



SL1 version 8.9.1

Table of Contents

Introduction	
What is a PowerPack?	4
Who Should Read this Manual?	. 5
Installing a PowerPack	6
Overview	
How the ScienceLogic Platform Updates Default PowerPacks	. 7
Importing and Installing a PowerPack	.10
Importing a PowerPack	.10
Installing a Single PowerPack	11
Installing Multiple PowerPacks	14
Checking the Status of Installed Content	.16
Viewing the List of PowerPacks	.18
Customizing the Display of the PowerPack Manager Page	.20
Filtering the List of PowerPacks	.20
Viewing Documentation for a PowerPack	.23
Viewing a Document from the .em7pp File	.23
Downloading a Document	.23
System Settings that Affect PowerPacks	24
Creating a PowerPack	. 27
Overview	.27
Caveats	.27
Creating a PowerPack	.28
Creating a Container for a PowerPack	.28
Adding Content to a PowerPack	31
Adding Documentation to a PowerPack	35
Adding a Documentation File to a PowerPack	.35
Changing Visibility	.37
Deleting a Document	.37
Including Details on a PowerPack's Features, Benefits, and Technical Information	
Features/Benefits	
Technical Notes	
Adding Intellectual Property Protection to Content in a PowerPack	
Determining the PowerPack's Execution Environments	
Building the PowerPack and Generating a License Key	
Building a PowerPack	
Generating an Embedded License Key During the Initial Build	
Generating an Unembedded License During the Initial Build	
Export/Import Rules and Substitutions	. 52
Event Policies	. 52
Dynamic Applications	
Dashboards	
Run Book Actions	
Run Book Policies	
Credentials	
Credential Tests	
Ticket Templates	
Device Templates	
Device Groups	
IT Service Policies	
Exporting a PowerPack	. 57

Generating an Embedded License Key After the Initial Build	
Generating an Unembedded License Key After the Initial Build	
Editing a PowerPack	
Overview	61
Caveats	
Privileges for Editing a PowerPack	62
Editing a PowerPack	69
Editing Dynamic Applications in a PowerPack	70
Generating a New License Key for the PowerPack	70
Assigning a New License Key to an Already-Installed PowerPack	71
Deleting One or More PowerPacks	72
Removing Content from a PowerPack	73

Chapter

Introduction

What is a PowerPack?

A PowerPack is an exportable and importable package of one or more Dynamic Applications, device classes, device templates, event policies, custom reports, dashboard widgets, dashboards, run book policies, run book actions, ticket templates, credentials, proxy XML transformations, themes, device categories, device dashboards, and/or IT service policies.

You can use PowerPacks to share customized content among ScienceLogic systems and to download customized content from ScienceLogic.

You can create a PowerPack on a ScienceLogic system to export one or more Dynamic Applications, device classes, device templates, event policies, custom reports, dashboard widgets, dashboards, run book policies, run book actions, ticket templates, credentials, proxy XML transformations, themes, device categories, device dashboards, and/or IT service policies. You can then import that PowerPack on another ScienceLogic system to install the Dynamic Applications, device classes, device templates, event policies, custom reports, dashboard widgets, dashboards, run book policies, run book actions, ticket templates, credentials, proxy XML transformation, themes, device classes, device templates, event policies, custom reports, dashboard widgets, dashboards, run book policies, run book actions, ticket templates, credentials, proxy XML Transformation, themes, device categories, device dashboards, and/or IT service policies.

PowerPacks include automatically generated version numbers and license keys to provide version control and to protect the content of each PowerPack. When exporting a PowerPack you can generate a license that prevents users from editing content included in the PowerPack.

You can also apply Intellectual Property Protection (IPP) to the Dynamic Applications and event policies you include in a PowerPack. IPP prevents other users from viewing information required only for editing purposes, and from editing the Dynamic Application or event policy. When IPP is applied, the Dynamic Application or event policy can be **edited only on the author system** (ScienceLogic system where the Dynamic Application or event policy was created) and only by users with the appropriate Access Keys. This manual will describe how to:

- Install a PowerPack
- Get information about a PowerPack
- Edit a PowerPack
- Create a PowerPack
- Delete a PowerPack

Who Should Read this Manual?

This manual is intended for administrators and developers who create, install, and manage Dynamic Applications, event policies, device classes, device templates, custom reports, custom dashboard widgets, dashboards, run book policies, run book actions, ticket templates, credentials, proxy XML transformations, themes, and/or IT service policies.

Chapter

Installing a PowerPack

Overview

This chapter describes how to install a PowerPack in your ScienceLogic system. There are two general steps to install a PowerPack:

- *Importing* a PowerPack loads the PowerPack file into the platform and allows you to see information about the PowerPack and how the contents of the PowerPack will be installed.
- Installing a PowerPack writes the contents of the PowerPack to your ScienceLogic system.

These steps can be performed to install new PowerPacks (a PowerPack that has not previously been installed in the the ScienceLogic platform) and to update PowerPacks that are already installed in your ScienceLogic system.

NOTE: If ScienceLogic includes a new PowerPack in the standard software package, the PowerPack will be automatically installed the next time you apply an update to your ScienceLogic system. The release notes for every release indicate which PowerPacks will be automatically installed.

2

How the ScienceLogic Platform Updates Default PowerPacks

ScienceLogic includes multiple PowerPacks in the default installation of the platform. When you apply an update to your system, new versions of the default PowerPacks will be automatically imported in to your system. If a PowerPack is included in an update and is not currently installed on your system, the platform will automatically install the PowerPack. If a PowerPack is included in an update and is currently installed on your system, the platform will automatically import (but not install) the PowerPack.

If PowerPacks have been imported into your system but have not been installed, the **Update** column appears in the **PowerPack Manager** page (System > Manage > PowerPacks). For each PowerPack that has been imported

to your system but has not been installed, the lightning bolt icon (🖉) appears in the **Update** field on the **PowerPack Manager** page.

NOTE: If a PowerPack updates one or more device classes, device categories, or Dynamic Applications, the ScienceLogic platform will not overwrite the alignment between device dashboards and any updated device classes, device categories, or Dynamic Applications.

To install the new version of a single PowerPack:

- 1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
- 2. In the **PowerPack Manager** page, click the lightning bolt icon () for the PowerPack you want to install.

PowerPack™ Name -	Version	Update •	Publisher	Apps	Events	Classes	Reports	Widgets	Dashbd	Actions	Creds	Tckt Tpl	XSLT	Dev Tpl	ID	Edited By	Last Edited	
		- 💌															All	•
PEM7 Standard Device Categories	7.5.5	/ Yes	ScienceLogic Inc.						215						54	em7admin	2015-06-02 18:30:5	8 🖬
NetApp Base Pack	7.7.0	/ Yes	ScienceLogic, Inc.	283	261	245			21		23				103	em7admin	2015-10-21 13:31:4	7 🖬
9 3Com Base Pack	1	No	ScienceLogic Inc.	-	-	21298			-		-	21			1	em7admin	2015-05-14 11:24:55	2 🖬
ADIC Base Pack	1.2	No	ScienceLogic, Inc.	212	214	213					-				2	em7admin	2015-05-14 11:24:5	3 🖬
Alcatel-Lucent Base Pack	1	No	ScienceLogic. Inc.	-		2133									4	em7admin	2015-05-14 11:24:54	4 🖬
Alteon Base Pack	1.3	No	ScienceLogic, Inc.	213	215	216									5	em7admin	2015-05-14 11:24:54	4 🖬
Amazon Web Services	7.7.0	No	ScienceLogic, Inc.	2144	2171	2194	213		2120		21				6	em7admin	2015-10-14 14:47:5	7 🖬
APC Base Pack	7.3.6	No	ScienceLogic. Inc.	29	2127	230	-								3	em7admin	2015-05-14 11:24:5	3 🖬
Arista Networks: Base	1.0	No	ScienceLogic, Inc.	-		2165									153	em7admin	2015-09-04 11:37:45	5 🖬
Aruba Base Pack	1.1	No	ScienceLogic, Inc.	213		-					-				7	em7admin	2015-05-14 11:24:51	
Ascend Communication Base Pack	1	No	ScienceLogic, Inc.			/19									8	em7admin	2015-05-14 11:24:55	
AskEM7 Query Widgets	7.2.3	No	ScienceLogic, Inc.					213							9	em7admin	2015-05-14 11:24:5	
Attachmate Base Pack	1.1	No	ScienceLogic, Inc.			213		-							10	em7admin	2015-05-14 11:24:55	2
P Avaya Base Pack	7.3.5	No	ScienceLogic, Inc.			243									11	em7admin	2015-05-14 11:25:01	3 🖬
Avocent ACS Pack	7.3.6	No	ScienceLogic, Inc.	24											12	em7admin	2015-05-14 11:25:00	3 🖬
Avocent Base Pack	1.1	No	ScienceLogic Inc.	23		216					-				13	em7admin	2015-05-14 11:25:00	0 🖬
PBL Test	1	No	BL	-											156	em7admin	2015-10-29 10:56:1	1 🖬
Blue Coat Base Pack	1.2	No	ScienceLogic. Inc.	21	212	2110					-				15	em7admin	2015-05-14 11:25:02	2 🖬
PBlueCat Base Pack	1.1	No	ScienceLogic, Inc.	212	-										14	em7admin	2015-05-14 11:25:01	8
PBrocade Base Pack	7.3.6	No	ScienceLogic, Inc.	215	2112	215									16	em7admin	2015-05-14 11:25:04	4 🖬
Cabletron Systems Base Pack	1	No	ScienceLogic, Inc.			215									17	em7admin	2015-05-14 11:25:05	5 🖬
Cisco CM Power-Pack	7.5.1	No	ScienceLogic, Inc.	236	2167	219	21	213			21				19	em7admin	2015-05-14 11:25:11	0 🖬
P Cisco IPSLA	7.3.6	No	ScienceLogic, Inc.	2110	2161	-					21				20	em7admin	2015-05-14 11:25:13	3 🖬
Cisco Nexus	7.6.1	No	ScienceLogic, Inc.	263	234	2153			21		22				21	em7admin	2015-10-06 10:42:3	9 8
P Cisco Unity Pack	12	No	ScienceLogic, Inc.	22	216										22	em7admin	2015-05-14 11:25:11	1 🖬
Cisco VPN Pack	1.1	No	ScienceLogic, Inc.	22											23	em7admin	2015-05-14 11:25:11	
Cisco: ACI	0.5	No	ScienceLogic Inc.	242	27	2120			218	22	213			21	142	em7admin	2015-11-24 14:03:02	2 🖬
Cisco: ACI Dashboards	0.5	No	ScienceLogic, Inc.	-					218	-	-				151	em7admin	2015-07-31 17:22:4	9 🖬
Cisco: Base Pack	7.6.1	No	ScienceLogic. Inc.	211	2125	21403					22				18	em7admin	2015-10-06 10:42:3	3 🖬
Cisco: Contact Center Enterprise	0.5	No	ScienceLogic, Inc.	2154	2133	2119									162	em7admin	2015-12-14 13:50:5	0 🖬
Cisco: CUCM Cisco Unified Communications Manager	1.0	No	ScienceLogic, Inc.	2 112	2131	2 52			223		21			21	149	em7admin	2015-08-28 14:28:5	1 🖬
Cisco: CUCM Dashboards	1.0	No	ScienceLogic, Inc.	-					228						150	em7admin	2015-08-03 13:38:0	0 🖬
PCisco: TelePresence: Endpoints	7.7.0	No	ScienceLogic, Inc.	210	285	247									24	em7admin	2015-10-28 13:26:1	8 🖬
Cisco: TelePresence: Infrastructure	7.3.4	No	ScienceLogic, Inc.	220	223	2 15										em7admin	2015-05-14 11:25:21	
Cisco: TelePresence: Traps	7.3.6	No	ScienceLogic, Inc.		2371										26	em7admin	2015-05-14 11:25:21	8 8

3. The **PowerPack Installer** modal page will display the contents of the PowerPack. The **PowerPack Installer** modal page will indicate how the ScienceLogic platform will update each item in the PowerPack. If the actions that the platform will perform are acceptable, click the **[Install]** button.

	Created: 2013-05-07 18:25:09	Updated: 2015-1	10-19 14	:07:26 Compiled: 2015-10-21 22:1	5:28
Pack	kage Content				
	Dynamic Application	١	Version	GUID	Action
1.	NetApp: Aggregate Config 7-Mode	2	2	170DC0D155C79881FF769D3449659A4	update
2.	NetApp: Aggregate Config C-Mode	2	2	8057F1F96B07C4049368C371B2943430	update
3.	NetApp: Aggregate Discovery 7-Mode	2	2.1	3F0B9F12E8F6A0B9EA91CE5382DA0DE	update
4.	NetApp: Aggregate Discovery C-Mode	2	2.2	A665F0DFDA248991A552FDBA59CAFA1	update
5.	NetApp: Aggregate Size 7-Mode	2	2	CEEC5BC48076F76704D3F31178D1A01	update
6.	NetApp: Aggregate Size C-Mode	2	2	3B84511F17F64E3C191AE298708E0DC	update
7.	NetApp: Aggregate Stats 7-Mode	2	2	DD57A7718C8B50919C41906A2153A83	update
8.	NetApp: Aggregate Stats C-Mode	2	2.2	BB4D675BBB770094F163E75981590C0	update
9.	NetApp: CIFS Stats 7-Mode	2	2	DA4A4A1B4925F8955C1C716DD5B48B/	update
10.	NetApp: CIFS Stats C-Mode	2	2	EBF75133C6F7C56EA1469C2DD944D5	update

4. If you have made any local changes to the Dynamic Applications or Event Policies in the PowerPack and that content will be overwritten with this update, the ScienceLogic platform will display the following message before updating the PowerPack:

WARNING: Local PowerPack changes detected. Proceeding with installation will overwrite these changes.

Click the **[OK]** button to overwrite the local changes. Click the **[Cancel]** button to quit the update.

5. If you completed the update, , updated information about the PowerPack will appear in the **PowerPack Manager** page. All the items in the PowerPack will be automatically installed in your ScienceLogic system.

NOTE: The *Enable Selective PowerPack Field Protection field* in the **Behavior Settings** page affects how updates behave. If the *Enable Selective PowerPack Field Protection* checkbox is selected, certain fields in Event Policies, Dynamic Applications, and Device Classes will **not** be updated.

To install the updates for multiple PowerPacks:

1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).

PowerPack™ Name •	Version	Update		Apps	Events	Classes	Reports	Widgets	Dashbd S	Actions	Creds	Tckt Tpl	XSLT	Dev Tpl		Edited By	All V
P Cisco: Base Pack	7.6.2	🖉 Yes	ScienceLogic, Inc.	213	2125	2 1571					22				23	em7admin	2016-01-06 14:54:54
Cisco: UCS Standalone Rack Server	1	🖊 Yes	ScienceLogic, Inc.	2 12	2 10	2 14			21					21	162	em7admin	2015-12-16 14:50:49
PEM7 Default Internal Events	7.7.0	🖌 Yes	ScienceLogic, Inc.	-	2 192										49	em7admin	2016-01-06 14:59:59 🖬
EMC: VNX	1.0	🖋 Yes	ScienceLogic, Inc.	2 12		25			-	-	<u>@</u> 1				165	em7admin	2015-12-16 14:51:00
PHost Resource Core Pack	7.8.0	🥖 Yes	ScienceLogic, Inc.	28	2 16										76	em7admin	2016-01-06 15:02:20
Microsoft Base Pack	7.7.0	🖋 Yes	ScienceLogic, Inc.	29	234	2 30		-	-	-	21	-			94	em7admin	2015-12-16 04:15:53 🖬
P Microsoft Azure	3.1	🥖 Yes	ScienceLogic, Inc.	238	212	245			-		22	-			101	em7admin	2016-01-06 15:09:29 🖬
#3Com Base Pack	1	No	ScienceLogic, Inc.	-		298									1	em7admin	2015-12-16 04:12:03 🖬
ADIC Base Pack	1.2	No	ScienceLogic, Inc.	22	24	23									2	em7admin	2015-12-16 04:12:04
Alcatel-Lucent Base Pack	1	No	ScienceLogic, Inc.	-		233		-		-					4	em7admin	2015-12-16 04:12:07
Alteon Base Pack	1.3	No	ScienceLogic, Inc.	23	25	26			-						5	em7admin	2015-12-16 04:12:07
Amazon Web Services	7.8.0	No	ScienceLogic, Inc.	2 139	271	294	23		20		21				6	em7admin	2016-01-06 14:53:23 🖬
PAPC Base Pack	7.3.6	No	ScienceLogic, Inc.	29	27	2 30			-						3	em7admin	2015-12-16 04:12:05
Arista Networks: Base	1.0	No	ScienceLogic, Inc.			2 65				-					7	em7admin	2015-12-16 04:12:40 🖬
P Aruba Base Pack	1.1	No	ScienceLogic, Inc.	23					-						8	em7admin	2015-12-16 04:12:41 日
Ascend Communication Base Pack	1	No	ScienceLogic, Inc.			2 19									9	em7admin	2015-12-16 04:12:42
AskEM7 Query Widgets	7.2.3	No	ScienceLogic, Inc.					23	-			-			10	em7admin	2015-12-16 04:12:42
Attachmate Base Pack	1.1	No	ScienceLogic, Inc.			213									11	em7admin	2015-12-16 04:12:43 🖬
PAvaya Base Pack	7.3.5	No	ScienceLogic, Inc.			243			-						12	em7admin	2015-12-16 04:12:44 🔒
Avocent ACS Pack	7.3.6	No	ScienceLogic, Inc.	24											13	em7admin	2015-12-16 04:12:45
Avocent Base Pack	1.1	No	ScienceLogic, Inc.	23		26			-						14	em7admin	2015-12-16 04:12:45 🔒
Blue Coat Base Pack	1.2	No	ScienceLogic, Inc.	21	22	2 10									16	em7admin	2015-12-16 04:12:46
BlueCat Base Pack	1.1	No	ScienceLogic, Inc.	22											15	em7admin	2015-12-16 04:12:46
P Bobbie Test PP 1	1	No	-			-					-				166	bpew	2015-12-28 15:13:43
P Brocade Base Pack	736	No	Sciencel onic Inc	215	2112	215	-		-		-	-	-	-	17	em7admin ISelect Ac	2015 12 15 04 12 47

- 2. In the **PowerPack Manager** page, select the checkbox for each PowerPack you want to install.
- 3. In the Select Action drop-down field (in the lower right), choose Update PowerPack(s).
- 4. The platform will display the following message before updating the PowerPack(s):

```
Update the selected PowerPacks?
NOTE: Any customizations to items contained in updated PowerPacks will be
overwritten by the version contained within the more recently imported PowerPack
file.
```

Click the **[OK]** button to continue the installation. Click the **[Cancel]** button to quit the update.

