

In this training module, you learn how to perform stand-alone scans with IBM License Metric Tool 7.5.

Objectives

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When you have completed this training module, you can accomplish these tasks:

- Describe what an IBM License Metric Tool V7.5 stand-alone scan is to others
- Name the four major parts of the stand-alone scan prerequisites check
- Name the three major steps of the stand-alone scan process
- Perform an IBM License Metric Tool V7.5 stand-alone scan

Performing stand-alone scans

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When you have completed this training, you can perform these tasks:

- Describe a stand-alone scan
- Name the four parts of the prerequisite check
- Name the three steps in the stand-alone scan process
- Perform a stand-alone scan

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Stand-alone scan overview				
These characteristics define stand-alone scans:				
 Used to perform scans on machines 				
 Used when the standard License Metric Tool agent cannot connect to the remote License Metric Tool server 				
 Provide software, capacity, and hardware information 				
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A stand-alone scan is used to perform scans on machines where there is no possibility for the standard License Metric Tool agent to connect to the remote License Metric Tool server. By running the stand-alone scan scripts, you can gather software, capacity, and hardware information.

Stand-alone scan prerequisites

These prerequisites must be accomplished before performing a stand-alone scan:

- Installed and configured administration server with security enabled
- Administration server must have a command-line interface
- · Previous deployment of software on the system where the stand-alone scan is to be performed
- Created account on the administration server with at least inventory administrator rights
- A computer that you can use to access the administration server web user interface

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Perform a prerequisites check before performing stand-alone scans. Make sure that there is an installed and configured administration server. The administration server must have security enabled. Make sure you have an authenticated username and password for command-line interface operation. Software has to have been deployed on the system where the stand-alone scan is to be performed. No software deployed will yield empty scan results. An account must have been created on the administration server with at least inventory administrator rights. In addition, you need a computer for remote web portal access to the administration server.



Generating scan scripts calls for following four steps:

First, open the LMT web user interface.

Second, click Infrastructure and then Scan Groups.

Third, choose the stand-alone scan group.

And fourth, click Select Action and then Generate Scan Scripts.

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Generate sca	n scripts (2 of 2)		
erform these acti	ons:		
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Select the operating system of the system for which the scan scripts are to be created. On this slide example, Windows[®] x86 32 & 64 bit was selected. Next, click the **Generate Scan Scripts** button.

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Extracting,	transferring, and running a scan script	
In this example,	the scripts are to be copied to and extracted in the temp directory of a Windows sys	tem.
Note: You must	have previously generated the scanner script file.	
These actions a	re performed to extract, transfer, and run the scanner script file on Windows:	
 Log in to the set 	elected Windows system and change to the temp directory	
 To extract the 	compressed scanner file into the target system temp directory	
 Use an FI Copy the s Extract the 	e compressed scanner file	
 Run the script 	./stdas_scanner.bat	
Note: When the Windows compu- scanner will not these files:	scanner scripts are for non-Windows system, the scanner file should be extracted outer to preserve the needed executable attributes. If you happen to lose these attributes work properly. You can try to restore them by running the command: chmod a+x <i>file</i>	n a non- tes, the _ <i>name</i> on
stdas_scanner	/bin/stdas_scanner.sh	
stdas_scanner	/bin/tools/*	
stdas_scanner	/cit/p/atform/bin/*	
■ stdas_scanner	/cit/ <i>platform</i> /bin/plugins/*	
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The file that has been generated is saved in a .zip format. Scanner scripts must now be transferred to the selected windows system where no agent has been installed. After successful transfer, you can extract the file and run the scan.

