

UNICORN 7.6

Command-line Installation Guide

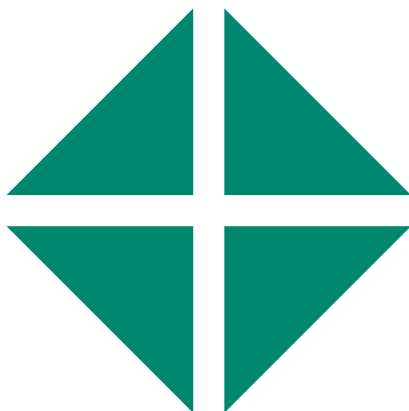


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1 Introduction

About this manual

This manual describes the UNICORN™ (v7.5 and later) installation procedure using Microsoft® Windows® command-line.

Intended user

The general user of this manual is an IT personnel of your organization with **Administrator** privilege. It is assumed that the user has knowledge of UNICORN.

Purpose of this manual

The purpose of this manual is to provide a comprehensive guide to the installation procedures of the UNICORN software using Windows command-line. The UNICORN software can be installed in two ways:

- Step-by-step installation.
- One-command installation.

Prerequisites

- Make sure that you are executing all the commands in **Administrator** mode.
- Make sure that a **UNICORN Database** is installed which can be shared among several UNICORN clients.
- Make sure that a **UNICORN License Server** is installed which can be shared among several UNICORN clients.
- Make sure that the prerequisites listed in the following table are installed before installing the UNICORN software.

Note: *In this document, the database and the license server are assumed to be installed on the **localhost**.*

The prerequisite files in the following table can be found in the UNICORN Installation DVD in **ISSetupPrerequisites** folder.

Prerequisite	File name
UNICORN Certificate Package 1.0.0	VeriSign Class 3 Public Cert Authority - G5.cer MicrosoftRootCertificateAuthority2011.cer
Microsoft Visual C++ 2008 Redistributable Package SP1	vc redistrib_x86_Studio_2008_SP1.exe

Prerequisite	File name
Microsoft Visual C++ 2010 Redistributable Package SP1	<i>vc_redist_x86_studio_2010_SP1.exe</i>
Microsoft Visual C++ 2012 Redistributable Package	<i>vc_redist_x86_studio_2012.exe</i>
Microsoft Visual C++ 2013 Redistributable Package	<i>vc_redist_x86/x64_studio_2013.exe</i>
Microsoft Visual C++ 2015-2019 Redistributable Package (x86)	<i>vc_redist_x86_studio_2015-2019</i>
Microsoft .NET Framework 4.7.2 FULL	<i>NDP472-KB4054530-x86-x64-AllOS-ENU.exe</i>
Microsoft Core XML Services (MSXML) 6.0	<i>msxml6.msi</i>
.....Remote Deployment Service	<i>.....Remote Deployment Service Setup.zip</i> ¹

¹ This file can be found under [DVD] : \UNICORN\ControlResources\.

2 Install UNICORN software

Step-by-step installation

From a Windows command-line, enter the following commands with related arguments under each step:

Step 1: Install the UNICORN client

Enter the following command:

```
[DVD]:\UNICORN\Setup.exe /v"/qb SQLSRC=LOCALHOST\UNICORN  
INSTALLMODE=Installation"
```

The following table lists mandatory arguments:

Argument=value	Description
INSTALLMODE=Installation	The installation mode
SQLSRC=LOCALHOST\UNICORN	The database instance

The following table lists optional arguments:

Argument=value	Description
SQLCAT=UNICORN	The database name, default is UNICORN
DBPASS=<encrypted password to database>	Database user password, default is "/HlktBOImaA9MaxWB8Cf0A=="
DBUSER=<encrypted username to database>	Database username, default is "AmcqfmkOpJd+BTjZy8utaA=="
LIC_SERV=LOCALHOST	The license server, default is ""
INST_SRV_EXISTS=TRUE FALSE	If Instrument Server will be installed locally, default is FALSE
AD_ENCR=TRUE FALSE	Use active directory encryption, default is TRUE
AD_ENCR_PORT=636	Active directory encryption port, default is 636
CLIENT_SRV_AD=UseDB NotUsed MacAddress	Client Instrument Server MacAddress, default is UseDB

