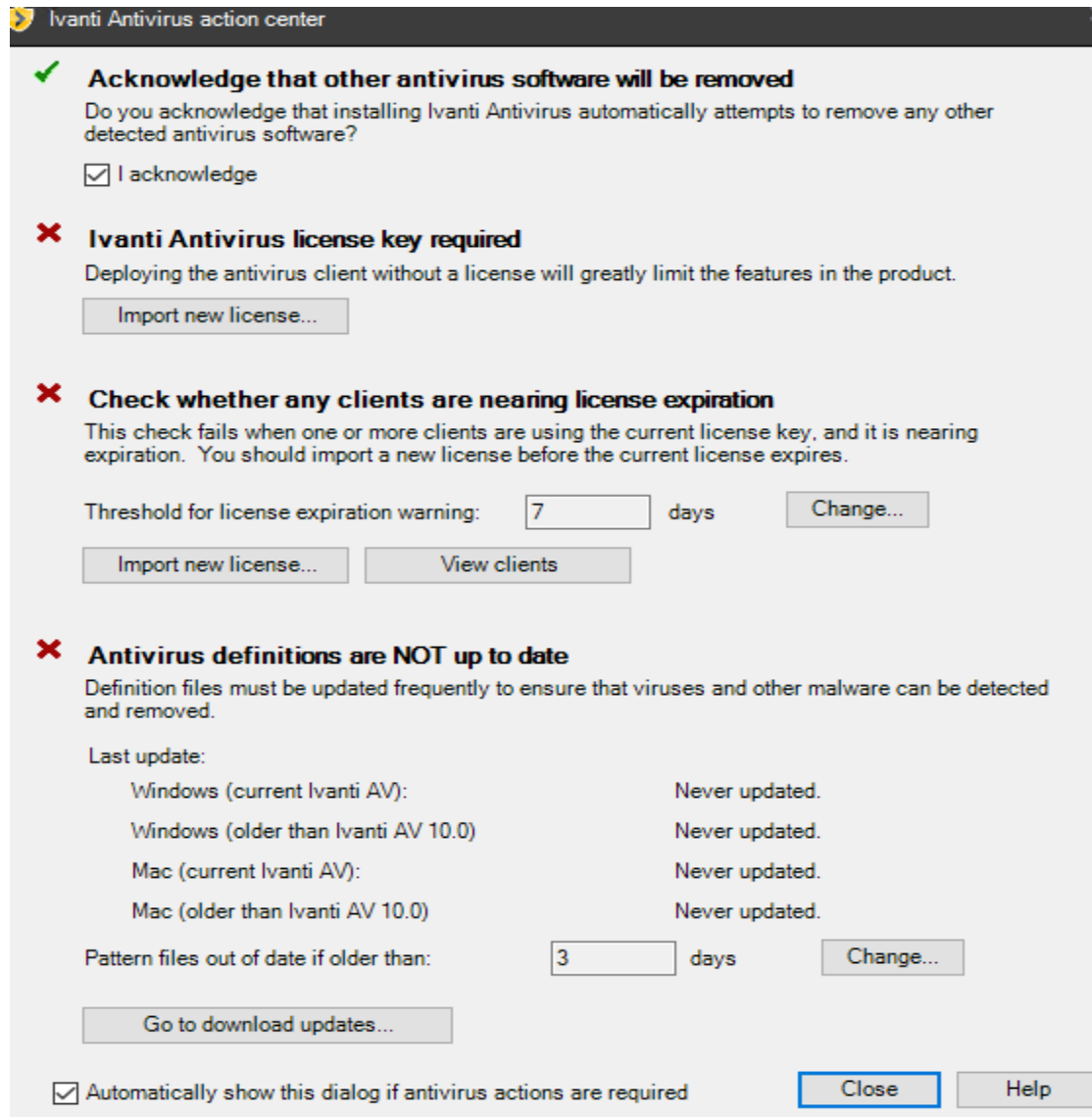
Confirm password

Server Name

Clear Verify

OK Cancel Apply Help

Ivanti Anti Virus:



Ivanti Antivirus action center

✓ **Acknowledge that other antivirus software will be removed**
Do you acknowledge that installing Ivanti Antivirus automatically attempts to remove any other detected antivirus software?
☒ I acknowledge

✗ **Ivanti Antivirus license key required**
Deploying the antivirus client without a license will greatly limit the features in the product.