	1BM
Running scan scrip	ots
Scan scripts messages	<pre>C:\temp\stdas_scanner_DEFAULT_STANDALONE_win_12-09-14-18.54.34\stdas_scanner\bin >C:\temp\stdas_scanner_DEFAULT_STANDALONE_win_12-09-14-18.54.34\stdas_scanner\bin \stdas_scanner.bat ICODSS0073I The log directory: C:\temp\stdas_scanner_DEFAULT_STANDALONE_win_12 -09-14-18.54.34\stdas_scanner\bin\\logs\20120914-153744_326c193e-5054-4583-ada 7-aa59c7930dea_IBM-UA70U3312S0. CODSS0001I Starting the IBM License Metric Tool 7.5.0.0 stand-alone scan. CODSS0082I Press Control+C any time to break the scan. CODSS0080I Executing the stand-alone scan for the first time - assigned ID: 506 0181253663213221 CODSS0079I Initializing CODSS0019I Output directory: C:\temp\stdas_scanner_DEFAULT_STANDALONE_win_12-09 -14-18.54.34\stdas_scanner\bin\\upload\5066181253663213221_1347637064_13476514 64_326c193e-5054-4583-ada7-aa59c7930dea. CODSS0056I Running the capacity scan CODSS0056I Running the software scan CODSS0068I Compressing output data to C:\temp\stdas_scanner_DEFAULT_STANDALONE_ win_12-09-14-18.54.34\stdas_scanner\bin\\upload\upload_IBM-UA70U3312S0-2012091 4-153744.zip. CODSS0072I The stand-alone scan has finished successfully. C:\temp\stdas_scanner_DEFAULT_STANDALONE_win_12-09-14-18.54.34\stdas_scanner\bin ></pre>
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Depending on the amount of data in the file systems, it can take a long time to run the scan scripts. The following are sample messages seen while the scan is being performed. The scan results have been written to a .zip file (in this example, the .zip file four lines from the bottom). The upload folder contains a compressed file. You must copy the compressed file back to a directory on the administration server to be able to perform the import of the stand-alone scan results.

Importing scan results (1 of 2) n order to import the stand-alone scan results into the License Metric Tool administration server for view and analysis of the software and capacity scan results: • You must be an <i>inventory administrator</i> • You must have copied the compressed file with the results of stand-alone scan into a directory on the administration server, for example, using an FTP client		IBM			
 n order to import the stand-alone scan results into the License Metric Tool administration server for view and analysis of the software and capacity scan results: You must be an <i>inventory administrator</i> You must have copied the compressed file with the results of stand-alone scan into a directory on the administration server, for example, using an FTP client 	mporting scan results (1 of 2)				
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You must have copied the compressed file with the results of stand-alone scan into a directory on the administration server, for example, using an FTP client	You must be an inventory administrator				
Performing stand-alone scans © 2014 IBM Corporation	• You must have copied the compressed file with the results of stand-alone scan into a directory on the administration server, for example, using an FTP client				
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To import the stand-alone scan results into the License Metric Tool administration server for view and analysis, you must be an inventory administrator and have copied the compressed file with the results of the stand-alone scan into a directory on the administration server.

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Importing scan results (2 of 2)	
Perform these actions sequentially:	
 Copy the file with scan results (in this example: upload_IBM-UA70U3312SO-20120914-153744.zip directory, for example /temp/scanresults) 	o to a
2. Start the License Metric Tool command-line interface and log in.	
 Launch the uploadscans -d /tmp/scanresults command from the administration server, where /tmp/scanresults is a directory with compressed files containing scan results. 	
Note: A message is displayed, confirming the successful import of the file.	
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Perform these actions sequentially:

- Copy the file with scan results to a temporary directory
- Start the License Metric Tool command-line interface and log in.

- Launch the **uploadscans** -d command from the administration server, passing as a parameter the name of a directory with compressed files that contain scan results.

You will see a message confirming that the file was imported successfully.



On this slide, you see that the importing process completed successfully.

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Agents in your Infrastructure					
The table shows agent status information based on the software	e and capacity scans. The dates and times of the Last Succes	ssful Software Scan and Last Agent Activity are in the	server time.		
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Page 1 of 1 Go	Rows 2	Total 2 Filtered 2			
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Related task: Scen groups					
P					

Now that you have imported the scan results, view the infrastructure information that has been gathered by the stand-alone agent. The time stamp of the uploaded package in now visible in the **Last Agent Activity** column of the **Infrastructure** > **Agents** window as displayed on this slide.

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- Describe what an IBM License Metric Tool V7.5 stand-alone scan is to others
- Name the four major parts of the stand-alone scan prerequisites check
- Name the three major steps of the stand-alone scan process
- Perform an IBM License Metric Tool V7.5 stand-alone scan

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Now that you have completed this training, you can describe a stand-alone scan, name the four parts of the prerequisite check, name the three steps in the stand-alone scan process, and perform a stand-alone scan.

standalonescan.ppt

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