Argument=value	Description
DMC_ENCR=TRUE FALSE	Use Dmc MsSql Encryption, default is FALSE
DMC_TRUST=TRUE FALSE	Use Dmc MsSql Trust Server Certificate, default is TRUE
IPADDR=<ip address>	ÅKTA™ Connection IP Address, default is 10.1.1.2
SUMASK=<subnet mask>	ÅKTA Connection Subnet mask, default is 255.255.255.0
INSTALLDIR=<path to install location >	Default is "%ProgramFiles (x86) % \Cytiva\UNICORN\UNICORN 7.6\"

Note: *Installation logs can be found in C:\ProgramFiles (x86) % \Cytiva \UNICORN\UNICORN 7.6\Logs.*

*In this document, the database and the license server are assumed to be installed on the **localhost**.*

Step 2: Install Remote Deployment Service

1. Unzip the **Cytiva Remote Deployment Service Setup.zip** file. The file is located in [DVD] : \UNICORN\ControlResources\.
2. Enter the following command:

```
Cytiva Remote Deployment Service Setup.exe /v"/qb
INSTALLMODE=Installation"
```

The following table lists mandatory arguments:

Argument=value	Description
INSTALLMODE=Installation	The installation mode

The following table lists optional arguments:

Argument=value	Description
INSTALLDIR=<path to install location>	Default is "%ProgramFiles (x86) % \Cytiva\UNICORN\UNICORN 7.6\"

Installation logs can be found in C:\ProgramData\Cytiva\Remote Deployment Service\Logs

Note: *The **ProgramData** is normally hidden in C: drive.*

**Step 3: Install OPC Core Components
(on x64)**

Enter the following command:

```
C:\Windows\system32\msiexec.exe /i "[DVD]:\Opc
\OpcCoreComponents(x64)\OPC Core Components
Redistributable (x64).msi" /qb ALLUSERS=[ALLUSERS]
ADDLOCAL=ALL
```

Step 4: Install UNICORN Service Tool

Enter the following command:

```
[DVD]:\UNICORN Service Tool\Setup UNICORN Service
Tool.exe /v"/qn INSTALLMODE=Installation"
```

The following table lists mandatory arguments:

Argument=value	Description
INSTALLMODE=Installation	The installation mode

The following table lists optional arguments:

Argument=value	Description
INSTALLDIR=<path to install location>	Default is "%ProgramFiles(x86) % \Cytiva\UNICORN\UNICORN 7.6\"

Installation logs can be found in C:\ProgramData\Cytiva\Remote Deployment Service\Logs

One-command installation

Enter the following command:

```
[DVD]:\Setup.exe /v"REDUCED_UI=CLIENT_INSTALL
SQLSRC=LOCALHOST\UNICORN SQLCAT=UNICORN DBPASS="/
H1ktBOImaA9MaxWB8Cf0A==" DBUSER="AmcqfmkOpJd
+BTjZy8utaA==" LIC_SERV=LOCALHOST"
```

The following table lists mandatory arguments:

Argument=value	Description
REDUCED_UI=CLIENT_INSTALL	The trigger for one-command installation
SQLSRC=LOCALHOST\UNICORN	The database instance, LOCALHOST \UNICORN is an example.
SQLCAT=UNICORN	The database name, UNICORN is an example.
DBPASS="/ H1ktBOImaA9MaxWB8 Cf0A=="	The database user password(encrypted) "/H1ktBOImaA9MaxWB8Cf0A==" is an example.
DBUSER="AmcqfmkOpJd +BTjZy8 utaA=="	The database username (encrypted), "AmcqfmkOpJd+BTjZy8utaA==" is an example.
LIC_SERV=LOCALHOST	The license server, LOCALHOST is an example.