✗ **Check whether any clients are nearing license expiration**
This check fails when one or more clients are using the current license key, and it is nearing expiration. You should import a new license before the current license expires.
Threshold for license expiration warning: days

✗ **Antivirus definitions are NOT up to date**
Definition files must be updated frequently to ensure that viruses and other malware can be detected and removed.
Last update:
Windows (current Ivanti AV): Never updated.
Windows (older than Ivanti AV 10.0): Never updated.
Mac (current Ivanti AV): Never updated.
Mac (older than Ivanti AV 10.0): Never updated.
Pattern files out of date if older than: days

☒ Automatically show this dialog if antivirus actions are required

Services not running or cannot start the service

 LANDESK(R) SAM Data Service	Provide Soft...	Automatic	Local System
 Managed Planet Task Listener		Automatic	Local System

If above service not running – no need to panic – they are not required and are part of Office 365 service.

Last Modified Date
Apr 20, 2020 11:02:48 PM
Article Number : 000046010

Details

Problem

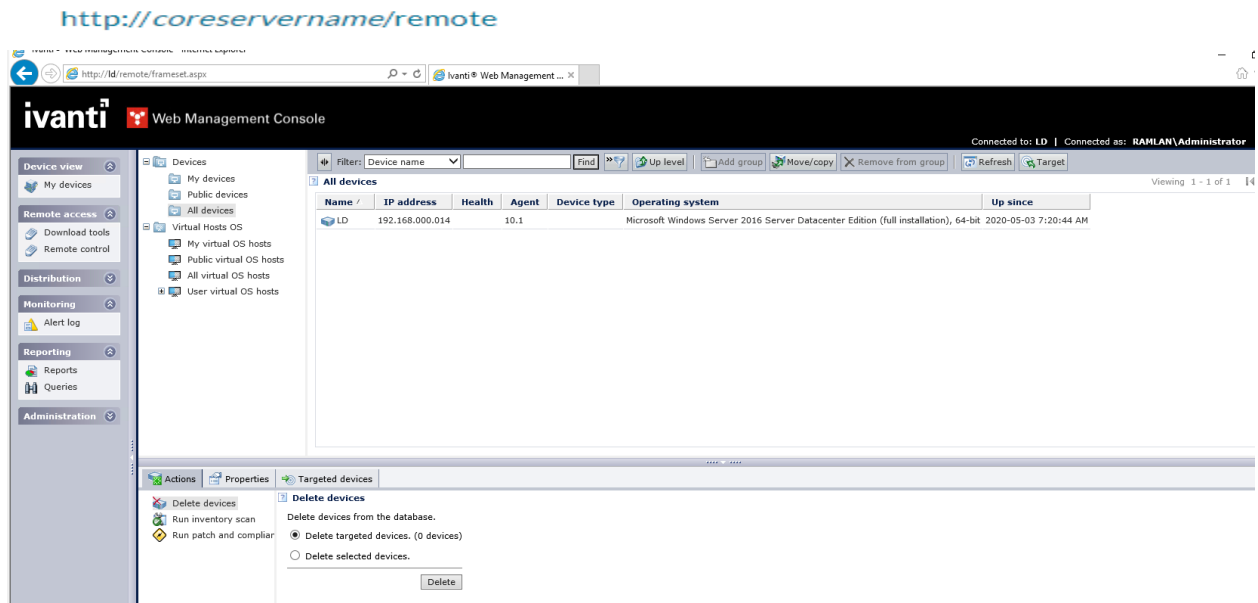
Some EPM-related services do not appear to be running on the core server, and may appear in the alerts from Window Server Manager. The following three are the most common ones.

- LANDESK(R) SAM Data Service (Default Startup Type is Automatic)
- Managed Planet Task Listener (Default Startup Type is Automatic)
- LANDESK Script Scheduler (Default Startup Type is Manual)

Cause

- LANDESK(R) SAM Data Service only starts when needed by the Office 365 connector in workspaces. More details are introduced in [this document](#).
- Managed Planet Task Listener in particular is not started and is only used with certain reports inside LANDESK Data Analytics. It will start and pool the database for information as needed. Having it stopped is normal, but it should be set to automatic so when it is called it can start as needed. [More Details](#).
- LANDESK Script Scheduler is responsible for running discovery services collector scripts when they are scheduled to run. By default it is not running, unless [Discovery Services](#) is installed.

Web Console – Open browser and use below URL



This concludes the install process for Ivanti Endpoint Manager (Formerly known as LanDesk Management Suite)

In the next blog, I will cover the following:

1. Post Configuration
2. Discovery
3. OS Deployment
4. Application Packaging
5. Application Deployment
6. Upgrade Ivanti Endpoint Manager to 2019.1

Thanks

Ram Lan
3rd May 2020