 Click the [Go] button. If you completed the update, updated information about the PowerPack will appear in the PowerPack Manager page. All the items in the PowerPack will be automatically installed in your ScienceLogic system.

NOTE: You can install multiple PowerPacks with the **Select Action** drop-down list only if each selected PowerPack includes an embedded Installation Key. PowerPacks that do not include embedded Installation Keys will fail to install.

NOTE: The **Enable Selective PowerPack Field Protection** field in the **Behavior Settings** page affects how updates behave. If the **Enable Selective PowerPack Field Protection** checkbox is selected, certain fields in Event Policies, Dynamic Applications, and Device Classes will **not** be updated.

Importing and Installing a PowerPack

Before installing a PowerPack, you must first import it. After a PowerPack has been imported, you can immediately install it or install it at a later time.

NOTE: The following sections describe how to import and install PowerPacks using the user interface. In addition to the user interface, PowerPacks can also be imported or installed via the ScienceLogic API. PowerPacks imported or installed via the user interface will appear in the ScienceLogic API and vice versa. For information about importing or installing PowerPacks via the ScienceLogic API, see the manual **Using the ScienceLogic API**.

Importing a PowerPack

You can import a PowerPack from the **PowerPack Manager** page. To import a PowerPack to be installed at a later time:

- 1. Download the PowerPack from the <u>ScienceLogic customer portal</u>.
- 2. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).

NOTE: To install a PowerPack, you might have to enter the license key for the PowerPack. You can get this license key from the PowerPack's author or the PowerPack administrator for your system. You cannot install a PowerPack that requires a license key without the license key.

- 2. In the **PowerPack Manager** page, click the **[Actions]** button. Click Import PowerPack.
- 3. The Import PowerPack dialog box appears.

Import PowerPack™		×
Browse for file License:	Browse	

- Use the [Browse] button to navigate to the PowerPack file.
- If the PowerPack includes an embedded license key, do not enter a value in the License field.
- If the PowerPack does not include an embedded license key, enter the license key in the License field.

- 4. When the **PowerPack Installer** modal page appears, you can do one of the following:
 - Immediately install the PowerPack.
 - Exit the page without installing the PowerPack. If you do so, the ScienceLogic platform will store the PowerPack for later installation.

NOTE: If you exit the **PowerPack Installer** modal page without installing the imported PowerPack, the imported PowerPack will not appear in the **PowerPack Manager** page. However, the imported PowerPack will appear in the **Imported PowerPacks** modal page. This page appears when you click the **[Actions]** menu and choose **Install PowerPack**.

CAUTION: If you have modified one or more content items in a PowerPack that you are updating and want to preserve your changes, you must remove those content items from the PowerPack in your system before installing the new version of the PowerPack. If the **Package Content** pane indicates that the platform will *update* a content item that you have edited, any changes you have made will be overwritten when you install the PowerPack. If you do not want your changes to be overwritten, click the **[Close / Esc]** button, remove the content item from the PowerPack, then follow the steps listed in the *Installing a PowerPack* section of this chapter to install the PowerPack. For instructions on how to remove a content item from a PowerPack, see the *Editing a PowerPack* chapter.

Installing a Single PowerPack

To install a new or updated PowerPack that is not included in the default installation of the ScienceLogic platform, you must first *import the PowerPack*. You can then immediately install the PowerPack or install it at a later time.

To install a PowerPack that has previously been imported to your ScienceLogic system, perform the following steps:

- 1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
- 2. If you have not already done so, *import the PowerPack*.
- 3. In the **PowerPack Manager** page, click the **[Actions]** menu and click *Install PowerPack*.

4. The **Imported PowerPacks** modal page appears, displaying a list of PowerPacks that have already been imported. The list displays:

ърс	orted PowerPacks™ PowerPack	Files I	Found	[298]			Reset
	PowerPack Name	Version	Revisio <u>n</u>	GUID	Last Edited	Imported •	
1	Event Association Test	1	1	DED1884762194566B70BCD4DF3A742 20			43:00 🖉 🗖
2	Event Suppression Test	1	1	EC64565DCA55E155135F91F81F44D8-20			
	SLPSD: Onboarding	0.20000		E121312B60972ED35BEDA19E88D195 20			
	SL PS Cisco 3rd Party Device Support	1.39999		8B78EDB3A373B2D187ECEAE2545744 20			
5.	NetApp Base Pack	7.7.0	6873	8014D5DAD2B8C9AC3E1DD84CC227E20	015-10-21 13:3	1:47 2015-10-29 14:	56:55 //
6.	Cisco: Contact Center Enterprise *BETA*	0.5	1119	7CC6AD933EFB4FF5D840EFEA40F85C 20	015-12-14 13:50):5(2015-10-29 14:	56:54 🥖 🗌
7.	EM7 Standard Device Categories	7.7.0	255	7A7322AA30F189B42943C082EFD712120	015-06-02 18:30):5€ 2015-10-29 14:	56:54 📝 🔽
8.	BL Test	1	2	74F7E816CF0FC9153700D2AF0982C2	015-10-29 10:50	6:112015-10-29 10:	56:06 🥖 🕅
9.	BL Test	1	1	74F7E816CF0FC9153700D2AF0982C2 20	015-10-29 10:56	3:112015-10-29 10:	54:18 🥖 🥅
10.	Microsoft: Office 365 *BETA*	0.5	138	8FA30F7D1FAC9162DD8C717D9EF778		2015-10-20 16:	44:37 🥖 🗖
11.	NetApp Base Pack	7.7.0	6838	8014D5DAD2B8C9AC3E1DD84CC227E20	015-10-21 13:3 [.]	1:47 2015-10-20 16:	44:37 🥖 🕅
12.	Cisco: Contact Center Enterprise *BETA*	0.5	1109	7CC6AD933EFB4FF5D840EFEA40F85C 20	015-12-14 13:50):5(2015-10-20 16:	44:36 🥖 🕅
13.	EM7 Default Internal Events	7.7.0	316	BE1F363DB4BA9A10F5C6BC28931F0B 20	015-10-28 13:20	5:25 2015-10-20 16:	44:36 🥖 🕅
14.	F5 BIG-IP *BETA*	7.7.0	3242	BFA4E6B316FD2302D913EF38FE7FF8220	015-10-28 13:20	5:27 2015-10-20 16:	44:36 🥖 🥅
15.	Microsoft: Office 365 *BETA*	0.5	136	8FA30F7D1FAC9162DD8C717D9EF778		2015-10-14 15:	:12:24 🥖 🥅
16.	Cisco: Contact Center Enterprise *BETA*	0.5	1022	7CC6AD933EFB4FF5D840EFEA40F85C 20	015-12-14 13:50):5(2015-10-14 15:	12:2: 🥖 🕅
17.	Microsoft Base Pack	7.7.0	868	97469E96E98B5DAB516F3CCC8747CE 20	015-10-28 13:26	5:26 2015-10-13 12:	47:54 🥖 🥅
18.	EM7 Default Internal Events	7.7.0	315	BE1F363DB4BA9A10F5C6BC28931F0B 20	015-10-28 13:20	5:25 2015-10-13 12:	47:54 🥖 🕅
19.	NetApp Base Pack	7.7.0	6792	8014D5DAD2B8C9AC3E1DD84CC227E20	015-10-21 13:3	1:47 2015-10-13 12:	47:54 🥖 🔲

- PowerPack Name. Name of the PowerPack.
- Version. Version of the PowerPack. This number is user-defined and manually incremented by the PowerPack author.
- *Revision*. The revision number for the PowerPack.
- **GUID**. Unique identifier for the PowerPack. This number is unique across all ScienceLogic appliances.
- Last Edited. Date and time the PowerPack was last imported or updated.
- Imported. Date and time the PowerPack was imported.
- Lightning-bolt icon (*I*). Click this icon to install a single PowerPack.
- Checkbox (2). Click the checkbox and use the Select Action menu to install multiple PowerPacks simultaneously.
- 5. In the **Imported PowerPack** modal page, click the lightning-bolt icon (*F*) for the PowerPack that you want to install.

6. After selecting a PowerPack, the Install PowerPack modal page appears. The page displays:

uon	created: 2013-05-07 18:25:09	2B8C9AC3E1DD84CC22 Updated: 2015-10-19 1		
Pack	kage Content			ł
	Dynamic Application	Version	n GUID	Action
1.	NetApp: Aggregate Config 7-Mode	2	170DC0D155C79881FF769D3449659A4	update
2.	NetApp: Aggregate Config C-Mode	2	8057F1F96B07C4049368C371B294343E	update
3.	NetApp: Aggregate Discovery 7-Mode	2.1	3F0B9F12E8F6A0B9EA91CE5382DA0DE	update
4.	NetApp: Aggregate Discovery C-Mode	2.2	A665F0DFDA248991A552FDBA59CAFA1	update
5.	NetApp: Aggregate Size 7-Mode	2	CEEC5BC48076F76704D3F31178D1A01	update
6.	NetApp: Aggregate Size C-Mode	2	3B84511F17F64E3C191AE298708E0DC	update
7.	NetApp: Aggregate Stats 7-Mode	2	DD57A7718C8B50919C41906A2153A83	update
8.	NetApp: Aggregate Stats C-Mode	2.2	BB4D675BBB770094F163E75981590C0	update
9.	NetApp: CIFS Stats 7-Mode	2	DA4A4A1B4925F8955C1C716DD5B48B/	update
10.	NetApp: CIFS Stats C-Mode	2	EBF75133C6F7C56EA1469C2DD944D5I	update ,

- PowerPack Name. Name of the PowerPack.
- Version. Version number for the PowerPack. You can enter any combination of characters in this field. You must manually update this field to change the version number.
- Package Information. Displays information about the PowerPack, including:
 - *GUID*. Unique identifier for the PowerPack. This number is unique across all ScienceLogic appliances.
 - *Revision*. The revision number for the PowerPack.
 - *Exported From.* If possible, displays the name and build ID of the version where the PowerPack was exported.
 - Created. Date and time the PowerPack was created.
 - Updated. Date and time the PowerPack was last edited.
 - Compiled. Date and time the PowerPack was last built.
- **Package Content**. This pane displays a list of content items contained in the PowerPack and the action that the platform will perform for each content item when the PowerPack is installed.
 - Content Item Name. Name of the content item.
 - Version. Version number of the content item.

- *GUID*. Unique identifier for the content item. This number is unique across all ScienceLogic appliances in your system.
- Action. When you install a PowerPack, the platform will perform one of the following actions for each content item included in the PowerPack:
 - Install. The content item is not currently installed on your ScienceLogic system. When you
 install the PowerPack, the platform will add the content item to your system.
 - Update. The PowerPack you are installing is currently installed in your ScienceLogic system, and the content item is currently installed on your ScienceLogic system and still included in the PowerPack you are installing. When you install the PowerPack, the platform will replace the currently installed version of the content item with the new version of the content item. The platform will preserve the relationship the content item has to other entities in your system. For example, if a Dynamic Application is updated during the installation of a PowerPack, the Dynamic Application will remain aligned to devices with the same credential alignments and device-specific threshold settings.
 - Ignore. The content item is currently installed on your ScienceLogic system, but is not currently associated with the PowerPack you are installing in your ScienceLogic system. This typically occurs when a user has removed the content item from the PowerPack in your ScienceLogic system. When you install the PowerPack, the platform will not modify the currently installed version of the content item nor add the new version of the content item to your ScienceLogic system.
- Installation Key. The Installation Key for the PowerPack.
 - If the actions that the platform will perform are acceptable, click the **[Install]** button to install the PowerPack.
 - The PowerPack will now appear in the **PowerPack Manager** page. All the items in the PowerPack will be automatically installed in your ScienceLogic system.
- 7. If the actions that the platform will perform are acceptable, click the **[Install]** button to install the PowerPack.
- 8. The PowerPack will now appear in the **PowerPack Manager** page. All the items in the PowerPack will be automatically installed in your ScienceLogic system.

Installing Multiple PowerPacks

To install multiple PowerPacks that have previously been imported to your ScienceLogic system, perform the following steps:

- 1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
- 2. If you have not already done so, import the PowerPack.
- 3. In the PowerPack Manager page, click the [Actions] menu and click Install PowerPack.

4. The **Imported PowerPacks** modal page appears, displaying a list of PowerPacks that have already been imported. The list displays:

	PowerPack Name	Version	Revisio n	GUID	Laet	Edited	Importe	d.	_ _
			<u>"</u>		All			<u> </u>	
	Event Association Test	4	4	DED1884762194566B70BCD4DF3A742 2		40.00.40.0		00:42:00	
	Event Association Test	1	1	EC64565DCA55E155135F91F81F44D8-2					
		1		E121312B60972ED35BEDA19E88D195 2					
	SLPSD: Onboarding SL_PS Cisco 3rd Party Device Support	0.2000		8B78EDB3A373B2D187ECEAE2545744 2					
	NetApp Base Pack	7.7.0	6873	8014D5DAD2B8C9AC3E1DD84CC227E2					
	Cisco: Contact Center Enterprise *BETA*		1119	7CC6AD933EFB4FF5D840EFEA40F85C2					
	EM7 Standard Device Categories	7.7.0	255	7A7322AA30F189B42943C082EFD71212					
	BL Test	1	2	74F7E816CF0FC9153700D2AF0982C22					
	BL Test			74F7E816CF0FC9153700D2AF0982C212	015-10-	29 10:56:1			
	Microsoft: Office 365 *BETA*	0.5	138	8FA30F7D1FAC9162DD8C717D9EF778			2015-10-20		
	NetApp Base Pack	7.7.0	6838	8014D5DAD2B8C9AC3E1DD84CC227E2					
	Cisco: Contact Center Enterprise *BETA*		1109	7CC6AD933EFB4FF5D840EFEA40F85C2					
	EM7 Default Internal Events	7.7.0	316	BE1F363DB4BA9A10F5C6BC28931F0B 2					
	F5 BIG-IP *BETA*	7.7.0	3242	BFA4E6B316FD2302D913EF38FE7FF822	015-10-	28 13:26:2			
	Microsoft: Office 365 *BETA*	0.5	136	8FA30F7D1FAC9162DD8C717D9EF778			2015-10-14		
	Cisco: Contact Center Enterprise *BETA*		1022	7CC6AD933EFB4FF5D840EFEA40F85C2					
	Microsoft Base Pack	7.7.0	868	97469E96E98B5DAB516F3CCC8747CE2					
18.	EM7 Default Internal Events	7.7.0	315	BE1F363DB4BA9A10F5C6BC28931F0B 2					
19.	NetApp Base Pack	7.7.0	6792	8014D5DAD2B8C9AC3E1DD84CC227E2	015-10-	21 13:31:4	72015-10-13	12:47:54	/L ,

- PowerPack Name. Name of the PowerPack.
- Version. Version of the PowerPack. This number is user-defined and manually incremented by the PowerPack author.
- *Revision*. The revision number for the PowerPack.
- **GUID**. Unique identifier for the PowerPack. This number is unique across all ScienceLogic appliances.
- Last Edited. Date and time the PowerPack was last imported or updated.
- Imported. Date and time the PowerPack was imported.
- Lightning-bolt icon (). Click this icon to install a single PowerPack.
- Checkbox (I). Click the checkbox and use the Select Action menu to install multiple PowerPacks simultaneously
- 5. In the **Imported PowerPacks** modal page, click the checkbox for each PowerPack that you want to install. To select all checkboxes for all PowerPacks, click the checkbox (🗹) at the top of the page.
- 6. In the **Select Action** drop-down list, click Install PowerPacks.
- 7. Click the **[Go]** button.

8. The **PowerPack Installation** modal page appears and displays the status of the installation.

Pow	verPack Installer	
Pow	verpack Installation Session Complete	
	Log Message	Status
1.	Starting PowerPack Installation	Installing
2.	Installing NetApp Base Pack - PowerPack installed	Success 📝
3.	Installing EM7 Standard Device Categories - PowerPack installed	Success 📝
4.	Powerpack Installation Complete	Complete

• To view details about each installed PowerPack or to enter an Installation Key, click the lightning-bolt

icon (\checkmark). The **Install PowerPack** modal page appears. You can exit this page without performing any actions, and the PowerPacks are still automatically installed on your system. For a description of the **Install PowerPack** modal page, see the section on *Installing a Single PowerPack*.

- If the installation is successful, the selected PowerPacks are installed on your system.
- Each PowerPack will now appear in the **PowerPack Manager** page. All the items in each PowerPack will be automatically installed in your ScienceLogic system.

Checking the Status of Installed Content

To check on the status of the installed content after one or more PowerPacks are installed:

- To check the status of any installed event policies, look for the event policies in the **Event Policy Manager** page (Registry > Events > Event Manager).
- To check the status of any installed Dynamic Applications, look for the Dynamic Applications in the **Dynamic Applications Manager** page (System > Manage > Applications).
- To view any installed device classes, look for the device classes in the Device Class Editor page (System > Customize > Device Classes).
- To check the status of any installed device templates, look for the device template in the **Configuration Templates** page (Registry > Devices > Templates).

- To view any installed custom reports, look for the report in the **Run Quick Report** page (Reports > Create Report > Quick Report), in the Run Quick Report drop-down list.
- To check the status of any installed custom dashboard widgets, look for the widgets in the **Dashboard Widgets** page (System > Customize > Dashboard Widgets).
- To check the status of any installed custom run book policies, look for run book policies in the **Automation Policy Manager** page (Registry > Run Book > Automation).
- To check the status of any installed custom run book actions, look for run book actions in the **Action Policy Manager** page (Registry > Run Book > Actions).
- To view any installed custom ticket templates, look for ticket templates in the **Ticket Templates** page (Registry > Ticketing > Templates).
- To check the status of any installed credentials, look for credentials in the **Credential Management** page (System > Manage > Credentials).
- To check the status of any installed Proxy XML Transformation, look for Proxy XML Transformation in the **Proxy XSL Transformations** page (Registry > Web Proxies > Proxy XSL Transformations).
- To view any installed UI Themes, look for Themes in the **Theme Management** page (System > Customize > Themes).
- To check the status of any installed IT service policies, look for IT service policies in the **IT Service Manager** page (Registry > IT Services > IT Service Manager).
- To check the status of any installed device categories, look for device categories in the **Device Category Editor** page (System > Customize > Device Categories).
- To check the status of any installed device dashboards, look for device dashboards in the **Device Dashboards** page (System > Customize > Device Dashboards).
- To check the status of any installed collection labels, look for collection labels in the **Collection Labels** page (System > Manage > Collection Labels).