The following table lists optional arguments:

Argument=value	Description
HIDE_LICENSE_AGREEMENT=TRUE FALSE	If the license agreement will be hidden, default is FALSE
HIDE_OS_REQ_WARNING_DIALOG=TRUE FALSE	If the OS_REQ warning dialog will be hidden, default is FALSE
CTRL_SW=TRUE FALSE	If the control software will be installed locally, default is FALSE
AD_ENCR=TRUE FALSE	Use active directory encryption, default is TRUE

Argument=value	Description
AD_ENCR_PORT=636	Active directory encryption port, default is 636
CLIENT_SRV_AD=UseDB NotUsed MacAddress	Client Instrument Server MacAddress, default is UseDB
DMC_ENCR=TRUE FALSE	Use Dmc MsSql Encryption, default is FALSE
DMC_TRUST=TRUE FALSE	Use Dmc MsSql Trust Server Certificate, default is TRUE
IPADDR=<ip address>	ÄKTA Connection IP Address, default is 10.1.1.2
SUMASK=<subnet mask>	ÄKTA Connection Subnet mask, default is 255.255.255.0
END_DIAG=TRUE FALSE	if result end dialog will be shown after installation, default is TRUE
INST_SERV=TRUE FALSE	If the Instrument Server will be registered as Service, default is TRUE

Note: *In this document, the database and the license server are assumed to be installed on the **localhost**.*

3 Uninstall UNICORN software

The following commands are available depending on the UNICORN version:

Command...	to uninstall...
<code>msiexec.exe /x {44180647-AAC9-4395-BC37-012E8B1B29CB} /qn INSTALLMODE=REMOVE</code>	UNICORN client 6.2
<code>msiexec.exe /x {CDC4DEAF-85B9-4436-91B4-7043789E6880} /qn INSTALLMODE=REMOVE</code>	UNICORN client 6.3
<code>msiexec.exe /x {C6BCB38F-C28C-402F-A597-80494156BF9B} /qn INSTALLMODE=REMOVE</code>	UNICORN client 6.4
<code>msiexec.exe /x {98801D43-2CCA-47EB-8F42-D5D42FB3DCB5} /qn INSTALLMODE=REMOVE</code>	UNICORN client 7.0
<code>msiexec.exe /x {4CB1701F-729A-45AF-8250-3BD2CE86D15C} /qn INSTALLMODE=REMOVE</code>	UNICORN client 7.1
<code>msiexec.exe /x {B1308E35-D1BE-445C-B766-C24859A79DEC} /qn INSTALLMODE=REMOVE</code>	UNICORN client 7.2
<code>msiexec.exe /x {B84B0A04-68E8-48D6-9F99-401C1DBA0A6F} /qn INSTALLMODE=REMOVE</code>	UNICORN client 7.3
<code>msiexec.exe /x {AA4092A1-38D1-4034-8E47-20A0750554E0} /qn INSTALLMODE=REMOVE</code>	UNICORN client 7.4
<code>msiexec.exe /x {AD0B6E76-1A68-48B2-A1E0-A865863FA345} /qn INSTALLMODE=REMOVE</code>	UNICORN client 7.5
<code>msiexec.exe /x {881218AA-9BBB-4FF3-9FC4-F7866AC9583D} /qn INSTALLMODE=REMOVE</code>	UNICORN Service Tool 6.4
<code>msiexec.exe /x {783058D3-F4F0-453F-9F49-8F85299F97D1} /qn INSTALLMODE=REMOVE</code>	UNICORN Service Tool 7.0
<code>msiexec.exe /x {ABAB6EFB-5150-4D2E-B031-730FAD0C3D3B} /qn INSTALLMODE=REMOVE</code>	UNICORN Service Tool 7.1

Command...	to uninstall...
<code>msiexec.exe /x {1BBAAA0D-ACD1-4BC7-904A-71F472FBDD16} /qn INSTALLMODE=REMOVE</code>	UNICORN Service Tool 7.2
<code>msiexec.exe /x {8861029A-6A61-474B-AE62-F33F5E1F6A78} /qn INSTALLMODE=REMOVE</code>	UNICORN Service Tool 7.3
<code>msiexec.exe /x {CDDDCD36-54BC-412D-BF8F-B364D8FFB96B} /qn INSTALLMODE=REMOVE</code>	UNICORN Service Tool 7.4
<code>msiexec.exe /x {15352551-1C10-4034-87F9-E9A4ED45F976} /qn INSTALLMODE=REMOVE</code>	UNICORN Service Tool 7.5
<code>msiexec.exe /x {7A76AC3F-EF0B-45ED-9691-7D39DC788120} /qn INSTALLMODE=REMOVE</code>	... Remote Deployment Service



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