



Worksoft Continuous Testing Manager Installation Guide

Worksoft Continuous Testing Manager Installation Guide

Version 12

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Chapter 1

Before You Install Worksoft Continuous Testing Manager

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Overview

Before installing and configuring Worksoft Continuous Testing Manager (CTM), complete the following tasks:

- Install and configure Worksoft Portal and all infrastructure services.
- Verify that your CTM server has the needed system requirements installed.
- Configure Microsoft[®] Internet Information Services (IIS) on your CTM Server.
- Enable IIS Services.

Installing Worksoft Portal and Infrastructure Services

CTM leverages information from the administration tool Worksoft Portal and its infrastructure services. The Worksoft Portal registers database settings, licenses, users, and integrations for Worksoft products.

When installing Worksoft Portal, use the external URL for the Authentication service, and do not use a localhost. If you use a localhost, it will cause the applications to break.

You must use a fully qualified domain name or a Domain Name System (DNS) alias.

Go to the Worksoft Customer Portal to download Worksoft Infrastructure Services.

To view the Worksoft Infrastructure Services system requirements and installation guide, see the Worksoft Help Portal.

Verifying CTM System Requirements

Verify that your environment has the needed system requirements installed. For information about system requirements and port requirements, see the Worksoft Help Portal.

The CTM server must have public Internet access.

You must use a fully qualified domain name or a Domain Name System (DNS) alias.

Configuring Your Application Server

In order to transform your application server into a web server to host CTM, Microsoft® Internet Information Services (IIS) must be installed, and the Server Manager must be configured.

These procedures assume that you have not already configured your IIS. If you have already set up the Roles and Features, verify that the following Role Services on page 13 have been selected.

Adding Roles and Features

The Server Manager allows you to add specific roles and features to your web server that are required for Worksoft products.

• To add roles and features to your web server:

1 From the Start menu, select **Server Manager**.

The Server Manager opens.

Server Manager							D X
Server M	lanager • Dashboard			• © 🏲	Manage	Tools Viev	Help
T Dashboard	WELCOME TO SERVER MANAGER		To set unificant de la COMMUNICACIÓN de como Com COMUNICACIÓN DE LA COMUNICACIÓN DE LA COMUNICACIÓN DE LA COMU		n vitel i tra sa ci		
Local Server All Servers File and Storage Services	1 Conf	igure this local server					
	QUICK START 2 Ad	Id roles and features					
	WHAT'S NEW 4 Cre	eate a server group					
	5 Co	nnect this server to cloud services					Hide
	ROLES AND SERVER GROUPS Roles: 1 Server groups: 1 Servers total	±1					
	File and Storage Services 1	Local Server 1	All Servers 1				
	Manageability Events Performance BPA results	Manageability Events Services Performance	 Manageability Events Services Performance 				
		BPA results 6/16/2023 14:00	BPA results 6/16/2023 14:00				

- 2 In the Navigation pane, select **Dashboard**.
- 3 In the Summary Tasks pane, select **Add Roles and Features**.

The Add Roles and Features Wizard opens.

📥 Add Roles and Features Wizard		170		×
Before you begin Defore You Begin Installation Type Server Selection Server Roles Features Confirmation Results	This wizard helps you install roles, role services, or features. You determine which features to install based on the computing needs of your organization, such as hosting a website. To remove roles, role services, or features: Start the Remove Roles and Features Wizard Before you continue, verify that the following tasks have been completed: • The Administrator account has a strong password • Network settings, such as static IP addresses, are configured • The most current security updates from Windows Update are installed If you must verify that any of the preceding prerequisites have been completed complete the steps, and then run the wizard again. To continue, click Next.	DESTIN th roles, role sharing doo	ATION SERV e services, cuments, o	or pr
	< Previous Next >	nstall	Cance	

4 Click Next.

The Select Installation Type page opens.