NOTE: If there are any credentials that had specific organization alignments in the installed PowerPack, you will need to go to the **Credential Management** page (System > Manage > Credentials) to align the credentials to their appropriate organizations. To learn more about aligning credentials to an organization, see the **Discovery and Credentials** manual.

NOTE: The ScienceLogic platform will automatically disable the **Organization** field in all Device Templates in the installed PowerPack. To learn more about Device Templates, see the **Device Groups and Device Templates** manual. **CAUTION:** When you delete a PowerPack, the ScienceLogic platform automatically deletes the associated content and all data associated with it from the ScienceLogic system. For example, if a PowerPack includes a Dynamic Application, when you delete the PowerPack, the Dynamic Application is removed from the platform. If you go to the **Dynamic Applications Manager** page (System > Manage > Applications), that Dynamic Application will not appear. In addition, all data collected from all devices with that Dynamic Application will also be deleted. If you must delete a PowerPack but want to keep the installed content, you should first remove the content from the PowerPack. This is described in the *Editing a PowerPack* chapter, in the section *Removing Content from a PowerPack*. To remove content from a PowerPack, you must either have administrator/owner privileges for the PowerPack, or you must be the creator of the PowerPack. For details on privileges associated with PowerPacks, see the chapter on **Creating a PowerPack**.

Viewing the List of PowerPacks

The **PowerPack Manager** page (System > Manage > PowerPacks) displays the list of existing PowerPacks. The page includes all PowerPacks that you have imported, installed, or created via the user interface or the ScienceLogic API.

								Dashbd									
PowerPack ^{me} Name •	Version	Publisher	Apps	Events	Classes	Reports	Widgets		Actions	Creds	Tckt Tpl	XSLT	Dev Tp		Edited By	Last Edited	
)[All	1
3Com Base Pack	1	ScienceLogic, Inc.			298						21			1	em7admin	2015-05-14 11:24:52	
ADIC Base Pack	1.2	ScienceLogic, Inc.	22	24	23									2	em7admin	2015-05-14 11:24:53	16
Alcatel-Lucent Base Pack	1	ScienceLogic, Inc.			233									4	em7admin	2015-05-14 11:24:54	
Alteon Base Pack	1.3	ScienceLogic, Inc.	23	25	26									5	em7admin	2015-05-14 11:24:54	i R
Amazon Web Services	7.7.0	ScienceLogic, Inc.	2 144	271	294	23		220		21				6	em7admin	2015-10-14 14:47:57	
APC Base Pack	7.3.6	ScienceLogic, Inc.	29	27	2 30									3	em7admin	2015-05-14 11:24:53	i R
Arista Networks: Base	1.0	ScienceLogic, Inc.			265									153	em7admin	2015-09-04 11:37:45	
Aruba Base Pack	1.1	ScienceLogic, Inc.	23											7	em7admin	2015-05-14 11:24:59	/ R
Ascend Communication Base Pack	1	ScienceLogic, Inc.			2 19									8	em7admin	2015-05-14 11:24:59	
AskEM7 Query Widgets	7.2.3	ScienceLogic, Inc.					23							9	em7admin	2015-05-14 11:24:59	1
Attachmate Base Pack	1.1	ScienceLogic, Inc.			213									10	em7admin	2015-05-14 11:24:59	16
Avaya Base Pack	7.3.5	ScienceLogic, Inc.			243									11	em7admin	2015-05-14 11:25:00	
Avocent ACS Pack	7.3.6	ScienceLogic, Inc.	24		-									12	em7admin	2015-05-14 11:25:00	16
Avocent Base Pack	1.1	ScienceLogic, Inc.	23		26									13	em7admin	2015-05-14 11:25:00	1
BL Test	1	BL	-											156	em7admin	2015-10-29 10:56:11	1 E
Blue Coat Base Pack	1.2	ScienceLogic, Inc.	21	22	2 10									15	em7admin	2015-05-14 11:25:02	í F
BlueCat Base Pack	1.1	ScienceLogic, Inc.	22											14	em7admin	2015-05-14 11:25:00	
Brocade Base Pack	7.3.6	ScienceLogic, Inc.	25	2112	215									16	em7admin	2015-05-14 11:25:04	12
Cabletron Systems Base Pack	1	ScienceLogic, Inc.			2 15									17	em7admin	2015-05-14 11:25:05	
Cisco CM Power-Pack	7.5.1	ScienceLogic, Inc.	236	2167	219	21	23			21				19	em7admin	2015-05-14 11:25:10	
Cisco IPSLA	7.3.6	ScienceLogic, Inc.	2 10	2161	-	-				211				20	em7admin	2015-05-14 11:25:13	
Cisco Nexus	7.6.1	ScienceLogic, Inc.	2 63	234	2 53			21		22				21	em7admin	2015-10-06 10:42:39	
Cisco Unity Pack	1.2	ScienceLogic Inc.	212	216										22	em7admin	2015-05-14 11:25:19	
Cisco VPN Pack	1.1	ScienceLogic, Inc.	22											23	em7admin	2015-05-14 11:25:19	
Cisco: ACI	0.5	ScienceLogic Inc.	2 42	27	220			218	22	23			211	142	em7admin	2015-11-24 14:03:02	
Cisco: ACI Dashboards	0.5	ScienceLogic, Inc.	7 1 1	<i>2</i> ,	20		-	218	<i>7</i>	<i>2</i> , 5		-	<u>,</u>	151	em7admin	2015-07-31 17:22:49	
Cisco: Base Pack	7.6.1	ScienceLogic, Inc.	2 11	2125	21403					212				18	em7admin	2015-10-06 10:42:33	
Cisco: Contact Center Enterprise	0.5	ScienceLogic, Inc.	2154	2133	2 19					<i>2</i>				162	em7admin	2015-12-14 13:50:50	
Cisco: CUCM Cisco Unified Communications Manager	1.0	ScienceLogic, Inc.	21112	2131	2152			2123		211			211	149	em7admin	2015-08-28 14:28:51	
Cisco: CUCM Dashboards	1.0	ScienceLogic, Inc.	2 112					228						150	em7admin	2015-08-03 13:38:00	
Cisco: TelePresence: Endpoints	7.7.0	ScienceLogic, Inc.	210	2185	2147									24	em7admin	2015-10-28 13:26:18	
Cisco: TelePresence: Infrastructure	7.3.4	ScienceLogic, Inc.	20	223	2 15	-								25	em7admin	2015-05-14 11:25:27	
Cisco: TelePresence: Traps	7.3.4	ScienceLogic, Inc.	×120	2371										26	em7admin	2015-05-14 11:25:28	
Cisco: UCS	7.5.5	ScienceLogic, Inc.	244	2 57	29					21			21	27	em7admin	2015-06-02 18:30:52	
Citrix Base Pack	7.3.6	ScienceLogic, Inc.	2 12	2 18	<i>e</i> •	-			-	<i>,</i>			<i>•</i>	28	em7admin	2015-05-14 11:25:30	

For each PowerPack, the **PowerPack Manager** page displays the following:

- PowerPack Name. Name of the PowerPack.
- Version. Version of the PowerPack. This number is defined and manually incremented by the author of the PowerPack.

- **Update**. Indicates whether an updated version of the PowerPack has been loaded onto the system by a patch. Possible values are Yes or No. This column is displayed only if at least one updated PowerPack has been loaded onto the system and has not yet been installed.
- **Publisher**. User-defined value that specifies the author of a PowerPack. For example, PowerPacks from ScienceLogic will include the value "ScienceLogic" in this field.
- Apps. Number of Dynamic Applications in the PowerPack.
- Events. Number of event policies in the PowerPack.
- Classes. Number of device classes in the PowerPack.
- **Reports**. Number of custom reports in the PowerPack.
- Widgets. Number of dashboard widgets in the PowerPack.
- Dashbds. Number of dashboards in the PowerPack.
- Actions. Number of run book actions in the PowerPack.
- Creds. Number of credentials in the PowerPack.
- Tckt Tpl. Number of ticket templates in the PowerPack.
- XSLT. Number of Proxy XSL Transformations in the PowerPack.
- Dev Tpl. Number of device templates in the PowerPack.
- *ID*. Numeric ID for the PowerPack, generated by the platform.
- Edited By. User who created or last edited the PowerPack.
- Last Edited. Date and time the PowerPack was created or last edited.

Customizing the Display of the PowerPack Manager Page

You can customize the display of the **PowerPack Manager** page by hiding the header bar and/or the Navigation Bar.

C .:	La seta		CTRIAL LICENSE: 6T DATS R	EMAINING													Logged in as em7adn
Science																	Finder
Inbox Dashbo:	ards <u>V</u> iews <u>E</u> vents <u>L</u> ickets <u>K</u> now	ledge Rep <u>o</u> r	s <u>R</u> egistry <u>Sy</u> stem	Prefere	nces												
anage	PowerPack [™] Manager PowerPacks [™] Found [163]																Actions Reset
Applications																	
Collection Labels	PowerPack ^m Name •	Version	Publisher			Classes			Dashbd			Tckt Tpl	NOT T			Edited By	Last Edited
Credentials Custom Attributes	PowerPack-mame -	version	Publisher	Apps	Events	Classes	Repons	s widden		Actions	Creas	Test Tpl	ASLI			Edited By	Al
Discovery																	
Log File Monitoring	1. P 3Com Base Pack 2. P ADIC Base Pack	1	ScienceLogic, Inc.	-		2298	-		-			21	-	-	1	em7admin em7admin	2015-05-14 11:24:52 2015-05-14 11:24:53
Policies	2. PADIC Base Pack 3. PAlcatel-Lucent Base Pack	1.2	ScienceLogic, Inc. ScienceLogic, Inc.	22	24	23							-		2	em/admin em/admin	2015-05-14 11:24:53
PowerPacks	A Alteon Base Pack A Alteon Base Pack	1.3	ScienceLogic, Inc. ScienceLogic, Inc.	23	25	2 53									4	em/admin em7admin	2015-05-14 11:24:54
Screens	 Amazon Web Services 	7.7.0	ScienceLogic, Inc.	2 144		2194	213		2120		21	-			6	em7admin	2015-10-14 11:24:54
Access Hooks	6. PAPC Base Pack	7.3.6	ScienceLogic, Inc.	219	2127	2130	20		2020		21				2	em7admin	2015-05-14 11:24:53
Access Keys	7. PArista Networks: Base	1.0	ScienceLogic, Inc.	-	-	2165									153	em7admin	2015-09-04 11:37:45
tomize	8. PAruba Base Pack	1.1	ScienceLogic, Inc.	23		-								-	7	em7admin	2015-05-14 11:24:59
ings	9. Ascend Communication Base Pack	1	ScienceLogic Inc.			2119									8	em7admin	2015-05-14 11:24:59
la la	10. AskEM7 Query Widgets	723	ScienceLogic, Inc.					213							9	em7admin	2015-05-14 11:24:59
	11. Attachmate Base Pack	1.1	ScienceLogic, Inc.			2113		-	-			-			10	em7admin	2015-05-14 11:24:59
iitor	12. 🤌 Avava Base Pack	7.3.5	ScienceLogic, Inc.			243						-			11	em7admin	2015-05-14 11:25:00
	13. PAvocent ACS Pack	7.3.6	ScienceLogic, Inc.	24											12	em7admin	2015-05-14 11:25:00
	14. Avocent Base Pack	1.1	ScienceLogic, Inc.	23		216									13	em7admin	2015-05-14 11:25:00
	15. 🤌 BL Test	1	BL												155	em7admin	2015-10-29 10:56:11
	16. 🥜 Blue Coat Base Pack	1.2	ScienceLogic, Inc.	21	22	210									15	em7admin	2015-05-14 11:25:02
	17. 🤌 BlueCat Base Pack	1.1	ScienceLogic, Inc.	22					-			-			14	em7admin	2015-05-14 11:25:00
	18. 🤌 Brocade Base Pack	7.3.6	ScienceLogic, Inc.	25	212	25	-	-	-	-	-		-	-	16	em7admin	2015-05-14 11:25:04
	19. 🥜 Cabletron Systems Base Pack	1	ScienceLogic, Inc.			215									17	em7admin	2015-05-14 11:25:05
	20. A Cisco CM Power-Pack	7.5.1	ScienceLogic, Inc.	238	267	29	21	23	-		21				19	em7admin	2015-05-14 11:25:10
	21. P Cisco IPSLA	7.3.6	ScienceLogic, Inc.	210	261	-		-	-	-	21	-			20	em7admin	2015-05-14 11:25:13
	22. 🤌 Cisco Nexus	7.6.1	ScienceLogic, Inc.	263	234	253			21		22				21	em7admin	2015-10-06 10:42:39
	23. P Cisco Unity Pack	1.2	ScienceLogic, Inc.	22	26			-	-	-	-	-			22	em7admin	2015-05-14 11:25:19
	24. PCisco VPN Pack	1.1	ScienceLogic, Inc.	22								-		-	23	em7admin	2015-05-14 11:25:19
	25. P Cisco: ACI 26. P Cisco: ACI Dashboards	0.5	ScienceLogic, Inc.	242	27	220			28	22	23	-		21	142	em7admin	2015-11-24 14:03:02 2015-07-31 17:22:49
	20. P Cisco: Aci Dashboards 27. P Cisco: Base Pack	0.5	ScienceLogic, Inc. ScienceLogic, Inc.		2125	211403			28						151	em7admin em7admin	2015-07-31 17:22:49 2015-10-06 10:42:33
	27. J Cisco: Base Pack 28. J Cisco: Contact Center Enterprise	0.5	ScienceLogic, Inc. ScienceLogic, Inc.	211	23	2 1403					<u>/</u> 2					em/admin em7admin	2015-10-06 10:42:33 2015-12-14 13:50:50
	28. P Cisco: CUCM Cisco Unified Communications Manager	1.0	ScienceLogic, Inc.	2 112		2152			2123	-		-	-		149	em7admin	2015-08-28 14:28:51
	 P Cisco: CUCM Cisco United Communications Manager P Cisco: CUCM Dashboards 	1.0	ScienceLogic, Inc.	2112	2 131	202			2120		201				150	em7admin	2015-08-03 13:38:00
	31. P Cisco: TelePresence: Endpoints	7.7.0	ScienceLogic, Inc.	2110	2185	2147			20						24	em7admin	2015-10-28 13:26:18
	32. P Cisco: TelePresence: Infrastructure	7.3.4	ScienceLogic, Inc.	220	223	215									25	em7admin	2015-05-14 11:25:27
	33. @Cisco: TelePresence: Traps	7.3.6	ScienceLogic, Inc.		21371										26	em7admin	2015-05-14 11:25:28
	34. P Cisco: UCS	7.5.5	ScienceLogic, Inc.	244	2157	219		-		-	21			21	27	em7admin	2015-06-02 18:30:52
	35. 9 Citrix Base Pack	7.3.6	ScienceLogic, Inc.	212		-					-	-		-	28	em7admin	
							_	_						_			2015-05-14 11:25:30

- To hide or unhide the header bar, click on the arrow in the top right of the **PowerPack Manager** page (above the **[Guide]** button).
- To hide or unhide the Navigation Bar, click on the arrow button in the bottom left of the **PowerPack Manager** page (next to the **Find** field).

Filtering the List of PowerPacks

The **PowerPack Manager** page includes 15 filters (the column headings in the page). You can filter the list of PowerPacks by one or multiple of these parameters. Only PowerPacks that meet all the filter criteria will be displayed in the **PowerPack Manager** page.

You can filter by one or more of the following parameters. The list of PowerPacks is dynamically updated as you select each filter.

- For each filter except *Last Edited* and *Update*, you must enter text to match against. The platform will search for PowerPacks that match the text, including partial matches. Text matches are not case-sensitive. You can use the following special characters in each filter:
 - , Specifies an "or" operation. For example:

"dell, micro" would match all values that contain the string "dell" OR the string "micro".

• ! Specifies a "not" operation. For example:

"!dell" would match all values that do not contain the string "dell".

You can use the following filters in the **PowerPack Manager** page:

								Dashbd									п.
PowerPack [™] Name -	Version	Publisher	Apps	Events	Classes	Reports	Widgets		Actions	Creds	Tckt Tpl	XSLT	Dev Tp		Edited By	Last Edited	
][]][]	All	J
P 3Com Base Pack	1	ScienceLogic, Inc.			298						21			1	em7admin	2015-05-14 11:24:52	
ADIC Base Pack	1.2	ScienceLogic, Inc.	2 2	24	23			-	-		-			2	em7admin	2015-05-14 11:24:53	
PAlcatel-Lucent Base Pack	1	ScienceLogic, Inc.			233									4	em7admin	2015-05-14 11:24:54	
PAlteon Base Pack	1.3	ScienceLogic, Inc.	23	25	26									5	em7admin	2015-05-14 11:24:54	
Amazon Web Services	7.7.0	ScienceLogic, Inc.	2 144	271	294	23		22		21				6	em7admin	2015-10-14 14:47:57	
PAPC Base Pack	7.3.6	ScienceLogic, Inc.	29	27	2 30		-	-	-		-			3	em7admin	2015-05-14 11:24:53	
P Arista Networks: Base	1.0	ScienceLogic, Inc.			2 65									153	em7admin	2015-09-04 11:37:45	
P Aruba Base Pack	1.1	ScienceLogic, Inc.	23											7	em7admin	2015-05-14 11:24:59	
Ascend Communication Base Pack	1	ScienceLogic, Inc.			2 19									8	em7admin	2015-05-14 11:24:59	
AskEM7 Query Widgets	7.2.3	ScienceLogic, Inc.					23							9	em7admin	2015-05-14 11:24:59	
Attachmate Base Pack	1.1	ScienceLogic, Inc.			213									10	em7admin	2015-05-14 11:24:59	
Avaya Base Pack	7.3.5	ScienceLogic, Inc.			243		-							11	em7admin	2015-05-14 11:25:00	
Avocent ACS Pack	7.3.6	ScienceLogic, Inc.	24											12	em7admin	2015-05-14 11:25:00	
Avocent Base Pack	1.1	ScienceLogic, Inc.	23		26						-			13	em7admin	2015-05-14 11:25:00	
BL Test	1	BL												156	em7admin	2015-10-29 10:56:11	
Blue Coat Base Pack	1.2	ScienceLogic, Inc.	21	22	2 10									15	em7admin	2015-05-14 11:25:02	
BlueCat Base Pack	1.1	ScienceLogic, Inc.	22											14	em7admin	2015-05-14 11:25:00	
Brocade Base Pack	7.3.6	ScienceLogic, Inc.	25	2 12	215									16	em7admin	2015-05-14 11:25:04	
Cabletron Systems Base Pack	1	ScienceLogic, Inc.	-		2 15									17	em7admin	2015-05-14 11:25:05	
Cisco CM Power-Pack	7.5.1	ScienceLogic, Inc.	236	267	219	21	23			21				19	em7admin	2015-05-14 11:25:10	
Cisco IPSLA	7.3.6	ScienceLogic, Inc.	2 10	261	-	-	-			21				20	em7admin	2015-05-14 11:25:13	
Cisco Nexus	7.6.1	ScienceLogic, Inc.	263	234	2 53		-	21		22				21	em7admin	2015-10-06 10:42:39	
Cisco Unity Pack	1.2	ScienceLogic Inc.	22	216										22	em7admin	2015-05-14 11:25:19	16
Cisco VPN Pack	1.1	ScienceLogic, Inc.	22				-							23	em7admin	2015-05-14 11:25:19	16
Cisco: ACI	0.5	ScienceLogic, Inc.	2 42	27	20			28	22	213			21	142	em7admin	2015-11-24 14:03:02	
Cisco: ACI Dashboards	0.5	ScienceLogic, Inc.					-	218						151	em7admin	2015-07-31 17:22:49	10
Cisco: Base Pack	7.6.1	ScienceLogic, Inc.	2111	2125	21403			-		22				18	em7admin	2015-10-06 10:42:33	
Cisco: Contact Center Enterprise	0.5	ScienceLogic, Inc.	2154	233	2 19									162	em7admin	2015-12-14 13:50:50	
Cisco: CUCM Cisco Unified Communications Manager	1.0	ScienceLogic, Inc.	21112	2 131				2123		21			211	149	em7admin	2015-08-28 14:28:51	
Cisco: CUCM Dashboards	1.0	ScienceLogic, Inc.						228		-				150	em7admin	2015-08-03 13:38:00	
Cisco: TelePresence: Endpoints	7.7.0	ScienceLogic, Inc.	2 10	2185	247									24	em7admin	2015-10-28 13:26:18	16
Cisco: TelePresence: Infrastructure	7.3.4	ScienceLogic, Inc.	20	223	2 15									25	em7admin	2015-05-14 11:25:27	
Cisco: TelePresence: Traps	7.3.6	ScienceLogic, Inc.		2371										26	em7admin	2015-05-14 11:25:28	
Cisco: UCS	7.5.5	ScienceLogic, Inc.	2 44	2157	219					21		-	21	27	em7admin	2015-06-02 18:30:52	
Citrix Base Pack	7.3.6	ScienceLogic, Inc.	2 12		-					-			-	28	em7admin	2015-05-14 11:25:30	

- PowerPack Name. You can enter text to match, including special characters, and the PowerPack Manager page will display only PowerPacks that have a matching name.
- Version. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching version number.
- **Update**. Only those PowerPacks that match all the previously selected fields and have the specified update status will be displayed. The choices are:
 - All. Display all PowerPacks that match the other filters.
 - Yes. Display only PowerPacks for which an updated version has been loaded on to the ScienceLogic system and has not yet been installed.
 - No. Display only PowerPacks for which an updated version has not been loaded on to the ScienceLogic system.

- **Publisher**. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching publisher.
- Apps. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of Dynamic Applications.
- **Events**. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of event policies.
- **Classes**. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of device classes.
- **Reports**. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of reports.
- Widgets. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of dashboard widgets.
- **Dashbds**. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of dashboards.
- Actions. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of Run Book Actions.
- Creds. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of credentials.
- *Tckt Tpl*. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of ticket templates.
- XSLT. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching number of XSL Proxy Transformations.
- Dev Tpls. You can enter text to match, including special characters, and the PowerPack Manager page will display only PowerPacks that have a matching number of device templates.
- *ID*. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching ID.
- *Edited By*. You can enter text to match, including special characters, and the **PowerPack Manager** page will display only PowerPacks that have a matching username.
- Last Edited. Only those PowerPacks that match all the previously selected fields and have the specified "last edited" date will be displayed. The choices are:
 - All. Display all PowerPacks that match the other filters.
 - Last Minute. Display only PowerPacks that have been modified within the last minute.
 - Last Hour. Display only PowerPacks that have been modified within the last hour.
 - Last Day. Display only PowerPacks that have been modified within the last day.
 - Last Week. Display only PowerPacks that have been modified within the last week.
 - Last Month. Display only PowerPacks that have been modified within the last month.
 - Last Year. Display only PowerPacks that have been modified within the last year.

Viewing Documentation for a PowerPack

The PowerPack Documentation Files page allows you to view and download a document in a PowerPack.

Viewing a Document from the .em7pp File

If a PowerPack includes a document with a **Visibility** of Public, you can view that document before you import or install the PowerPack.

To view a document before you import or install a PowerPack:

- 1. Make sure the PowerPack file (ending in .em7pp) is available from your local computer.
- 2. Use an "unzip" utility to open the PowerPack file.
- 3. In the Documents directory, you can view all documents with a Visibility of Public.

Downloading a Document

If you are the author of a PowerPack or if you have installed a PowerPack and have access to the **PowerPack Documentation Files** page, you can download all documents included in the PowerPack, regardless of the *Visibility* assigned to each document.

To download documents that are included in a PowerPack:

- 1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
- 2. Find the PowerPack that contains the documents you want to download. Click its wrench icon (\checkmark).

3. In the PowerPack NavBar, go to *Manage PowerPack* and click *Documentation*. The **PowerPack Documentation Files** page appears.

▼ Manage PowerPack™	PowerPack™ Documentation Files			U	pload
Properties	File -	Visibility	Edited By	Modified	
Build / Export	1. Example_Document.docx	Private	em7admin	2016-01-11 11:30:24	
Features / Benefits		<u> </u>			
Technical Notes					
Documentation					
Contents					
Dynamic Applications					
Event Policies					
Device Categories					
Device Classes					
Device Templates					
Device Groups					
Reports					
Dashboard Widgets					
Dashboards					
Run Book Policies					
Run Book Actions					
Run Book Action Types					
Ticket Templates					
Credentials					
Credential Tests					
Proxy XSL Transformations					
UIThemes					
IT Services					
Log File Monitoring Policies					
AP Content Objects					

- 4. In the **PowerPack Documentation Files** page, find the document you want to download. Click its green floppy-disk icon (
- 5. You will be prompted to navigate to the path where you want to store the file.

System Settings that Affect PowerPacks

The following setting in the **Behavior Settings** page affects the behavior of the ScienceLogic system when you update or install PowerPacks.

To define or edit the setting that affects PowerPacks:

1. Go to the **Behavior Settings** page (System > Settings > Behavior).

ehavior Settings			Reset Guid
Interface URL	http://em7.mydomain.com	Enable CDP Topology	Enable LLDP Topology [BETA]
Force Secure HTTPS		Enable Community String Indexing (VLAN Topology) Default Country	
Password Expiration	[disabled]	<u> </u>	[United States]
Password Reset Interval	[None]	11	[[_UTC] •
Password Hash Method	[MD5 (legacy)]	NFS Detection Disable	
Password Minimum Length	8	Port Polling Type	[Half Open]
Account Lockout Type	[Lockout by Username (default)]	Initial Discovery Scan Level	[4. Advanced Port Discovery]
Account Lockout Attempts	[3 attempts]	Rediscovery Scan Level (Nightly)	[4. Advanced Port Discovery]
Login Delay	[Disabled]	Discovery Scan Throttle	[Disabled]
Single Instance Login (Admins)	[Disabled]	Port Scan All IPs	[1. Enabled]
Single Instance Login (Users)	[Disabled]	Port Scan Timeout	[120000 Msec.]
Account Lockout Duration		Restart Windows Services (Agent required)	[0. Disabled]
Lockout Contact Information	[1 hour]	Hostname Precedence	[SNMP System Name]
	800-SCI-LOGIC	Event Interface Name Format	{name}
Login Header Title		DNS Hostnames	[Strip Domain Name (Hostname)]
System Identifier		Event Clearing Mode	[Clear All in Group]
Ping & Poll Timeout (Msec.)	[1000]	Maintenance Minimum Severity	[0. Healthy]
SNMP Poll Timeout (Msec.)	[1000]	Patch Maintenance Minimum Severity	[0. Healthy]
SNMP Failure Retries	[1]	SSL Certificate Expiry Soon	[4 months]
Initially Discovered Interface Poll Rate	[5 minutes]	SSL Certificate Expiry Imminent	
DHCP Community Strings	public		[1week] •
(Comma seperated)		Asset Warranty Expiry	[1 month] •
Strip FQDN From Inbound Email Device Name	[Enabled]	Domain Name Expiry	[1 month] •
Inbound Email Alert Message	[Email Message Body Only]	Validate Phone Number	[Disabled]
Event Console Ticket Life Ring Button Behavior	[Create / View EM7 Ticket]	Dashboard Maximum Series Count Per Widget	[8] •
Automatic Ticketing Emails	[Enabled]	Prefer Global Device Summary Dashboard Over Category/Class	
Force Child Ticket State and Status inheritance		Enable CBOoS Collection	
Prevent Browser Saved Credentials	Display Previous Login In Footer	Enable Variable Rate Interface Counters	X
Prevent Loading Interface in External Frames	Ignore trap agent-addr varbind	11	
Hide Perpetual License Usage	Enable Selective PowerPack Field Protection		
Hide "New" button on the Ticket Editor	Hide "Create a Ticket" in Toolbox menu		
Hide "other" filesystem type	2		
	Sa	ave	

- 2. In the **Behavior Settings** page, edit the following:
 - Enable Selective PowerPack Field Protection. This field is disabled by default. If you select this field, when you update a PowerPack, the following fields will not be updated:
 - Event Policy > Operational State
 - Event Policy > Event Severity
 - Event Policy > Event Message
 - Event Policy > Occurrence Count
 - Event Policy > Occurrence Time
 - Event Policy > Expiry Delay
 - Event Policy > Detection Weight
 - Event Policy > Use multi-match
 - Event Policy > Use message-match
 - Event Policy > Topology Suppression
 - Dynamic Application > Properties > Operational State
 - Dynamic Application > Properties > Poll Frequency

- Dynamic Application > Properties > Disable Data Rollup
- Dynamic Application > Collection > Asset / Formlink
- Dynamic Application > Collection > Change Alerting
- Dynamic Application > Collection > Hide Object
- Dynamic Application > Presentation > Active State
- Dynamic Application > Threshold > Override Threshold Value
- Dynamic Application > Threshold > Numeric Range: High
- Dynamic Application > Threshold > Numeric Range: Low
- Dynamic Application > Threshold > Threshold Value
- Device Class > Device Dashboard
- 3. Click the [Save] button to save your changes.

Chapter

Creating a PowerPack

Overview

This chapter will describe how to create a PowerPack, add content to a PowerPack, how to add intellectual property protection to content in a PowerPack, generate a license key for a PowerPack, and how to export a PowerPack.

Caveats

If you have content (Dynamic Applications, event policies, device classes, device templates, custom reports, custom dashboard widgets, dashboards, custom run book policies, custom run book actions, custom ticket templates, credentials, proxy XSL transformations, themes, device categories, device dashboards, collection labels, or IT services) that you must install on another ScienceLogic system, you can create a PowerPack for that content. However, you must be aware of the following caveats:

- Content can be included in only a single PowerPack. For example, if you include the Dynamic Application "Cisco: Summary Statistics" in the PowerPack "networking_powerpack", you cannot include that Dynamic Application in another PowerPack.
- When you delete a PowerPack, the platform automatically deletes the associated content from the ScienceLogic system and all data associated with it. For example, if a PowerPack includes a Dynamic Application, when you delete the PowerPack, the Dynamic Application is removed from the platform. If you go to the **Dynamic Applications Manager** page (System > Manage > Applications), that Dynamic Application will not appear. In addition, all data collected from all devices with that Dynamic Application will also be deleted.
- If you must delete a PowerPack but want to keep the installed content, you should first remove the content from the PowerPack. This is described in the chapter *Editing a PowerPack*, in the section *Removing Content from a PowerPack*. To remove content from a PowerPack, you must either have administrator/owner privileges for the PowerPack or you must be the creator of the PowerPack. For details on privileges associated with PowerPacks, see the section on privileges in this chapter.

- If you want to include content in a second PowerPack, you must first remove the content from the first PowerPack. This is described in the chapter *Editing a PowerPack*, in the section *Removing Content from a PowerPack*. To remove content from a PowerPack, you must either have administrator/owner privileges for the PowerPack or you must be the creator of the PowerPack. For details on privileges associated with PowerPacks, see the *section on privileges* in this chapter.
- If you include organization-specific credentials in a PowerPack, the organization alignment for those credentials is not preserved by that organization when the PowerPack is installed in another ScienceLogic system. The credentials in a PowerPack will not be organization-specific in another ScienceLogic system.
- If a PowerPack specifies that a minimum version of the ScienceLogic platform is required for installation, you will receive an error message if you are running an earlier version of the platform and attempt to install the PowerPack.

Creating a PowerPack

To create a PowerPack, you must perform the following steps:

- In the **PowerPack Properties** page, create a container for the PowerPack.
- In the Embedded/Available page, add content to the PowerPack.
- Optionally, add documentation to the PowerPack.
- In the **Compiled PowerPacks / Generate Installation Key** page, build the PowerPack, grant privileges, and generate a license key.

These steps are described in the following sections.

NOTE: The following sections describe how to create PowerPacks using the user interface. In addition to the user interface, PowerPacks can also be created via the ScienceLogic API. PowerPacks created via the user interface will appear in the ScienceLogic API and vice versa. For information about creating PowerPacks via the ScienceLogic API, see the manual **Using the ScienceLogic API**.

Creating a Container for a PowerPack

To create a PowerPack, you must first define the basic properties and create the container. To do this:

- 1. Log in to the ScienceLogic platform.
- 2. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).

3. In the **PowerPack Manager** page, click the **[Actions]** button. Click Create New PowerPack. The **PowerPack Properties** page appears.

Create New PowerPack™	
▼ Manage PowerPack™	Properties
Properties	
Build / Export	Name Creation [em7admin [2018-07-23 08:59:53]
Features / Benefits	Version 1 Modification em7admin[2018-07-23 08:59:53]
Technical Notes	Publisher Revision 0
Documentation	i domante
 Contents 	Literise Key
Dynamic Applications	
Event Policies	Description Vendor(s) Supported
Device Categories	Model(s) Supported
Device Classes	Version(s) Supported
Device Templates	Minimum EM7 Version
Device Groups	
Reports	Release Notes and Change Log
Dashboard Widgets	Nicese notes and charge Log
Dashboards	B · Z B I U S A · Ti · ▲ · ¶ · Z · ≡ ≔ ≔ ≔ ≔ ≡ = ∞ ⊠ ■ Ø
Run Book Policies	
Run Book Actions	Start typing or drop image here
Run Book Action Types	Start typing of dop in age note
Ticket Templates	
Credentials	
Credential Tests	
Proxy XSL Transformations	· · · · · · · · · · · · · · · · · · ·
UI Themes	Save
IT Services	
Log File Monitoring Policies	
AP Content Objects	

- 4. In the **PowerPack Properties** page, supply values in each field.
 - Name. Name of the PowerPack.
 - Version. Version number for the PowerPack. You can enter any combination of characters in this field. You must manually update this field to change the version number.
 - **Publisher**. User-defined value that specifies the author of a PowerPack. For example, PowerPacks from ScienceLogic will include the value "ScienceLogic" in this field.

NOTE: The **Publisher** field can be edited only on the system where the PowerPack was created and only by accounts with the appropriate Access Keys.

• License Key. The license key for the PowerPack. This key identifies the PowerPack and the author to the platform and is updated each time you make a change to the PowerPack. The License Key confers owner privileges and allows you to import, edit properties and content, build, generate an install key, and export the PowerPack.

NOTE: Best practice is to safeguard the License Key for use only by the PowerPack creator and to generate Install Keys for other users of the PowerPack.

• **Creation**. Read-only field. The platform automatically supplies the date and time the PowerPack was created.

- **Modification**. Read-only field. The platform automatically supplies the date and time the PowerPack was last modified.
- **Revision**. Read-only field. The platform automatically supplies the number of revisions to the PowerPack.

NOTE: When you save the values in the **PowerPack Properties** page, the platform assigns the revision number "1" (one) to the PowerPack. When you add content and build the PowerPack (and optionally define privileges), the platform assigns the revision number "2" (two) to the PowerPack. A PowerPack that contains content will have a revision number of "2" (two) or greater.

- *ID*. Read-only field. The platform automatically supplies a numeric ID for the PowerPack. This numeric ID uniquely identifies the PowerPack on the current system.
- Description. Enter a detailed description of the PowerPack and its content.
- Vendor(s) Supported. Specify the vendor associated with the content in the PowerPack. For example, if a PowerPack includes the Dynamic Applications that monitor VMware devices, you could enter "VMware" in this field."
- Model(s) Supported. Specify the hardware or software model associated with the content in the PowerPack. For example, if a PowerPack includes Dynamic Applications that monitor Cisco Catalyst switches, you could specify "Catalyst 2950 and Catalyst 2960" in this field.
- Version(s) Supported. Specify the version of the hardware or software associated with the content in the PowerPack. For example, if a PowerPack includes Dynamic Applications that monitor Cisco CUCM, you could specify "Version 7 and Version 8" in this field.
- *Minimum EM7 Version*. Specify the earliest version of the ScienceLogic platform required by the PowerPack. If users try to install the PowerPack on earlier versions of the platform, an error message will appear.
 - You can enter any combination of numbers and periods. For example, you could enter "7.6.0".
 - If you leave this field blank, users can install the PowerPack on all versions of the ScienceLogic platform.
- **Release Notes and Change Log**. Include any detailed release notes or record of changes to the PowerPack. The editor allows you to format the text and include links and images in the text. You can also use a document template to apply a standard format to the text.
- 5. Click the **[Save]** button to save the PowerPack and any changes you have made.

Adding Content to a PowerPack

After you have saved the values in the **PowerPack Properties** page you can add content from the menu on the left. From this menu, you can start to add content to the PowerPack. To add content to the PowerPack, perform the following steps:

- If you do not already have the PowerPack open, go to the **PowerPack Manager** page (System > Manage > PowerPacks). Find the PowerPack you want to add content to. Click its wrench icon (^J).
- 2. From the **PowerPack Properties** page, select the type of content you want to add in the Navbar on the left side of the page.