📥 Add Roles and Features Wizard		-		×
Select installation	type	DESTINA	TION SERV	ER
Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results	 Select the installation type. You can install roles and features on a running physical machine, or on an offline virtual hard disk (VHD). Role-based or feature-based installation Configure a single server by adding roles, role services, and features. Remote Desktop Services installation Install required role services for Virtual Desktop Infrastructure (VDI) to create a or session-based desktop deployment. 	i compute	er or virtu	al
	< Previous Next > Inst	all	Cancel	

5 Select the **Role-based or feature-based Installation** option.

6 Click Next.

The Select Destination Server page opens.

elect destinati	on server			DESTIN	ATION SER	RVE
Before You Begin	Select a server or	a virtual hard disk on which	to install roles and features.			
Installation Type	 Select a server 	from the server pool				
Server Selection	O Select a virtual	hard disk				
Server Roles	Server Pool					
Features						
Confirmation	Filter:					_
Results	Name	IP Address	Operating System			_
					14 1	
	T Computer(s) fou	nd				
	and that have bee	n added by using the Add	Servers command in Server 1	Anager, Offline	servers a	ver and
	newly-added serve	ers from which data collect	ion is still incomplete are not	shown.		

- **7** Select a server.
- 8 Click Next.

The Select Server Roles page opens.

Select server soles Description Before You Begin Installation Type Server Selection Select one or more roles to install on the selected server. Before You Begin Installation Type Server Selection Select one or more roles to install on the selected server. Before You Begin Installation Type Server Selection Select one or more roles to install on the selected server. Before You Begin Installation Type Server Selection Celection Peatures Confirmation Results Cerver Holts Attive Directory Fights Management Services Device Health Attestation DHCP Server Fax Server Storage Services (Installed) Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure. Image: Server Storage Services (Installed) Storage Services (Installed) Web Server Storage Services (Installed) Image: Server Server Device Health Attestation DHCP Server Storage Services (Installed) Storage Services (Installed) Storage Services (Installed) Image: Server Server Device Health Attestation Services Server Device Health Attestation Services Storage Services (Installed) Storage Services (Installed) Image: Server Server Device Health Attestation Services Storage Services Services (Installed) Storage Services	🚘 Add Roles and Features Wizard		– 🗆 X
Commination DNS Server Results File and Storage Services (1 of 12 installed) File and Storage Services (Installed) Host Guardian Service Hyper-V Network Policy and Access Services Print and Document Services Remote Access Remote Access Volume Activation Services Volume Activation Services Windows Server (UIS) (21 of 43 installed) Windows Server Update Services Windows Server Update Services 	Before You Begin Installation Type Server Selection Server Roles Features Confirmation	Select one or more roles to install on the selected server. Roles Active Directory Federation Services Active Directory Lightweight Directory Services Active Directory Rights Management Services Device Health Attestation DHCP Services	Description Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.
	Confirmation Results	 □ DicP server □ DicP server □ Fax Server ■ File and Storage Services (1 of 12 installed) □ b □ File and iSCSI Services □ With Guardian Service □ Hyper-V □ Network Policy and Access Services □ Print and Document Services □ Remote Activation Services □ Volume Activation Services □ Volume Activation Services □ Web Server (IIS) (21 of 43 installed) □ Windows Server Update Services 	7

- **9** From the Server Roles list, select the following roles:
 - File Services
 - Web Server (IIS)
- 10 Click Next.

The Select Features page opens.

📥 Add Roles and Features Wizard				– 🗆 X
Select features				DESTINATION SERVER
Before You Begin	Select one or more features to install on the selected se	erver	•	
Installation Type	Features			Description
Server Selection	.NET Framework 3.5 Features		^	.NET Framework 4.8 provides a
Server Roles	 NET Framework 4.8 Features (Installed) 			comprehensive and consistent
Features	Background Intelligent Transfer Service (BITS) BitLocker Drive Encryption			easily building and running
Confirmation	BitLocker Network Unlock			applications that are built for various
Results	 BranchCache Client for NFS Containers Data Center Bridging Direct Play Enhanced Storage Failover Clustering Group Policy Management Host Guardian Hyper-V Support I/O Quality of Service ✓ IIS Hostable Web Core (Installed) Internet Printing Client IP Address Management (IPAM) Server LPR Port Monitor 	>	~	platorms including desktop PCS, Servers, smart phones and the public and private cloud.
	< Previous	N	lext >	Install Cancel

- **11** Select the following features:
 - .NET Framework 4.8 Features and all of its child nodes
 - WCF Services and all of its child nodes
 - IIS Hostable Web Core and Media Foundation



12 Verify that Message Queuing Services and Message Queuing Server are enabled.

- **13** Use the scroll bar to verify the **Windows Process Activation Service** is enabled with the following child nodes:
 - Process Model
 - Configuration APIs
- 14 Click Next.