Editing PowerPack™ Amaze	n Web Services
▼ Manage PowerPack™	Properties
Properties	
Build / Export	Name Amazon Web Services Creation [em7admin [2013-04-15 21:01:15]
Features / Benefits	Version 108 Modification [em7admin [2018-07-20 03:24:17]
Technical Notes	Publisher ScienceLogic, Inc. Revision 9931
Documentation	License Key KAtisRkhXAqCMsi2Uiqvl3bbGbWdfZ8CVITZ7cBDqfyHMc ID 35
 Contents 	
Dynamic Applications	Description This DowerDark supports monitoring of Vendor(s) Supported (Amazon Web Services, Inc.
Event Policies	Description This PowerPack supports monitoring of Amazon Web Services, Inc. Vendor(s) Supported Amazon Web Services, Inc. Model(s) Supported (Amazon Web Services
Device Categories	Amazon web service account acc
Device Classes Device Templates	Version § 5.0
Device Templates Device Groups	Minimum EW / Version (8.5.0
Reports	
Dashboard Widgets	Release Notes and Change Log
Dashboards Dashboards	
Run Book Policies	B I U S A· TI· ▲· ¶· Z· ≡ ≡ ≡ ≡ m· - % ☑ ■ Ø ◊
Run Book Actions	
Run Book Action Types	Version 108:
Ticket Templates	1. Fixed RDS discovery in AWS, GOV and China accounts.
Credentials	2. Fixed the incorrect matching between volumen Id and EC2 name in the EBS config report.
Credential Tests	3. Fixed EMR availability and the vanish functionality for EMR unavailable components.
Proxy XSL Transformations	4. Added AWS LightSail Service Discovery dynamic application.
I ransformations UI Themes	Save
UT nemes IT Services	
Log File Monitoring	
Policies	
AP Content Objects	
1	

3. In the Navbar panel on the left side of the page, you can select from the following options:

NOTE: The entries under the **Contents** link are dependent upon your Access Hooks. An entry appears only if you have been granted an Access Key that contains the Access Hook that allows you to view the content-type in the platform. For example, the **Dynamic Applications** entry will appear under the **Contents** link only if you have permission to view the list of Dynamic Applications in the **Dynamic Applications** in the **Dynamic Applications**.

Dynamic Applications. Displays the Embedded/Available page, where you can view a list of Dynamic Applications that can be removed from and added to the PowerPack. To add, click the lightning bold icon (
). To remove, click the bomb icon (
).

NOTE: Event policies associated with Dynamic Application alerts do not appear in the **Available** pane, and cannot be explicitly added to a PowerPack. When a Dynamic Application is added to a PowerPack, any event policies associated with the Dynamic Application are automatically added to the PowerPack. Automatically added event policies will appear in the **Embedded** pane when Event Policies is selected in the NavBar.

NOTE: If an event policy is included in a PowerPack and has the **Use Modifier** checkbox selected, when the event policy is installed on another ScienceLogic system, the event policy will have the **Use Modifier** checkbox selected.

- Device Classes. Displays the Embedded/Available page, where you can view a list of device classes that can be removed from and added to the PowerPack. To add, click the lightning bolt icon (\$\vec{I}\$). To remove, click the bomb icon (\$\vec{I}\$).
- Device Templates. Displays the Embedded/Available page, where you can view a list of device templates that can be removed from and added to the PowerPack. To add, click the lightning bold icon (\$\vec{V}\$). To remove, click the bomb icon (\$\vec{V}\$).
- Device Groups. Displays the Embedded/Available page, where you can view a list of dynamic device groups that can be removed from and added to the PowerPack. To add, click the lightning bold icon (\$\vec{V}\$). To remove, click the bomb icon (\$\vec{V}\$).
- Reports. Displays the Embedded/Available page, where you can view a list of reports that can be removed from and added to the PowerPack. To add, click the lightning bold icon (
). To remove, click the bomb icon (
).
- Dashboard Widgets. Displays the Embedded/Available page, where you can view a list of dashboard-widgets that can be removed from and added to the PowerPack. To add, click the lightning bold icon (
 To remove, click the bomb icon (

NOTE: If you include a Run Book Automation policy that executes one or more Run Book Action policies, you must also include those Run Book Action policies with the PowerPack.

- Run Book Actions. Displays the Embedded/Available page, where you can view a list of available run book actions that can be removed from and added to the PowerPack. To add, click the lightning bold icon (\$\vertic{\vertice{1}}\$). To remove, click the bomb icon (\$\vertice{1}\$).
- Run Book Action Types. Displays the Embedded/Available page, where you can view a list of available run book action types that can be removed from and added to the PowerPack. To add, click the lightning bold icon (\$\vec{F}\$). To remove, click the bomb icon (\$\vec{F}\$).
- Ticket Templates. Displays the Embedded/Available page, where you can view a list of Ticket Templates that can be removed from and added to the PowerPack. To add, click the lightning bold icon (\$\vec{I}\$). To remove, click the bomb icon (\$\vec{I}\$).
- Credential Tests. Displays the Embedded/Available page, where you can view a list of credential tests that can be removed from or added to a PowerPack. To add, click the lightning bold icon (\$\vec{I}\$). To remove, click the bomb icon (\$\vec{I}\$).
- Proxy XSL Transformations. Displays the Embedded/Available page, where you can view a list of Proxy XSL Transformations that can be removed from and added to a PowerPack. To add, click the lightning bold icon (\$\vertic{1}\$). To remove, click the bomb icon (\$\vertic{1}\$).
- UI Themes. Displays the Embedded/Available page, where you can view a list of UI Themes that can be removed from and added to the PowerPack. To add, click the lightning bolt icon (\$\vec{I}\$). To remove, click the bomb icon (\$\vec{I}\$).
- Log File Monitoring Policies. Displays the Embedded/Available page, where you can view a list of log file monitoring policies that can be removed from and added to the PowerPack. To add, click the lightning bolt icon (\$\vec{s}\$). To remove, click the bomb icon (\$\vec{s}\$).

AP Content Objects. Displays the Embedded/Available page, where you can view a list of AP content objects that can be removed from and added to the PowerPack. To add, click the lightning bolt icon (
). To remove, click the bomb icon (
). AP Content Objects are features, modules, and updates for the ScienceLogic new user-interface.

NOTE: A Dynamic Application, event policy, device category, device class, device template, device group, custom report, dashboard widget, dashboard, run book policy, run book action, run book action type, ticket template, credential, credential test, proxy XSL transformation, theme, IT service, log file monitoring policy, or AP content object can be included in only one PowerPack. For example, a Dynamic Application cannot be included in three different PowerPacks. If you want to include content in a second PowerPack, you must remove it from its original PowerPack.

4. The display in the **Embedded/Available** modal page depends on your selection from the NavBar pane:

Manage PowerPack™	Eml	edded Dynamic Applications [154]											
Properties		Dynamic Application Name •	IPP	Poll Rate	Туре	Version	Collects	Alerts	Events	Thresh.	ID	Edited By	Last Edit	
Build / Export	1		All 🔻		All 🔻								All	v
Features / Benefits	1.	AWS Account Discovery	disabled	5 min.	Snippet Configuration	1	26				520	em7admin	2018-07-20 03:24:19	6
Technical Notes	2.	AWS Application ELB Instance	disabled	5 min.	Snippet Configuration	1	24				562	em7admin	2018-07-20 03:24:23	
Documentation	3.	AWS Application ELB Instance	disabled	5 min.	Snippet Configuration	1	26				561	em7admin	2018-07-20 03:24:23	
Contents		AWS Application ELB Instance	odisabled	5 min.	Bulk Snippet Performa		N 11	<i></i> 4	<i></i> 4	<u>/</u> 2	563	em7admin	2018-07-20 03:24:23	
Dynamic Applications		AWS Auto Scale Group Discove	disabled	5 min.			24				565	em7admin	2018-07-20 03:24:23	
Event Policies		AWS Auto Scale Group Instanc	disabled	5 min.	Snippet Configuration		23				566	em7admin	2018-07-20 03:24:23	
Device Categories	7.		disabled	5 min.			28				567	em7admin	2018-07-20 03:24:23	
5	8.	AWS Auto Scale Launch Config	disabled	5 min.	Snippet Configuration		24				568	em7admin	2018-07-20 03:24:23	
Device Classes	9.	AWS Auto Scale Launch Config	disabled	5 min.			2 14				569	em7admin	2018-07-20 03:24:23	
Device Templates Device Groups	10.	AWS Auto Scale Service Discov	odisabled	5 min.	Snippet Configuration	1	2 2				564	em7admin	2018-07-20 03:24:23	
Run Book Policies Run Book Actions		Dynamic Application Name		Poll Rate	Type	Version	Collects	Alerts	Events	Thresh.	ID	Edited By	Last Edit	
		27 Harris / Walkard I Harris					0010000					Lanco Ly	LOST COR	
					All 🔻							<u>Editod Dy</u>	All	۲
Run Book Action Types	1.	🔑 dyn_app_Fq0TaW		5 min.	All SNMP Configuration	1	21				1566	autoreguser	All 2018-07-21 09:11:45	•
Run Book Action Types Ticket Templates		n dyn_app_Fq0TaW dyn_app_Gv6A5v		5 min. 5 min.	All SNMP Configuration SNMP Configuration	1	≥1 ≥1				1577	autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57	•
Run Book Action Types Ticket Templates Credentials	3.	∲ dyn_app_Fq0TaW ∲ dyn_app_Gv6A5v ∲ dyn_app_kD3ceD		5 min. 5 min. 5 min.	All SNMP Configuration SNMP Configuration SNMP Configuration	1 1 1	21 21 21				1577 1589	autoreguser autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57 2018-07-23 09:13:23	•
Run Book Action Types Ticket Templates Credentials Credential Tests	3. 4.	∲ dyn_app_Fq0TaW ∲ dyn_app_Gv6A5v ∲ dyn_app_kD3ceD ∳ dyn_app_rLG5cg		5 min. 5 min. 5 min. 5 min.	All SNMP Configuration SNMP Configuration SNMP Configuration SNMP Configuration	1 1 1 1	 ∠1 ∠1 ∠1 ∠1 ∠1 				1577 1589 1516	autoreguser autoreguser autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57 2018-07-23 09:13:23 2018-07-20 09:22:48	•
Run Book Action Types Ticket Templates Credentials Credential Tests Proxy XSL	3.	∲ dyn_app_Fq0TaW ∲ dyn_app_Gv6A5v ∲ dyn_app_kD3ceD ∳ dyn_app_rLG5cg		5 min. 5 min. 5 min. 5 min.	All SNMP Configuration SNMP Configuration SNMP Configuration	1 1 1 1	21 21 21				1577 1589	autoreguser autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57 2018-07-23 09:13:23	•
Run Book Action Types Ticket Templates Credentials Credential Tests Proxy XSL Transformations	3. 4.	∲ dyn_app_Fq0TaW ∲ dyn_app_Gv6A5v ∲ dyn_app_kD3ceD ∳ dyn_app_rLG5cg		5 min. 5 min. 5 min. 5 min.	All SNMP Configuration SNMP Configuration SNMP Configuration SNMP Configuration	1 1 1 1	 ∠1 ∠1 ∠1 ∠1 ∠1 				1577 1589 1516	autoreguser autoreguser autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57 2018-07-23 09:13:23 2018-07-20 09:22:48	▼ 4 4 4 4
Run Book Action Types Ticket Templates Credentials Credential Tests Proxy XSL Transformations UI Themes	3. 4.	∲ dyn_app_Fq0TaW ∲ dyn_app_Gv6A5v ∲ dyn_app_kD3ceD ∳ dyn_app_rLG5cg		5 min. 5 min. 5 min. 5 min.	All SNMP Configuration SNMP Configuration SNMP Configuration SNMP Configuration	1 1 1 1	 ∠1 ∠1 ∠1 ∠1 ∠1 				1577 1589 1516	autoreguser autoreguser autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57 2018-07-23 09:13:23 2018-07-20 09:22:48	▼ 4 4
Run Book Action Types Ticket Templates Credentials Credential Tests Proxy XSL Transformations	3. 4.	∲ dyn_app_Fq0TaW ∲ dyn_app_Gv6A5v ∲ dyn_app_kD3ceD ∳ dyn_app_rLG5cg		5 min. 5 min. 5 min. 5 min.	All SNMP Configuration SNMP Configuration SNMP Configuration SNMP Configuration	1 1 1 1	 ∠1 ∠1 ∠1 ∠1 ∠1 				1577 1589 1516	autoreguser autoreguser autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57 2018-07-23 09:13:23 2018-07-20 09:22:48	▼ 4 4 4
Run Book Action Types Ticket Templates Credentials Credential Tests Proxy XSL Transformations UI Themes IT Services Log File Monitoring	3. 4.	∲ dyn_app_Fq0TaW ∲ dyn_app_Gv6A5v ∲ dyn_app_kD3ceD ∳ dyn_app_rLG5cg		5 min. 5 min. 5 min. 5 min.	All SNMP Configuration SNMP Configuration SNMP Configuration SNMP Configuration	1 1 1 1	 ∠1 ∠1 ∠1 ∠1 ∠1 				1577 1589 1516	autoreguser autoreguser autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57 2018-07-23 09:13:23 2018-07-20 09:22:48	•
Run Book Action Types Ticket Templates Credentials Credential Tests Proxy XSL Transformations UI Themes IT Services Log File Monitoring Policies	3. 4.	∲ dyn_app_Fq0TaW ∲ dyn_app_Gv6A5v ∲ dyn_app_kD3ceD ∳ dyn_app_rLG5cg		5 min. 5 min. 5 min. 5 min.	All SNMP Configuration SNMP Configuration SNMP Configuration SNMP Configuration	1 1 1 1	 ∠1 ∠1 ∠1 ∠1 ∠1 				1577 1589 1516	autoreguser autoreguser autoreguser autoreguser	All 2018-07-21 09:11:45 2018-07-22 09:11:57 2018-07-23 09:13:23 2018-07-20 09:22:48	•

• To add content, go to the Available pane at the bottom of the page. Find the content you want to include in the PowerPack. Click the lightning bolt icon (*F*) for that content. The content will be moved to the top pane.

NOTE: The **Available** pane contains only content that is not included in any other PowerPack. If a Dynamic Application, event policy, device category, device class, device template, device group, custom report, dashboard widget, dashboard, run book policy, run book action, run book action type, ticket template, credential, credential test, proxy XSL transformation, theme, IT service, log file monitoring policy, or AP content object is included in another PowerPack, it will not appear in the **Available** pane.

NOTE: If you include a Dynamic Application that has aligned event policies (i.e., one or more events that are triggered with an alert from the Dynamic Application), the platform will automatically include the corresponding event policies in the PowerPack. **Note that you cannot manually add an event** with the source of "dynamic"; the platform automatically includes these events when you add the aligned Dynamic Applications to the PowerPack.

NOTE: If you want to include an event that is aligned with an "auto-clear" event, the platform requires that you include both events in the PowerPack. The platform will not allow you to add such an event without also adding its aligned "auto-clear" event.

• To remove content, go to the Embedded pane at the top of the page. Find the content you want to remove from the PowerPack. Click the bomb icon () for that content. The content will be removed from the PowerPack and will now appear in the bottom pane.

Adding Documentation to a PowerPack

The **PowerPack Documentation Files** page allows you to include a document in a PowerPack, download a document from a PowerPack, and delete a document from a PowerPack.

Adding a Documentation File to a PowerPack

To add a documentation file to a PowerPack:

- 1. In the left pane, go to *Manage PowerPack* and click *Documentation*.
- 2. In the PowerPack Documentation Files page, click the [Upload] button.

3. In the **Document Import** modal page, navigate to the document you want to add to the PowerPack. Click the **[Import]** button to add the document to the PowerPack.

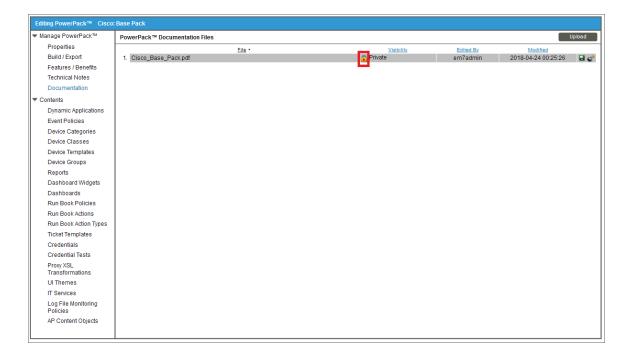
▼ Manage PowerPack™	PowerPack™ Documentation File:	s			
Build / Export					
Technical Notes					
Documentation					
 Contents 					
Device Categories					
Device Classes					
Device Templates					
Device Groups	Do	cument Import		×	
		Browse for file	Browse		
				_	
		_	Import		

- 4. The document appears in the top pane of the **PowerPack Documentation Files** page.
- 5. The document will be saved with the PowerPack and its contents.

Changing Visibility

After you have added a documentation file to a PowerPack, you can set its Visibility.

To change the Visibility, click on the lock icon (¹) in the Visibility column. You can toggle between Private and Public.



- **Private**. Document can be viewed and accessed only from the **PowerPack Documentation Files** page. This means that users other than the author of the PowerPack must install the PowerPack to view the document.
- **Public**. Document is included in the export file for the PowerPack and can be accessed by opening the PowerPack file with a "zip" utility. Users do not need to install the PowerPack to view the document.

Deleting a Document

If you are the author of a PowerPack or if you have installed a PowerPack and have access to the **PowerPack Documentation Files** page, you can delete one or more documents from the PowerPack, regardless of the *Visibility* assigned to each document.

To delete a document from a PowerPack:

1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).

2. Find the PowerPack that contains the document(s) you want to delete. Click its wrench icon (\checkmark).

r Manage PowerPack™	PowerPack™ Documentation Files				Upload
Properties	File *	Visibility	Edited By	Modified	_
Build / Export	1. Cisco_Base_Pack.pdf	Private	em7admin	2018-04-24 00:25:26	- -
Features / Benefits					
Technical Notes					
Documentation					
Contents					
Dynamic Applications					
Event Policies					
Device Categories					
Device Classes					
Device Templates					
Device Groups					
Reports					
Dashboard Widgets					
Dashboards					
Run Book Policies					
Run Book Actions					
Run Book Action Types					
Ticket Templates					
Credentials					
Credential Tests					
Proxy XSL Transformations					
UI Themes					
IT Services					
Log File Monitoring Policies					
AP Content Objects					

- 3. In the PowerPack, go to the NavBar, go to *Manage PowerPack* and click*Documentation*.
- In the PowerPack Documentation Files page, find the document you want to delete. Click its bomb icon (
- 5. The document will be deleted from the PowerPack.

Including Details on a PowerPack's Features, Benefits, and Technical Information

You can optionally add additional information about a PowerPack's content in the **Features/Benefits** page and the **Technical Notes** page.

Features/Benefits

The **Features/Benefits** page allows you to add details on the features and benefits of the PowerPack content.

The editor allows you to format the text and include links and images in the text.

You can also use a document template to apply a standard format to the text.

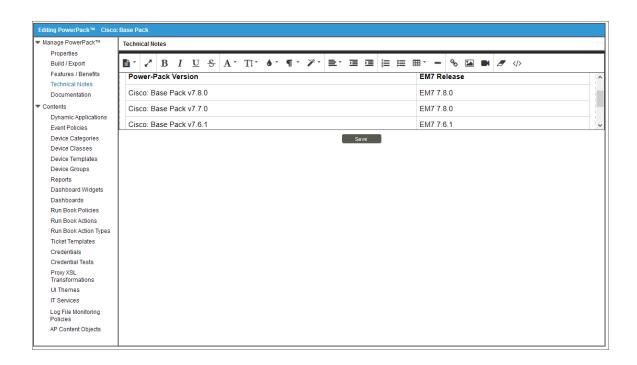
Editing PowerPack™ Cisco	: Base P	ack																						
▼ Manage PowerPack™	Featu	res / B	enefit	s																				
Properties										_		_	_				_			_				
Build / Export	🖬 *	× .	в	1	<u>U</u>	5	A ·	T! -	ð *	¶ *	1	E .	()	ŝ	⊨	•	-	S	2	2			
Features / Benefits	01																				 		 	 ^
Technical Notes	Star		ng or				ere																	
Documentation																								
 Contents 																								
Dynamic Applications	[
Event Policies	<u> </u>																				 		 	 ~
Device Categories												- 1	Sa	ve										
Device Classes																								
Device Templates																								
Device Groups																								
Reports																								
Dashboard Widgets																								
Dashboards																								
Run Book Policies																								
Run Book Actions																								
Run Book Action Types																								
Ticket Templates																								
Credentials																								
Credential Tests																								
Proxy XSL Transformations																								
UI Themes																								
IT Services																								
Log File Monitoring Policies																								
AP Content Objects																								

Technical Notes

The Technical Notes page allows you to add technical information about the PowerPack and its content.

The editor allows you to format the text and include links and images in the text.

You can also use a document template to apply a standard format to the text.



Adding Intellectual Property Protection to Content in a PowerPack

After adding content to a PowerPack, you can add **Intellectual Property Protection** to included Dynamic Applications and event policies. Intellectual Properties Protection, or IPP, prevents other users from editing or viewing information on Dynamic Applications on any ScienceLogic system except the original system where the Dynamic Application was created.

• When you enable Intellectual Property Protection for a Dynamic Application, users are prevented from viewing and editing advanced implementation details about the Dynamic Application on any ScienceLogic system, except the original system where the Dynamic Application was created. After installation on another ScienceLogic system (other than the author system), users cannot disable the Intellectual Property Protection feature and can view and edit only the [Properties], [Policies], and [Subscribers] tab of the Dynamic Application (within the PowerPack or in the Dynamic Applications Manager page). Even if the PowerPack is installed with the License Key or with an Install Key that grants Administrator/Owner privileges, users will not be able to access all tabs for the Dynamic Application. When Intellectual Property Protection is enabled, the following tabs will not be displayed for the Dynamic Application:

- [Collections]
- [Presentation]
- [Thresholds]
- [Snippets] (for Dynamic Applications of type "snippet")
- [Requests] (for Dynamic Applications of type "SOAP", "XSLT", and "WMI")
- [Alerts]
- When you add Intellectual Property Protection to an event policy, users are prevented from viewing and editing advanced implementation details about the event policy on any ScienceLogic system, except the original system where the event policy was created. After installation on another ScienceLogic system (other than the author system), users cannot disable the Intellectual Property Protection feature and can edit only the [Policy] and[Suppressions] tab of the event policy application (within the PowerPack or in the Event Policy Manager page). Even if the PowerPack is installed with the License Key or with an Install Key that grants Administrator/Owner privileges, users will not be able to access all of the tabs for the event policy. When Intellectual Property Protection is enabled, the following tab and information will not be displayed for the event policy:
 - [Advanced]
 - The [Save As] button will not appear on any tab.

To add Intellectual Property Protection to a Dynamic Application or an event policy:

- If you do not already have the PowerPack open, go to the **PowerPack Manager** page (System > Manage > PowerPacks). Find the PowerPack you want to add content to. Click its wrench icon (^P).
- 2. From the **PowerPack Properties** page, select from the applicable options in the navigation panel to the left.
- 3. Select the entry for the content to which you want to add Intellectual Property Protection:
 - Manage Dynamic Applications. Displays the Embedded/Available page for Dynamic Applications, where you can view a list of Dynamic Applications that are already in the PowerPack and a list of Dynamic Applications that can be added to the PowerPack.
 - Manage Event Policies. Displays the Embedded/Available page for event policies, where you can view a list of event policies that are already in the PowerPack and a list of event policies that can be added to the PowerPack.

3

4. To view the **Embedded/Available** page for a type of content, go to the **Embedded** pane at the top of the page, find the content you want to protect, and click on the lock icon (). If the IPP column contains the value "enabled", the Dynamic Application or event policy is protected:

2	Embedded Dynamic App	plications [13]										
Properties	Dynamic Application											
Build / Export	Name *	IPP	Poll Rate	Type	Version	Collects	Alerts	Events	Thresh.	<u>ID</u>	Edited By	Last Edit
Features / Benefits		All 🗸		All 🗸								All
Technical Notes	1. 🤌 Cisco: BGP Pee		5 min.	Snippet Performance	1.6	2 11				839	em7admin	2018-04-04 22:00:19
Documentation	2. 🥜 Cisco: BGP Pee			Snippet Configuration		2 13	2 2	2 🖉		840	em7admin	2018-04-04 22:00:19
Contents	3. 🥜 Cisco: CPU	👸 disabled		Snippet Performance		23	22	2 2	21	831	em7admin	2018-04-04 22:00:16
	4. 🤌 Cisco: Environm			SNMP Configuration		2 10	<u>/</u> 9	<u>/</u> 9		832	em7admin	2018-04-04 22:00:17
Dynamic Applications	5. 🤌 Cisco: Fibre Cha	👸 disabled		Snippet Configuration		2 18				841	em7admin	2018-04-04 22:00:19
Event Policies	6. A Cisco: Fibre Cha			SNMP Performance		2 57				842	em7admin	2018-04-04 22:00:19
Device Categories	7. PCisco: FRU Con	disabled		Snippet Configuration		23	26	<u>~</u> 6		836	em7admin	2018-04-04 22:00:18
Device Classes	 B. P Cisco: Interface I B. P Cisco: Old Interface 	disabled disabled		SNMP Performance SNMP Performance		28				838 837	em7admin em7admin	2018-04-04 22:00:19
Device Templates	10, PCisco: Physical I			Snippet Performance		2 12 2 10				830	em7admin	2018-04-04 22:00:18 2018-04-04 22:00:16
Device Groups	-	Usabled	ס זוווו. ר	Shipper Fenormance	2.2	<u>~</u> 10	/	<u>/</u>	<i>/</i>	630	ennaunnin	2010-04-04 22.00.10
Reports	[Viewing Page: 1]	~	·									
Dashboard Widgets	Available Dynamic Appl	ications [11]										
Dashboards												
Run Book Policies	Dynamic Application	on Name *	Poll Rate	Type	Version	Collects	Alerts	Events	Thresh.	민	Edited By	Last Edit
				All		-	_	_	_			Al
Run Book Actions	1. 🤌 SAC Scheduler T		15 min.	-	1.1	21	-	-		1495	em7admin	2018-04-13 01:06:58
Run Book Action Types	2. A SAC Scheduler 1		15 min.	-	1.1	21				1519	em7admin	2018-04-18 20:48:36
Ticket Templates	 BAC Scheduler 1 A BAC Scheduler 1 		15 min. 15 min.		1.1	21 21				1518 1516	em7admin em7admin	2018-04-18 00:39:40 2018-04-17 23:01:17
ficket femplates	5. PSAC Scheduler 1		15 min. 15 min.		1.1	21				1516	em7admin	2018-04-17 23:01:17
Credentials	5. Je SAC Scheduler I		15 min.		1.1	21				1515	em7admin	2018-04-17 22:14:53
	6 Ja SAC Schodulor T		19 11111.	-	1.1	21				1513	em7admin	2018-04-17 21:35:54
Credentials	6. PSAC Scheduler 1		15 min							1497	em7admin	2018-04-13 17:10:26
Credentials Credential Tests	7. 🤌 SAC Scheduler 1	est (IT Servic	15 min. 15 min			21						2018-04-20 23:15:41
Credentials Credential Tests Proxy XSL	7. A SAC Scheduler 1 8. A SAC Scheduler 1	est (IT Servic est (IT Servic	15 min.		1.1	21 26	21	21		1546		
Credentials Credential Tests Proxy XSL Transformations	7. 🤌 SAC Scheduler 1 8. 🤌 SAC Scheduler 1	est (IT Servic est (IT Servic M_Test (IT Se				21 26 21	<u>/</u> 1 	<u>/</u> 1 		1546 1560	em7admin em7admin	2018-04-20 23:15:41
Credentials Credential Tests Proxy XSL Transformations UI Themes	7. PSAC Scheduler 1 8. PSAC Scheduler 1 9. PSAC_Sanity_ITS	est (IT Servic est (IT Servic M_Test (IT Se	15 min. 1 min.		1.1 1.1	<u>~</u> 6	<u>≥</u> 1 	<u>∕</u> 1 				

Determining the PowerPack's Execution Environments

When you build a PowerPack, it includes the execution environments that are aligned with the PowerPack's Dynamic Applications, Credential Tests, and Run Book Actions that execute snippets.

An **execution environment** is an on-demand Python environment that includes the supporting modules, code, scripts, directories, and files (packaged in one or more ScienceLogic Libraries) needed to run a snippet. An execution environment includes its own installation directories, doesn't share libraries with other environments, and allows granular control of dependencies and versions.

To determine which execution environments are included in a PowerPack:

- 1. Go to the **Dynamic Applications Manager** page (System > Manage > Applications).
- 2. In the **PowerPack** filter-while-you-type field, type the name of the PowerPack. This filters the list so only the Dynamic Applications from the specified PowerPack appear.
- 3. The Environment column displays the execution environment aligned with each Dynamic Application included in the PowerPack.

Building the PowerPack and Generating a License Key

After you have added content to a PowerPack you must build the PowerPack (to generate a single file that contains all the associated content), select the permissions to associate with a license key for the PowerPack, and generate a license key for the PowerPack.

A license key allows a user to install a PowerPack on a ScienceLogic system. A license key used to install a PowerPack also determines the actions that can be performed on the PowerPack and its contents. You can embed a license key in the PowerPack, so the user will not need to enter a license key upon importing the PowerPack. If you do not embed a license key, you will need to provide a license key to the user that must be entered when they import the PowerPack.

You are not limited to one license key per PowerPack. You can generate multiple license keys for a single PowerPack. You are not required to rebuild a PowerPack each time you generate a new license key.

- For example, during initial build of a PowerPack, you could generate and embed a license key with "Install & Use Only" privileges. You could then export the PowerPack and distribute the PowerPack to a customer. When the customer imports and installs the PowerPack, the customer does not have to enter a license key and will be given "Install & Use Only" privileges.
- For the same PowerPack, you could generate an administrator-level license key that you copy and paste in a file. You could then distribute the same PowerPack file you distribute to customers to a system administrator in your organization. The system administrator can then use the administrator-level license key from the text file instead of the embedded license key.

Note that the last generated license key is the one that will be displayed in the **Compiled PowerPacks** / **Generate Installation Key** modal page, either in the **Embedded License Key** column in the top pane or in the **Generated Install Key** field in the bottom pane.

Building a PowerPack

To build a PowerPack:

1. If you have not already, go to the **PowerPack Manager** page (System > Manage > PowerPacks) and either create a PowerPack or edit an existing PowerPack.

2. Expand the Manage PowerPack entry in the left NavBar and click Build/Export.

Editing PowerPack™ Cisco	b: Base Pack					
▼ Manage PowerPack [™]	Compiled PowerPacks™					
Properties	Some changes have been made to this PowerPa	ck™ that have not yet been exported	Create a new build	to compile the lates	t revision	
Build / Export	PowerPack Export File Embedded License	MD5 Chedisum	Version R	evision ID	Compiled +	
Features / Benefits		238058da0ac8b2fbc4315584c32eb9		3393 125	2017-03-15 05:47:59	2
Technical Notes						-
Documentation						
 Contents 						
Dynamic Applications						
Event Policies						
Device Categories						
Device Classes						
Device Templates						
Device Groups						
Reports	Generate Installation/License Key for Cisco%3A_Base_Pack_Version-2	04, revision 3393				
Dashboard Widgets	License key fur	oe: Install & Use Only	~			
Dashboards			-			
Run Book Policies	Available Types	Selected Types				
Run Book Actions	Dynamic Applications					
Run Book Action Types	Device Classes Reports					
Ticket Templates	Ticket Templates	»				
Credentials	Credentials Credential Tests	«				
Credential Tests						
Proxy XSL Transformations						
UI Themes						
IT Services						
Log File Monitoring Policies		Generate Key				
AP Content Objects						

- 3. If this is a new PowerPack or if you have made a change to the PowerPack, you will see a link telling you to Create a new build.
- 4. To build the PowerPack, click on the link.

Generating an Embedded License Key During the Initial Build

1. During the initial build, after you select the Create a new build link in the **Compiled PowerPacks / Generate Installation Key** modal page, the **Configure Export File** modal page appears.

Embedded license ke	y: [[None]	▼]
Available Types	Selected Types	
Dynamic Applications Device Classes Reports Ticket Templates Credentials Credential Tests		*

- 2. The **Configure Export File** modal page allows you to embed a license key within the PowerPack. When you embed the license key in the PowerPack, the user who imports and installs the PowerPack does not have to enter a license key.
 - If you want to embed a license key in the PowerPack, enter a value in each field.
 - If you do not want to embed a license key in the PowerPack, exit the **Configure Export File** page. You must manually generate a license key in the bottom pane of the **Compiled PowerPacks / Generate Installation Key** modal page.
- 3. To embed a license key, enter the following in the **Configure Export File** modal page:
 - **Embedded license key**. Displays a drop-down list of options that allow you to select whether to want to embed the license key in the PowerPack, and if so, how you would like the embedded key to function. Choices are:
 - None. The license key will not be embedded in the PowerPack. You must manually generate the license key and then copy and paste the license key in a text file. The user who imports and installs the PowerPack must enter the license key during installation.
 - Install & Use Only. The license key will be embedded. Users will be allowed to install this PowerPack on another ScienceLogic system (other than the author system). In the PowerPack Properties page for the PowerPack, users will be allowed to edit only the name and version number of the PowerPack. Users will not be allowed to edit any of the installed content, either from within the PowerPack or in the platform.
 - Administrative (including export & license). The license key will be embedded. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit each of the installed items from this PowerPack. Users can edit the content from within the PowerPack and in the platform. Users will also be allowed to edit the properties of the PowerPack, delete content from the PowerPack, export the PowerPack, and generate a license key for the PowerPack.
 - Manage Content Items of Selected Types. The license key will be embedded. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed content type, from the associated page in the user interface. In the **PowerPack Properties** page for the PowerPack, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
 - Available Types/Selected Types. The entries in these fields become active if you clicked Manage Content Items of Selected Types in the **Embedded license key** field.
 - **To select a content option**, in the Available Types field, highlight the option and click the right arrow button. The option will now appear in the **Selected Types** pane and will be included in the license key. Repeat these steps for each content type you want to include in the license key.
 - **To remove a content option**, in the Selected Types field, highlight the option and click the left arrow button. The option will now appear in the **Available Types** pane and will not be included in the license key. Repeat these steps for each content type you want to removed from the license key.

The content types are:

- Dynamic Applications. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed Dynamic Applications from the Dynamic Applications Manager page (System > Manage > Applications). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Event Policies. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed event policies from the Event Policy Manager page (Registry > Events > Event Manager). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.

NOTE: If the PowerPack contains one or more Dynamic Applications or event policies that use Intellectual Property Protection, users will not be able to edit the Dynamic Applications or event policies when they are installed on another server, even if the PowerPack includes Administrator/Owner privileges.

- Device Categories. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed device categories from the Device Category Editor page (System > Customize > Device Categories). In the PowerPack Properties page, users will be allowed to edit only the name and version umber of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Device Classes. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed device classes from the Device Class Editor page (System > Customize > Device Classes). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Device Templates. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed device templates from the Configuration Templates page (Registry > Devices > Templates). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Reports. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed report from the [Reports] tab. In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Dashboard Widgets. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed widget from the Dashboard Widgets page (System > Customize > Dashboard Widgets). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Dashboards. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed dashboards from the Dashboards tab page. In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.

- Run Book Policies. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed Run Book policies from the Automation Policy Manager page (Registry > Run Book > Automation). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Run Book Actions. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed Run Book actions from the Action Policy Manager page (Registry > Run Book > Actions). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Run Book Action Types. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed Run Book Action Types from the Action Type Manager page (Registry > Run Book > Action Types). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Ticket Templates. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed ticket templates from the Ticket Templates page (Registry > Ticketing > Templates). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Credentials. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed credentials from the Credential Management page (System > Manage > Credentials). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.

NOTE: If you include organization-specific credentials in a PowerPack, the credentials cannot be preserved by that organization when the PowerPack is installed on another environment. The credentials in a PowerPack are the responsibility of the customer, and cannot be guaranteed to be organization-specific in another ScienceLogic system.

- Credential Tests. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed credential tests from the Credential Test Management page (System > Customize > Credential Tests). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Proxy XSL Transformations. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed transformations from the Proxy XSL Transformations page (Registry > Web Proxies > Proxy XSL Transformations). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.

- UI Themes. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed themes from the Theme Management page (System > Customize > Themes). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- IT Services. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed IT Service policies from the IT Service Manager page (Registry > IT Services > IT Service Manager). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Log File Monitoring Policies. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed log file monitoring policies from the Log File Monitoring Policies page (System > Manage > Log File Monitoring Policies). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- 4. Click the **[Build]** button, and then click the **[Save]** button to save the embedded license. Notice that the *Embedded License* field in the top pane of the **Compiled PowerPacks / Generate Installation Key** page now matches the newly generated license.