Configuring the Web Server Role (IIS)

The Web Server Role (IIS) page opens if you have not already installed the web server.

1 In the Navigation pane, click **Role Services** under Web Server Role (IIS).



The Select Role Services page opens.

2 In the Role Services list, use the scroll bar to select the following services.

If you have already set up the Roles and Features, verify that the following services have been selected.

Node	Child Nodes
Common HTTP Features	Default Document
	Directory Browsing
	HTTP Errors
	Static Content
	WebDAV - Verify that this option is disabled. Worksoft's RESTful Services will not work correctly if enabled.
Health and Diagnostics	HTTP Logging
	Request Monitor
Performance	Static Content Compression
	Dynamic Content Compression
Security	Request Filtering
	Basic Authentication
Application Development	.NET Extensibility 4.8
	Application Initialization
	ASP
	ASP.NET 4.8
	CGI
	ISAPI Extensions
	ISAPI Filters
	WebSocket Protocol
Management Tools	IIS Management Console
	IIS Management Scripts and Tools
	Management Service

3 Click Next.

The Confirm Installation Selections page appears.

4 Click **Install** to install the role services.

Configuring Application/Json MIME Type Compression

After you have enabled Dynamic Content Compression within IIS, you need to verify HTTP Compression for the application/json MIME type. Worksoft uses Dynamic Content Compression to improve performance, and HTTP compression must be enabled for the application/json MIME type.

When the Dynamic Content Compression feature is enabled, it will overwrite any previous HTTP compression settings.

To verify application/json MIME type compression:

- 1 Open **IIS Manager**.
- 2 In the left Navigation pane, click on your server.
- 3 In the Management section, double-click the **Configuration Editor**.



The Configuration Editor opens.

4 From the Section drop-down list, select **system.webServer > httpCompression**.

Configuration Editor		Actions
Section: appSettings	•	B/ Apply B _K Cancel
V Dee 🖨 🧰 system webServer	^	Generate Script
(Col e- b tracing file e webday	nt=0)	Configuration Search Configuration
a vebdav applicationInitialization applicationInitialization asp cathing cgi defaultDocument directoryBrowse fastCai		Section Cock Section
		'(Collection)' Element
		Edit Items
globalModules // handlers // handlers // httpCompression // httpErrors // httpErrors // httpProtocol // httpProtocol // httpPracing // isapifilters // modules		Help
(Collect / odbcLogging / serverRuntime / serverSideInclude		

5 In the httpCompression section, click **dynamicTypes**.

Configuration Editor			R Apply
ction: system.webServer/httpCompression	•		Bx Cancel
Deepest Path: MACHINE/WEBROOT/APPHOS	T	^	denerate Script
(Collection)	(Count=1)	- 111	Configuration
cacheControlHeader	max-age=86400	- 11 1	Search Configuration
directory	%SystemDrive%\inetpub\temp\IIS Temporary Compressed Files	- 11	e
doDiskSpaceLimiting	True	- 11 1	Section
dynamicCompressionBufferLimit	65536	- 11 1	Lock Section
dynamicCompressionDisableCpuUsage	90	- 11 1	'dynamicTypes' Element
dynamicCompressionEnableCpuUsage	50		
dynamicTypes	(Count≃5)		Lock Element
expiresHeader	Wed, 01 Jan 1997 12:00:00 GMT	_	× Remove
maxDiskSpaceUsage	100		Edit Items
minFileSizeForComp	2700		Help
noCompressionForHttp10	True	- 11	- Hop
noCompressionForProxies	True		
noCompressionForRange	True		
sendCacheHeaders	False		
staticCompressionDisableCpuUsage	100		
staticCompressionEnableCpuUsage	50		
shall of a second second the factor of the	False		

6 Verify that **application/json** is listed in the dynamic compression mime types. If it is not listed, click the **Add** button in the Collection section to add it.

and the second second	1111111				a 20.
Items:				Actions:	
mimeType text/* message/*	enabled True True	Enty Path MACHINE-WEBROOT/APPHOST MACHINE-WEBROOT/APPHOST		Collection Add Clear All	8
application/x-javascript application/iavascript	True	MACHINE/WERROOT/APPHOST MACHINE/WERROOT/APPHOST		Item Properties	
application/joon	False True	MACHINE/WEBROOT/APPHOST		Lock Rem Remove Help Online Help	
< Properties:			>		
enabled mimeType		 True # application/joon 			
enabled Data Type:bool					