Generating an Unembedded License During the Initial Build

If you did not embed a license key during the initial build of a PowerPack, you must generate a separate license key to install the PowerPack on other ScienceLogic systems. After selecting *None* in the **Configure Export File** modal page, perform the following steps to generate an unembedded license key:

1. In the bottom pane of the **Compiled PowerPacks / Generate Installation Key** page, select the values in the following fields:

Editing PowerPack™ Cisco:	Base Pack
▼ Manage PowerPack™	Compiled PowerPacks™
Properties	Some changes have been made to this PowerPack [™] that have not yet been exported. <u>Create a new build</u> to compile the latest revision
Build / Export	PowerPack Export File Embedded License MD5 Checksum Version Revision ID Compiled •
Features / Benefits	1. 🖉 🖬 Cisco%3A_Base_Pack_Version-204 Admin 7238058da0ac8b2fbc4315584c32eb9 204 3393 125 2017-03-15 05:47:59 🌌
Technical Notes	
Documentation	
 Contents 	
Dynamic Applications	
Event Policies	
Device Categories	
Device Classes	
Device Templates	
Device Groups	
Reports	Generate Installation/License Key for Cisco%3A_Base_Pack_Version-204, revision 3393
Dashboard Widgets	License key type: Install & Use Only
Dashboards	Install & Use Only
Run Book Policies	Available Types
Run Book Actions	Davide Approx
Run Book Action Types	Reports Manage content items or selected types:
Ticket Templates	Ticket Templates Credentals
Credentials	Credential Tests
Credential Tests	
Proxy XSL Transformations	
UI Themes	
IT Services	
Log File Monitoring Policies	Generate Key
AP Content Objects	

- License key type. Defines how the generated license key will function. Choices are:
 - Install & Use Only. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit only the name and version number of the PowerPack in the PowerPack Properties page. Users will not be allowed to edit any of the installed content, either from within the PowerPack or in the platform.
 - Administrative (including export & license). After installation on another ScienceLogic system (other than the author system), users will be allowed to edit each of the installed items from this PowerPack. Users can edit the content from within the PowerPack and in the platform. Users will also be allowed to edit the properties of the PowerPack, delete content from the PowerPack, export the PowerPack, and generate a license key for the PowerPack.
 - Manage Content Items of Selected Types. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed content type, from the associated page in the the platform interface. In the **PowerPack Properties** page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Available Types/Selected Types. The entries in these fields become active if you selected Manage Content Items of Selected Types in the License key type field.
 - **To select a content option**, in the **Available Types** field, highlight the option and click the right arrow button. The option will now appear in the **Selected Types** pane and will be included in the license key. Repeat these steps for each content type you want to include in the license key.
 - **To remove a content option**, in the **Selected Types** field, highlight the option and click the left arrow button. The option will now appear in the **Available Types** pane and will not be included in the license key. Repeat these steps for each content type you want to remove from the license key.

The content types are:

- Dynamic Applications. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed Dynamic Applications from the Dynamic Applications Manager page (System > Manage > Applications). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Event Policies. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed event policies from the Event Policy Manager page (Registry > Events > Event Manager). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.

NOTE: If the PowerPack contains one or more Dynamic Applications or event policies that use Intellectual Property Protection, users will not be able to edit the Dynamic Applications or event policies when they are installed on another server, even if the PowerPack includes Administrator/Owner privileges.

Device Categories. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed device categories from the Device Category Editor page (System > Customize > Device Categories). In the PowerPack Properties page,

users will be allowed to edit only the name and version umber of the PowerPack. Users cannot access or edit any other pages for the PowerPack.

- Device Classes. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed device classes from the Device Class Editor page (System > Customize > Device Classes). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Device Templates. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed device templates from the Configuration Templates page (Registry > Devices > Templates). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Reports. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed report from the [Reports] tab. In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Dashboard Widgets. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed widget from the Dashboard Widgets page (System > Customize > Dashboard Widgets). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Dashboards. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed dashboards from the Dashboards tab page. In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Run Book Policies. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed Run Book policies from the Automation Policy Manager page (Registry > Run Book > Automation). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Run Book Actions. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed Run Book actions from the Action Policy Manager page (Registry > Run Book > Actions). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Run Book Action Types. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed Run Book Action Types from the Action Type Manager page (Registry > Run Book > Action Types). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Ticket Templates. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed ticket templates from the Ticket Templates page (Registry > Ticketing > Templates). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.

Credentials. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed credentials from the Credential Management page (System > Manage > Credentials). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.

NOTE: If you include organization-specific credentials in a PowerPack, the credentials cannot be preserved by that organization when the PowerPack is installed on another environment. The credentials in a PowerPack are the responsibility of the customer, and cannot be guaranteed to be organization-specific in another ScienceLogic system.

- Credential Tests. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed credential tests from the Credential Test Management page (System > Customize > Credential Tests). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Proxy XSL Transformations. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed transformations from the Proxy XSL Transformations page (Registry > Web Proxies > Proxy XSL Transformations). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- UI Themes. After installation on another ScienceLogic system (other than the author system), users
 will be allowed to edit the installed themes from the Theme Management page (System >
 Customize > Themes). In the PowerPack Properties page, users will be allowed to edit only the
 name and version number of the PowerPack. Users cannot access or edit any other pages for the
 PowerPack.
- IT Services. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed IT Service policies from the IT Service Manager page (Registry > IT Services > IT Service Manager). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- Log File Monitoring Policies. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed log file monitoring policies from the Log File Monitoring Policies page (System > Manage > Log File Monitoring Policies). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- 2. Click the Generate Key button.
- 3. When the new license key appears in the *Generated Install Key* field, copy the license key and paste it into a text file.

Export/Import Rules and Substitutions

Some of the content items that can be included in a PowerPack are dependent on, or reference, other entities in the ScienceLogic platform. The following sections describes how the platform handles each dependency or reference during export and import. When you build a PowerPack, for each item you include in the PowerPack, you must ensure that you have also included any referenced or dependent items. The platform will display an error message and will not build the PowerPack if dependent items are not included.

Event Policies

If you include an event policy that is aligned with an *auto-clear* event, the platform requires that you include both events in the PowerPack. The platform will not allow you to add an event that can be auto-cleared without also adding its aligned *auto-clear* event.

Dynamic Applications

Dynamic Applications have the following dependencies:

- If you include a Dynamic Application that has the **Caching** field set to Consume cached results, you must also include the Dynamic Application that creates the cache. The Dynamic Application that creates the cache has the **Caching** field set to Cache results.
- If you include a Dynamic Application that has the **Component Mapping** field selected, you must also include the aligned Device Class of type Component.
- If you include a Dynamic Application that contains a *Presentation* formula or an *Alert* formula, you must ensure that the referenced Collection Objects are included in the same Dynamic Application.
- If you include a Dynamic Application that uses Collection Labels, the platform will automatically export those
 Collection Labels with the PowerPack. However, those Collection Labels will not appear in the
 Embedded/Available page for the PowerPack and can still be included in other PowerPacks. Collection
 Labels cannot be explicitly added to or removed from a PowerPack.
- If you include a Dynamic Application that is aligned with an execution environment, the platform will automatically export that execution environment and its associated ScienceLogic Libraries with the PowerPack.

Dashboards

If you include a Dashboard in a PowerPack but do not include one or more of the widgets that appear on the dashboard in the PowerPack:

- For the widgets that are not included in the PowerPack, the platform will automatically export those widgets with the PowerPack. However, those widgets will not appear in the **Embedded/Available** page for the PowerPack and can still be included in other PowerPacks.
- When the PowerPack is installed on a ScienceLogic system, the platform will install the widgets that were not included in the PowerPack only if those widgets are not already installed. If the platform discovers one or more of the widgets in the PowerPack already exists on the ScienceLogic system and those widgets were not installed by the current PowerPack, *the platform will not overwrite the existing widgets*.

• If a widget is installed on a ScienceLogic system by a PowerPack that does not explicitly include that widget and the PowerPack that does include that widget is installed at a later date, the widget definition that exists on the system will be associated with its PowerPack and will be updated by that PowerPack.

Run Book Actions

NOTE: You cannot include Run Book of type "Create a New Ticket" in a PowerPack.

When a Run Book Acton Policy is included in a PowerPack, some system-specific values will be automatically substituted by the platform.

- For action policies of type Send an Email Notification:
 - **Organization**. This field will contain the default value "System".
 - **Available Emails**. This list will be automatically updated with email addresses from the system where the PowerPack is installed.
 - Assigned Emails. By default, this list will be empty.
- For action policies of type Send an SNMP Trap:
 - **Organization**. This field will contain the default value "System".
 - Trap Host. By default, this field will be empty.
 - Trap Credential. By default, no value will be selected in this field.
- For action policies of type **Send an SNMP Set**:
 - **Organization**. This field will contain the default value "System".
 - SNMP Host. By default, this field will be empty.
 - SNMP Credential. By default, no value will be selected in this field.
- For action policies of type **Run a Snippet**:
 - Organization. This field will contain the default value "System".
 - Snippet Credential. By default, no value will be selected in this field.
- For action policies of type *Execute an SQL Query*:
 - Organization. This field will contain the default value "System".
 - Database Credential. By default, no value will be selected in this field.

Additionally, if you include a Run Book Action policy of type **Run a Snippet** that is aligned with an execution environment, the platform will automatically export that execution environment and its associated ScienceLogic Libraries with the PowerPack.

Run Book Policies

When a Run Book Automation Policy is included in a PowerPack, the following system-specific values will be automatically substituted by the platform:

- Organization. This field will contain the default value "System".
- Aligned Devices. Specific devices will be removed from this field. The policy will match all devices.

If you include an IT service policy that includes a metric that uses a Dynamic Application in a PowerPack, the ScienceLogic platform will automatically include the Dynamic Application in the PowerPack. When the PowerPack is installed on a ScienceLogic system, the ScienceLogic platform will install the Dynamic Application (with their aligned PowerPack GUIDs). However, if the platform discovers one or more of the Dynamic Applications in the PowerPack already exists on the system, **the platform will not overwrite the existing widgets**.

If you include a Run Book Automation policy that executes one or more Run Book Action policies, you must also include those Run Book Action policies in the PowerPack.

If you include a Run Book Automation policy that includes an Automation Schedule, the ScienceLogic platform will automatically include the required Automation Schedule in the PowerPack.

Credentials

If you include credentials in a PowerPack, you must make sure that the credentials are portable and can be used on both the author's system and the system where the PowerPack will be installed.

To make credentials more portable:

- You can use **%D** in place of a specific IP address.
- You can use **%N** in place of a specific host name.

Credentials can be aligned with an organization. When you align a credential with an organization, only users who are members of that organization can view the name of the credential in the platform. Only users who are members of that organization can assign that credential in the platform. For details, see the guide for the **Credential Management** page.

- When creating or editing a PowerPack, the Available pane will display a list of credentials that are not yet included in any other PowerPack and further filters the list by including only those credentials that you have access to. Your organization membership(s) might affect the list of credentials you can see in the Available pane. For details, see the guide for the Credential Management page.
- When creating or editing a PowerPack, if you remove a credential from the PowerPack using the bomb icon, and you are not a member of the organization aligned with that credential, the credential will not appear in the Available pane.
- When viewing the list of included credentials in the PowerPack in the Embedded pane, all users who can access the PowerPack, regardless of their organization, can view the list of credentials. If a credential is aligned with one or more organization, the Organization column in the Embedded pane displays limited. If the credential is aligned with all organization, the Organization column in the Embedded pane displays all orgs.

- When a user imports and installs a PowerPack on a system other than the author system:
 - credentials aligned with **all orgs** are still aligned with all organizations on the new system.
 - credentials aligned with one or more organizations on the author system are aligned with no
 organizations on the new system. An administrator or user who is a member of all organizations must
 edit the installed credential and align it with one or more organizations. Until the credential is aligned
 with one, multiple, or all organizations, it is not visible to other users in the platform.

Credential Tests

If you include a Credential Test that is aligned with an execution environment, the platform will automatically export that execution environment and its associated ScienceLogic Libraries with the PowerPack.

Ticket Templates

When a Ticket Template is included in a PowerPack, some system-specific values will be automatically substituted by the platform.

For each ticket template in a PowerPack, the ScienceLogic platform will automatically substitute the following values:

- Organization. This field will contain the default value "System".
- Ticket Queue. By default, no value will be selected in this field.
- Assigned User. By default, no value will be selected in this field.
- Category. By default, no value will be selected in this field.

Device Templates

If you include a Device Template that contains one or more Dynamic Applications or Log File Monitoring Policies, you must also include those Dynamic Applications and Log File Monitoring Policies with the PowerPack.

When a device template is included in a PowerPack, the platform automatically makes some changes to the device template to make it more portable:

• Device Organization. This field will not contain a value and will be deactivated.

Device Groups

When a device group is included in a PowerPack, the ScienceLogic platform automatically makes some changes to the device group to make it more portable:

- Active Selectors. Custom Attributes have special behavior in PowerPacks.
 - If you included a Base Custom Attribute in this pane, the Base Custom Attribute will be exported with the PowerPack and will appear on the new system when imported.

- If you included an Extended Custom Attribute in this pane, the Extended Custom Attribute will be exported with the PowerPack.
 - If the target system does not already include the Extended Custom Attribute, the Extended Custom Attribute will not appear in the **Active Selectors** pane.
 - If the target system does include the Extended Custom Attribute, the Extended Custom Attribute will appear in the **Active Selectors** pane.

IT Service Policies

When an IT service policy is included in a PowerPack, the following properties of the IT service policy are included:

- The settings defined in the **[Properties]** sub-tab in the **IT Service Editor**. However, the following system-specific values are substituted when the PowerPack is installed:
 - The *IT Service Owner* field is set to the user that installed the PowerPack.
 - The values that were selected in the *Permission Keys* field are removed.
- The dynamic device rules defined in the [Model] sub-tab in the IT Service Editor. Statically aligned devices, device groups, and service dependencies are not included.
- The device subsets defined in the **[Model]** sub-tab in the **IT Service Editor**. However, only dynamic device rules are included in those subsets. Statically aligned devices are not included.
- All settings defined in the [Metrics], [Collection], and [Alerting] sub-tabs in the IT Service Editor.

When a PowerPack that includes an IT service policy is installed on a ScienceLogic system, the following items are also installed by the PowerPack:

- All event policies associated with the IT service policy.
- All interface tags that are specified in a metric in the IT service policy.

If you include an IT service policy that includes a metric that uses a Dynamic Application in a PowerPack but do not include the Dynamic Application in the PowerPack:

- For the Dynamic Applications that are not included in the PowerPack, the platform will automatically export those Dynamic Applications with the PowerPack. However, those Dynamic Applications will not appear in the **Embedded/Available** page for the PowerPack and can still be included in other PowerPacks.
- When the PowerPack is installed on a ScienceLogic system, the platform will install the Dynamic Applications that were not included in the PowerPack only if those Dynamic Applications are not already installed. If the platform discovers one or more of the Dynamic Applications in the PowerPack already exists on the ScienceLogic system and those Dynamic Applications were not installed by the current PowerPack, **the platform will not overwrite the existing Dynamic Applications**.
- If a Dynamic Application is installed on a ScienceLogic system by a PowerPack that does not explicitly include that Dynamic Application and the PowerPack that does include that Dynamic Application is installed at a later date, the Dynamic Application definition that exists on the system will be associated with its PowerPack and will be updated by that PowerPack.

Exporting a PowerPack

If you want users to be able to install a PowerPack on another ScienceLogic system, you must export the PowerPack to a file. To do this:

1. If the Editing PowerPack page is not open, go to the PowerPack Manager page (System > Manage >

PowerPacks). Find the PowerPack you want to export and click its green disk icon (

- 2. If the PowerPack is already open, click **Build and Export** from the Navbar to the left.
- 3. In the **Compiled PowerPacks / Generate Installation Key** page, go to the **Compiled PowerPacks** pane at the top of the page.

Editing PowerPack™ Amaze	on Web Services							
▼ Manage PowerPack™	Compiled PowerPacks™							
Properties	PowerPack Export File	Embedded License	MD5 Chedsum	Version	Revision	ID	Compiled +	
Build / Export	1. 🔗 🔒 Amazon_Web_Services_Version-108	Admin	950c3634d43674d430b541f0c7ca36e	108	9931	336	2018-02-13 20:35:04	2
Features / Benefits	2. 🥜 🖬 Amazon_Web_Services_Version-103	Admin	f9fca573922cb6786c9515f51da10994	103	7737	36	2017-03-29 23:22:43	2
Technical Notes								
Documentation								
 Contents 								
Dynamic Applications								
Event Policies								
Device Categories								
Device Classes								
Device Templates								
Device Groups								
Reports	Generate Installation/License Key for Amazon_Web_Se	rvices_Version-108, revisi	on 9931					
Dashboard Widgets		License key type:	Install & Lise Only	~				
Dashboards		2.000.000.000.000.000	and a set only					
Run Book Policies		Available Types	Selected Types					
Run Book Actions		Dynamic Applications Device Classes						
Run Book Action Types		Reports						
Ticket Templates		Ticket Templates	<u>"</u>					
Credentials		Credentials Credential Tests	*					
Credential Tests								
Proxy XSL Transformations								
UI Themes								
IT Services								
Log File Monitoring Policies			Generate Key					
AP Content Objects								

- 4. Find the revision of the PowerPack you want to export and click its green disk icon (
- 5. When prompted, save the PowerPack to a local file.
- 6. You can now distribute the file for installation on other ScienceLogic systems.
- 7. If the exported PowerPack does not include an embedded license key, you must send the license key to each user who will install and import the PowerPack.

Generating an Embedded License Key After the Initial Build

If you want to generate a new, embedded license key for the PowerPack after the initial build, perform the following:

1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).