 After you completed your verification or addition, click the Close button The Configuration Editor opens.

er ction: system.webServer/httpCompression			successfully saved.		
Deepest Path: MACHINE/WERROOT/APPHOST		•	Actions		
(Collection)	(Count=1)		R Apply		
cacheControlHeader	max-age=86400		Be Cancel		
directory	%SystemDrive%\inetpub\temp\IIS Temporary Compressed Files		A Concerning Security		
doDiskSpaceLimiting	True		of Generale script		
dynamicCompressionBufferLimit	65536		Configuration		
dynamicCompressionDisableCpuUsage	90		Search Configuration		
dynamicCompressionEnableCpuUsage	50		Section		
dynamicTypes	(Count=6)		Lock Section		
expiresHeader	Wed, 01 Jan 1997 12:00:00 GMT		LUCK JECHON		
maxDiskSpaceUsage	100		'dynamicTypes' Element		
minFileSizeForComp	2700		Lock Element		
noCompressionForHttp10	True		× Remove		
noCompressionForProxies	True				
noCompressionForRange	True		Edit Items		
sendCacheHeaders	False		😧 Help		
staticCompressionDisableCpuUsage	100				
staticCompressionEnableCpuUsage	50				
staticCompressionIgnoreHitFrequency	False	~			
namicTypes					

- 8 Click **Apply** to apply your changes.
- **9** Verify that dynamicTypes lists a count of six.
- **10** Close the editor.

Enabling IIS Services

You will now need to verify that several IIS services are enabled.

To verify IIS services are enabled:

1 If the Server Manager is not open, select **Administrative Tools > Server Manager** from the Start menu.

The Server Manager opens.

- 2 In the Navigation pane, select **IIS**.
- **3** Scroll down to the Services section.
- 4 In the Services pane, verify that the following services are enabled and running:
 - World Wide Web Publishing Service
 - Web Management Service
 - Application Host Helper Service
 - Windows Process Activation Service
- **5** If any of these window services are not running, start the services.

To start a service, select the service from the list and click **Start** in the right menu. You can also start services by going to **Administrative Tools > Services** on your machine.

Configuring HTTPS on Your Application Server

Complete the following tasks to configure HTTPS on your application server:

- Request an SSL Certificate from your IT department.
- Add the certificate to IIS.
- Add new binding to port 443.

Verify your SSL Settings on your application server.



Chapter 2

Installing Worksoft Continuous Testing Manager

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Worksoft Continuous Testing Manager Package

The CTM package consists of the following components:

Component	Description
Worksoft Continuous Testing Manager (version).exe	Executable that installs CTM.
SqlScripts.zip	Zip file contains database scripts that create and upgrade CTM databases.

Installing Worksoft Continuous Testing Manager

Verify that your environment has the needed system requirements installed before you begin to install CTM. For information about system requirements, see the Worksoft Help Portal.

To install CTM:

1 In the software distribution folder, right-click the **Worksoft Continuous Testing Manager** (version).exe file and select **Run as administrator**.

The Worksoft Continuous Testing Manager Install Wizard opens.



2 Click **Next** to begin the installation process.

The Other Worksoft Products and Services Dependencies page appears.

C Worksoft Continuous Testing Manager			×
Other Worksoft Products And Servi	ce depende	ncies.	
1000	man and the second		
	and the second second	E CALL	No. 2 State
			12.2
Worksoft Continuous Testing Manager has below Works	oft Products and Se	Nice	
dependencies. Please install them using Worksoft Infrast	tructure Services Ins	staller.	
- Worksoft Authentication Service			
- Worksoft Portal			
 Bookmark Service 			
- Scheduler Service			
- Certify Results UI			
Rodmark conics is posted to avec to boolmarked Cartify process			
Scheduler service needed to schedule Certify tests in CTM.	=5.		
Certify results UI is needed for viewing the detailed Certify results.			
< Back	Next >	Capce	
(Tarr		Cance	10

- **3** Verify that these products and services have been installed with the Worksoft Infrastructure Services installer.
- 4 Click Next.

The Destination Folder page appears.



5 If you want to accept the default directory for your installation files, click **Next**.

If you do not want to accept the default directory for the installation files, select a different installation directory and click **Next**.



The Worksoft Continuous Testing Manager Web Site page appears.

- **6** If you want to accept Default Web Site as your website, click **Next**.
- 7 If you have other websites configured in the IIS, select the server from the drop-down list and click **Next**.

The Worksoft Portal URL page appears.



- 8 Enter the external URL address for Worksoft Portal. You must use a fully qualified domain name or a Domain Name System (DNS) alias. Example: https://servername.worksoft.com
- 9 Click Next.

The Ready to Install page appears.



10 Click **Install** to begin the installation.

After the installation completes, the Installation Result page appears.



11 Click Finish.

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Chapter 3

Creating the Worksoft Continuous Testing Manager Database

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Overview

After installing Worksoft Continuous Testing Manager, you need to create a CTM database in the Worksoft Portal.

Go to the Worksoft Portal URL address that was used during installation:

https://<portalservername>/portal

Example: https://servername.worksoft.com/portal

If you have any questions about your specific URL address, please ask your IT administrator.

Creating the CTM Database

In order to create a database, the user must have SQL Server dbcreator permissions.

To create the CTM database:

- **1** Sign into the Worksoft Portal.
- From the Worksoft Portal menu, select Product Configuration > Continuous Testing Manager.
 The Continuous Testing Manager Connection Setup screen opens.

Home Portal Configuration ▼ Product Configuration ▼ AutomationTest > Product Configuration > Continuous Testing Manager Continuous Testing Manager © Continuous Testing Manager (12.0.6.56) URL - https://thor.worksoft	Settings V	Deregister
AutomationTest > Product Configuration > Continuous Testing Manager Continuous Testing Manager Continuous Testing Manager (12.0.6.56) URL - https://thor.worksoft	.com/continuoustestingmanager	Dereaister
Continuous Testing Manager Continuous Testing Manager (12.0.6.56) URL - https://thor.worksoft	.com/continuoustestingmanager	Deregister
Continuous Testing Manager (12.0.6.56) URL - https://thor.worksoft	.com/continuoustestingmanager	Deregister
Database Configuration	0.10	
Continuous lesting Manager Database Connection - Connected (12.	0.15)	
SQL Server	Database Name	
Use Trusted Connection (Windows)		
SQL Username	SQL Password	
Tost		Save

You will notice that CTM appears as registered. When you installed CTM, it was automatically registered in the Worksoft Portal.

If for some reason it does not automatically register, you can trigger the registration by manually loading CTM at the following site:

http(s)://servername/continuoustestingmanager/swagger

- **3** In the SQL Server field, enter the server name.
- 4 In the Database Name field, enter the database name.
- **5** Enter the SQL Server user name and password in the respective fields.
- 6 Click Save.
- **7** Refresh the screen to display the configured database.



Chapter 4

Installing Worksoft Continuous Testing Manager Agents

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Overview

CTM leverages dedicated client machines that have both Worksoft Certify and CTM Agent installed on them, and it orchestrates the automation of process execution from the full repository of your Certify systems.

Determine how many client machines that you will need by evaluating the quantity of Certify processes that are required to run on a daily basis. Also, you need to figure out the amount of time it takes to ensure that all of your end-to-end processes run within a minimum set of time.

Each of these client machines must meet the minimum system requirements for the version of Worksoft Certify. For more information, see Worksoft Certify Resources.

Warning: Do not install a CTM Agent on a machine that has Orchestrator Agent or Worksoft Execution Manager Agent installed.

Installing a CTM Agent

Worksoft Continuous Testing Manager Agents are dedicated machines that you are able to schedule and manage remote execution for Worksoft Certify[®] processes.

- To install a CTM Agent:
- 1 In your software distribution folder, double-click the **Worksoft Continuous Testing Manager Agent** (version).msi file.

The Worksoft Continuous Testing Manager Agent Setup Wizard opens.

🖟 Worksoft Continuous Te	sting Manager Agent Setup	-3		×
	Welcome to the Workso Testing Manager Agent	oft Contin Setup V	nuous Vizard	
WORKS()FT.	The Setup Wizard will install Worksoft Continuous Testing Manager Agent on your computer. Click Next to continue or Cancel to exit the Setup Wizard.			
	Back	ext	Can	cel

2 Click Next.

The Destination Folder page appears.

Dectination Folder				
	NGU FLA	WO	RKS	DF
Click Next to install to the defau	It folder or click Change to choo	ose another.		
Install Worksoft Continuous Testi	ng Manager Agent to			
Install Worksoft Conundous resu	ng Manager Agent to:			
C. Drogram Files (v96))Workest	Workeeft Continuous Testing	Manager Age	-+1	
C: Program Files (X86) (Worksoft	worksoft Continuous Testing	Manager Age	nt\	
Change				

3 If you want to accept the default directory for your installation files, click **Next**.

If you do not want to accept the default directory for the installation files, click the **Change** button to select a different installation directory, and then click **Next**.

The Configuration Settings page appears.

👹 Worksoft Continuous Testing Manager Agent Con	figuration Settings X
Configuration Settings Entering configuration settings is optional.	WORKS()FT.
<u>T</u> enant Name: Master <u>C</u> oncurrent Logon Count: 1	
Back	Next Cancel

- 4 In the Tenant Name field, enter a valid tenant name in the Worksoft Portal. Each Agent can be assigned to only one tenant.
- **5** In the Concurrent Logon Count field, enter a number. If an invalid value is added, it will default to one.
- 6 Click Next.

The Worksoft Portal URL page appears.

🖟 Worksoft Continuous Testing Manager Agent - Portal URL (Opt	onal) X
Portal URL	
Entering Portal URL is optional.	
Enter URL:	
 (e.g. http:// <server_name>/Portal)</server_name>	
I	
Test Connection	
<u>B</u> ack <u>N</u> ex	t Cancel

7 Enter the Worksoft Portal URL.

By default, the URL address is populated as http://<servername>. You will need to change it to https for secure authentication.

- 8 Click **Test Connection** to test the connection.
- 9 Click Next.

The Ready to Install page appears.

🔀 Worksoft Continuous Testing Manager Agent Setup			×
Ready to install Worksoft Continuous Testing Mana	ger Age O	RKS	OFT.
Click Install to begin the installation. Click Back to review or chan installation settings. Click Cancel to exit the wizard.	ige any of yc	our	
Back	stall	Cano	el

10 Click **Install**.

The Completed Installer Setup Wizard page appears.

🖟 Worksoft Continuous Testing Manager Agent Setup		_23		×
	Completed the Worksoft Continuous Testing Manager Agent Setup Wizard			
	Click the Finish button to exit the Setup Wizard.			
WORKS()FT.				
	Back	<u>F</u> inish	Canc	el

11 Click Finish.

The CTM Agent installation is complete, and it will start by default.

Repeat this installation process for all of the client machines that you intend to use.

Configuring CTM Agents

The desktop machine where CTM Agent is installed needs to have Remote Desktop Protocol (RDP) configured.

If you have a Citrix environment, the Citrix server must be configured to support RDP sessions. Test your configuration by running **mstsc.exe**. This configuration setting is not enabled by default.

Disabling Windows Fast User Switching Mode

CTM Agents require the ability to enter a user name and password on the screen. If the login screen displays a Switch User button, then the Agent will not start. Consult your IT administrator about disabling the Fast User Switch mode in the Local Group Policy Editor.

To disable Windows Fast User Switch mode:

1 From the Windows Start menu, type gpedit.msc, and press Enter.

The Local Group Policy Editor opens.

- 2 In the Local Group Policy Editor Navigation pane, drill down and select **Computer Configuration > Administrative Templates > System > Logon**.
- In the Setting pane, double-click Hide entry points for Fast User Switching.The Properties dialog box for this setting opens.
- 4 Select the **Enabled** option.
- 5 Click OK.



Appendix A Worksoft Continuous Testing Manager Silent Installation

Install with all defaults:

Install on default path C:\Program Files (x86)\Worksoft: <InstallerPath>\Worksoft Continuous Testing Manager.exe /s

Provide Non-default website:

<InstallerPath>\Worksoft Continuous Testing Manager.exe /s

Provide portal URL during silent install:

https://<portalservername>/portal /s
Example: https://servername.worksoft.com/portal /s

Provide default install location override:

<InstallerPath>\Worksoft Continuous Testing Manager.exe /s TargetDir="C:\Temp\"

Provide Install log location override:

The default installation log is located at **%userprofile%** of the user who installed Worksoft Continuous Testing Manager.

<InstallerPath>\Worksoft Continuous Testing Manager.exe /s /l=C:\temp\CTMInstalllog.txt

Silent Uninstall:

Worksoft Continuous Testing Manager.exe /s MODIFY=FALSE REMOVE=TRUE UNINSTALL=YES