ANTI Base Pack	1.2	ScienceLogic, Inc.	21	22							 		101	em7admin	2015-05-14 11:26:13
Polycom Endpoint	7.5.4	ScienceLogic, Inc.	213	2 150	25					25	 		108	em7admin	2015-08-28 14:28:46
A Polycom Infrastructure	7.5.2	ScienceLogic, Inc.	239	2 598	28					22	 		109	em7admin	2015-05-14 11:26:24
A Printer Base Pack	1.3	ScienceLogic, Inc.	23	26	22						 		110	em7admin	2015-05-14 11:26:29
A Rackspace Base Pack	1.3	ScienceLogic, Inc.	25		21					21	 		112	em7admin	2015-05-14 11:26:29
🔑 Redback Base Pack	1.1	ScienceLogic, Inc.	21								 		113	em7admin	2015-05-14 11:26:30
AIM Blackberry Base Pack	1.1	ScienceLogic, Inc.	22								 		111	em7admin	2015-05-14 11:26:29
Alverbed Base Pack	1.1	ScienceLogic, Inc.	22								 		114	em7admin	2015-05-14 11:26:30
ScienceLogic EM7 Base Pack	1.1	ScienceLogic, Inc.			228	-					 		116	em7admin	2015-05-14 11:26:30
ScienceLogic Subscription Audit Pack	2.5	ScienceLogic, Inc.	21			22	24	21			 		117	em7admin	2015-05-14 11:26:31
ScienceLogic Support Pack	7.3.8	ScienceLogic, Inc.	215	26		24	29	25		24	 	22	118	em7admin	2015-05-14 11:26:31
Sensatronics Base Pack	1.1	ScienceLogic, Inc.	22	28							 		119	em7admin	2015-05-14 11:26:32
P Service Level Management	7.5.1	ScienceLogic, Inc.	-			21					 		120	em7admin	2015-05-14 11:26:32
Service Proxy Widget Powerpack	1.4	ScienceLogic, Inc.					21				 		121	em7admin	2015-05-14 11:26:33
SLPSD: Onboarding	0.2.3	-		224			21	21	22		 		159	em7admin	2015-11-12 12:14:05
SL_PS Cisco 3rd Party Device Support	1.4	ScienceLogic, Inc.	213	226	2188						 		158	em7admin	2015-11-05 12:17:39
SNMP Research Base Pack	1	ScienceLogic, Inc.	-		217						 		115	em7admin	2015-05-14 11:26:30
SoftLaver: Cloud	0.5	ScienceLogic, Inc.	2130	24	2136					211	 		163	em7admin	2015-12-15 14:40:00
Supplemental Device Class Pack	7.5.3	ScienceLogic, Inc.			2727						 		122	em7admin	2015-05-14 11:26:33
System Uptime	1.0	ScienceLogic, Inc.	22								 		141	em7admin	2015-06-02 18:31:15
SystemEdge Base Pack	7.3.8	ScienceLogic, Inc.	25	26							 		123	em7admin	2015-05-14 11:26:34
P Tandberg Endpoint Base Pack	7.5.4	ScienceLogic, Inc.	2 16	2184	2140					213	 		124	em7admin	2015-06-02 18:31:08
P Tandberg: Infrastructure	7.5	ScienceLogic, Inc.	224	2193	238					218	 		125	em7admin	2015-05-14 11:26:37
P Test Event Generator	1	ScienceLogic, Inc.	-	21	-		21	21		-	 		160	em7admin	2015-12-07 16:14:39
PTipping Point Base Pack	1.2	ScienceLogic, Inc.	216	24							 		126	em7admin	2015-05-14 11:26:39
P Tomcat	1.2	ScienceLogic, Inc.	22	212						211	 		127	em7admin	2015-05-14 11:26:39
UCD-SNMP Base Pack	7.3.6	ScienceLogic, Inc.	22	-	2115					-	 		128	em7admin	2015-05-14 11:26:39
Video Performance App Pack	7.5.2	ScienceLogic, Inc.	215	2 24				21		212	 		133	em7admin	2015-05-14 11:26:45
Video Reports	7.5.2	ScienceLogic, Inc.	-			219				-	 		134	em7admin	2015-05-14 11:26:46
VMware Dashboards	7.3.3	ScienceLogic, Inc.	-				21	22			 		129	em7admin	2015-06-02 18:31:10
VMware: vCloud	7.3.6	ScienceLogic, Inc.	22	2 19	27			21	2 10	213	 	21	130	em7admin	2015-05-14 11:26:40
VMware: vSphere Base Pack	7.5.5	ScienceLogic, Inc.	271	/1529	2124			217	-	211	 	211	131	em7admin	2015-06-02 18:31:11
VMware: vSphere Reports	7.5.2	ScienceLogic, Inc.	-	-		26					 		132	em7admin	2015-05-14 11:26:44
₽ Vvatta	7.3.4	ScienceLogic, Inc.			21						 		135	em7admin	2015-05-14 11:26:49
Windows Restart Automatic Services	7.3.5.2	ScienceLogic, Inc.	21	212	-				21	211	 		136	em7admin	2015-05-14 11:26:49
XenServer Base Pack	7.5.2	ScienceLogic, Inc.	217	216	215	21			-	211	 			em7admin	2015-05-14 11:26:49
Xerox Base Pack	1	ScienceLogic, Inc.			21105						 		138	em7admin	2015-05-14 11:26:50
Axirrus Base Pack	7.3.5	ScienceLogic, Inc.	24		21						 			em7admin	2015-05-14 11:26:50
															[Select Action]

- 2. Find the PowerPack for which you want to generate a license key. Click its Build/Export icon (
- 3. The Compiled PowerPacks / Generate Installation Key modal page appears.
- 4. In the **Compiled PowerPacks** pane, find the Version and Revision of the PowerPack for which you want to generate a new, embedded license key. Click its wrench icon (*P*).

5. In the **Configure Export File** page, define the embedded license key. For details on each field, see the section **Generating an Embedded License Key During the Initial Build** in this chapter.

Editing PowerPack TM 2-leve	
▼ Manage PowerPack™	Compiled PowerPacks [™]
Properties Build / Export	
Features / Benefits Technical Notes Documentation	Power/Pack Expont File Embedded Learnes MD5 Checksum Memoir Revision 10 Completed 1. 2 devet_DCOM_app_dest_Version=1_1 Admin 3a2et7900000bdd4 text52425db17b2 1.1 16 217 2015-02-06 17:59:26 2
Contents Dynamic Applications Event Policies Device Categories Device Classes Device Classes Device Templates Device Groups Reports	Edit Build Properties X Configure Export File 2-level DCM app test v1.1, rev 16 Embedded license key; [[Administrative (including export & license)] • None
Dashboard Wdgets Dashboard Wdgets Dashboard S Run Book Policies Run Book Policies Run Book Actions Ticket Templates Credentials Credentials Credential Testa Proxy XSL Transformations UI Themes TI Services Log File Monitoring Policies	Generate Installation/Lic Available Types Install & Use Only Dynamic Applications [Administrative (nchuling export & license)] Device Classes Manage content items of selected types: Ticket Templates Credential Credential Tests Image content items of selected types:
Pok #5	Generate Key

- Click the [Save] button to save the embedded license. Notice that the *Embedded License* field in the top pane of the Compiled PowerPacks / Generate Installation Key page now matches the newly generated license.
- After saving the license key, you can export the PowerPack. To do this, go to the Compiled PowerPacks / Generate Installation Key modal page. In the Compiled PowerPacks pane, find the Version and Revision of the PowerPack you want to export.
- 8. Click the "download this build" icon (). The PowerPack will be exported to your local computer. You can then distribute the PowerPack to users.
- 9. When users import and install the PowerPack, they do not need to enter a license key.

Generating an Unembedded License Key After the Initial Build

If you want to generate a new license key, not embedded, for the PowerPack after the initial build, perform the following:

- 1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
- 2. Find the PowerPack for which you want to generate a license key. Click its Build/Export icon (
- 3. The Compiled PowerPacks / Generate Installation Key modal page appears.

- 4. In the **Compiled PowerPacks** pane, find the Version and Revision of the PowerPack for which you want to generate a new license key. Click its **Generate License Key** icon (
- 5. The selected Version and Revision of the PowerPack is loaded into the **Generate Installation/License Key** pane.
- In the Generate Installation/License Key pane, define the privileges for the new license key and generate the new license key. For details on each field, see the section Generating an Unembedded License During the Initial Build in this chapter.
- 7. Copy the license key and paste it into a text file.
- 8. After saving the license key, you can export the PowerPack. To do this, go to the **Compiled PowerPacks / Generate Installation Key** modal page. In the **Compiled PowerPacks** pane, find the Version and Revision of the PowerPack you want to export.
- 9. Click the "download this build" icon (). The PowerPack will be exported to your local computer. You can then distribute the PowerPack to users.
- 10. You must send the license key to each user who will install and import the PowerPack.

Chapter

Editing a PowerPack

Overview

This chapter describes how to edit a PowerPack, assign a new license key to a PowerPack that has already been installed, how to delete a PowerPack, and how to remove content from a PowerPack.

Caveats

- Content can be included in only a single PowerPack. For example, if you include the Dynamic Application
 "Cisco: Summary Statistics" in the PowerPack "networking_powerpack", you cannot include that Dynamic
 Application in another PowerPack. If you want to include content in a second PowerPack, you must first
 remove the content from the first PowerPack. This is described in this chapter, in the section Removing
 Content from a PowerPack.
- When you delete a PowerPack, the platform automatically deletes the associated content from the ScienceLogic system and all data associated with it. For example, if a PowerPack includes a Dynamic Application, when you delete the PowerPack, the Dynamic Application is removed from the platform. If you go to the **Dynamic Applications Manager** page (System > Manage > Applications), that Dynamic Application will not appear. In addition, all data collected from all devices with that Dynamic Application will also be deleted.
- If you must delete a PowerPack but want to keep the installed content, you should first remove the content from the PowerPack. This is described in this chapter, in the section *Removing Content from a PowerPack*. To remove content from a PowerPack, you must either have administrator/owner privileges for the PowerPack or you must be the creator of the PowerPack. For details on privileges associated with PowerPacks, see the *section on privileges* in this chapter.

- If you want to include content in a second PowerPack, you must first remove the content from the first PowerPack. This is described in this chapter, in the section *Removing Content from a PowerPack*. To remove content from a PowerPack, you must either have administrator/owner privileges for the PowerPack or you must be the creator of the PowerPack. For details on privileges associated with PowerPack, see the *section on privileges* in this chapter.
- The privileges associated with a PowerPack's license key control the actions that users can perform after they install a PowerPack.
- Authors of PowerPacks are allowed to perform all editing actions on the PowerPack and its content. On the ScienceLogic system where the PowerPack was created, only authors can edit the **Publisher** field for a PowerPack.
- If content in PowerPacks uses Intellectual Property Protection, you will not be able to edit the content on any system other than the system where the content was authored. This is true regardless of the license key associated with the PowerPack.
- If you include organization-specific credentials in a PowerPack, the credentials cannot be preserved by that organization when the PowerPack is installed on another environment. The credentials in a PowerPack are the responsibility of the customer, and cannot be guaranteed to be organization-specific in another ScienceLogic system.

Privileges for Editing a PowerPack

On the system where the PowerPack is created, privileges are controlled by user-type (user or administrator) and access keys. Additionally, on the author system, the license key for a PowerPack endows author privileges.

On the system where the PowerPack is installed, privileges are controlled by the license key, and/or Intellectual Property Protection. When creating a PowerPack or a revision of a PowerPack, the author can assign privileges and capture those privileges in a license key. **The following table describes privileges on the system where the PowerPack is installed**.

NOTE: If the PowerPack contains one or more Dynamic Applications or event policies that use Intellectual Property Protection, users will not be able to edit the Dynamic Applications or event policies when they are installed on another system, even if the PowerPack includes Administrator/Owner privileges.

Privilege	Actions
License Key from PowerPack Properties page	Provides author-level privileges for the author of the PowerPack on the author system. Authors can edit the content from within the PowerPack and in the platform. Authors are also allowed to edit the properties of the PowerPack, including the Publisher field, delete content from the PowerPack, export the PowerPack, and generate a license key for the PowerPack. For users of the PowerPack, the License Key is a field on the Properties page that displays the license key currently associated with the PowerPack.
License Key - Install and Use Only	Users will be allowed to install this PowerPack on another system (other than the author system). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. Users will not be allowed to edit any of the installed content, either from within the PowerPack manager or in their respective management pages.
Administrative (Including Export & License)	After installation on a system (other than the author system), users will be allowed to edit each of the installed items from this PowerPack. Users can edit the content from within the PowerPack and in the platform. Users will also be allowed to edit the properties of the PowerPack (but cannot edit the Publisher field), delete content from the PowerPack, export the PowerPack, and generate a license key for the PowerPack.
License Key - Dynamic Applications	After installation on a system (other than the author system), users will be allowed to edit the installed Dynamic Applications from the Dynamic Applications Manager page (System > Manage > Applications). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.

Privilege	Actions
License Key - Event Policies	After installation on a system (other than the author system), users will be allowed to edit the installed event policies from Event Policy Manager page (Registry > Events > Event Manager). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access any other pages for the PowerPack.
License Key - Device Categories	After installation on a system (other than the author system), users will be allowed to edit the installed device categories from the Device Category Editor page (System > Customize > Device Categories). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Device Classes	After installation on a system (other than the author system), users will be allowed to edit the installed device classes from the Device Class Editor page (System > Customize > Device Classes). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Device Templates	After installation on a system (other than the author system), users will be allowed to edit the installed device classes from Configuration Templates page (Registry > Devices > Templates). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Reports	After installation on a system (other than the author system), users will be allowed to edit the installed report from the [Reports] tab. In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.

Privilege	Actions
License Key - Dashboard Widgets	After installation on a system (other than the author system), users will be allowed to edit the installed dashboard-widget from the Dashboard Widgets page (System > Customize > Dashboard Widgets). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Dashboards	After installation on a system (other than the author system), users will be allowed to edit the installed dashboards from the Dashboards tab page. In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Run Book Policies	After installation on a system (other than the author system), users will be allowed to edit the installed run book policies from the Automation Policy Manager page (Registry > Run Book > Automation). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Run Book Actions	After installation on a system (other than the author system), users will be allowed to edit the installed run book actions from the Action Policy Manager page (Registry > Run Book > Actions). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Ticket Templates	After installation on a system (other than the author system), users will be allowed to edit the installed ticket templates from the Ticket Templates page (Registry > Ticketing > Templates). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.

Privilege	Actions
License Key - Credentials	After installation on a system (other than the author system), users will be allowed to edit the installed credentials from the Credential Management page (System > Manage > Credentials). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack. If the credential is organization-restricted on the author system, these restrictions won't apply on the target system.
License Key - Credential Tests	After installation on a system (other than the author system), users will be allowed to edit the installed credential tests from the Credential Test Management page (System > Customize > Credential Tests). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Proxy XSL Transformations	After installation on a system (other than the author system), users will be allowed to edit the installed Proxy XSL Transformations from the Proxy XSL Transformations page (Registry > Web Proxies > Proxy XSL Transformations). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - UI Themes	After installation on a system (other than the author system), users will be allowed to edit the installed themes from the Theme Management page (System > Customize > Themes). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.

Privilege	Actions
License Key - IT Services	After installation on a system (other than the author system), users will be allowed to edit the installed IT service policies from the IT Service Manager page (Registry > IT Services > IT Service Manager). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
License Key - Log File Monitoring Policies	After installation on a system (other than the author system), users will be allowed to edit the installed log file monitoring policies from the Log File Monitoring Policies page (System > Manage > Log File Monitoring Policies). In the PowerPack Properties page, users will be allowed to edit only the name and version number of the PowerPack. With only this privilege, users cannot access or edit any other pages for the PowerPack.
Intellectual Property Protection - Dynamic Applications	Adding Intellectual Property Protection to a Dynamic Application prevents users from viewing information required only for editing purposes, and from editing the Dynamic Application on any system except the system where the Dynamic Application was created. After installation on a system (other than the author system), users cannot disable the Intellectual Property Protection feature and can view only the [Properties] and [Subscribers] tab of the Dynamic Application (within the PowerPack or in the Dynamic Applications Manager page). Even if the PowerPack is installed with a license key that grants Administrator/Owner privileges, users won't be able to access all tabs for the Dynamic Application. When Intellectual Property Protections is enabled, the tabs below will not be displayed for the Dynamic Application: • Collections • Presentation • Thresholds • Snippets (for Dynamic Applications of type "snippet") • Requests (for Dynamic Applications of type "SOAP" and "XSLT") • Alerts

Privilege	Actions
Intellectual Property Protection - Event Policies	Adding Intellectual Property Protection to an event policy prevents users from viewing information required only for editing purposes, and from editing the event policy on any system except the system where the event policy was created.
	After installation on a system (other than the author system), users cannot disable the Intellectual Property Protection feature and can view only the [Policy] and [Suppressions] tab of the event policy application (within the PowerPack or in the Event Policy Manager page). Even if the PowerPack is installed with a license key that grants Administrator/Owner privileges, users won't be able to access all tabs for the event policy. When Intellectual Property Protections is enabled, the tab below will not be displayed for the event policy: • Advanced

Editing a PowerPack

If you have administrator rights for a PowerPack, you can edit an existing PowerPack.

If you have installed a PowerPack on a system other than the author system, your **editing privileges** are determined by the license key and/or intellectual property protection associated with the PowerPack.

To edit a PowerPack:

1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).

PowerPack [™] Name •	Version	Publisher	Apps	Events	Classes	Reports	Widgets	Dashbd S	Actions	Creds	Tckt Tpl	XSLT	Dev Tp	I ID	Edited By	Last Edited
																All
3Com Base Pack	1	ScienceLogic, Inc.			298						21			1	em7admin	2015-05-14 11:24:52
ADIC Base Pack	1.2	ScienceLogic, Inc.	22	24	23									2	em7admin	2015-05-14 11:24:53
Alcatel-Lucent Base Pack	1	ScienceLogic, Inc.	-		233									4	em7admin	2015-05-14 11:24:54
Alteon Base Pack	1.3	ScienceLogic, Inc.	23	215	26									5	em7admin	2015-05-14 11:24:54
Amazon Web Services	7.7.0	ScienceLogic, Inc.	2 144	271	294	23		220		21				6	em7admin	2015-10-14 14:47:57
APC Base Pack	7.3.6	ScienceLogic, Inc.	29	227	230									3	em7admin	2015-05-14 11:24:53
Arista Networks: Base	1.0	ScienceLogic, Inc.			265									153	em7admin	2015-09-04 11:37:45
Aruba Base Pack	1.1	ScienceLogic, Inc.	23											7	em7admin	2015-05-14 11:24:59
Ascend Communication Base Pack	1	ScienceLogic, Inc.			2 19									8	em7admin	2015-05-14 11:24:59
AskEM7 Query Widgets	7.2.3	ScienceLogic, Inc.					23							9	em7admin	2015-05-14 11:24:59
Attachmate Base Pack	1.1	ScienceLogic, Inc.	-		213									10	em7admin	2015-05-14 11:24:59
Avaya Base Pack	7.3.5	ScienceLogic, Inc.			243									11	em7admin	2015-05-14 11:25:00
Avocent ACS Pack	7.3.6	ScienceLogic, Inc.	24											12	em7admin	2015-05-14 11:25:00
Avocent Base Pack	1.1	ScienceLogic, Inc.	23		26								-	13	em7admin	2015-05-14 11:25:00
BL Test	1	BL												156	em7admin	2015-10-29 10:56:11
Blue Coat Base Pack	1.2	ScienceLogic, Inc.	21	22	210									15	em7admin	2015-05-14 11:25:02
BlueCat Base Pack	1.1	ScienceLogic, Inc.	22											14	em7admin	2015-05-14 11:25:00
Brocade Base Pack	7.3.6	ScienceLogic, Inc.	25	2 12	215									16	em7admin	2015-05-14 11:25:04
Cabletron Systems Base Pack	1	ScienceLogic, Inc.	-		2 15									17	em7admin	2015-05-14 11:25:05
Cisco CM Power-Pack	7.5.1	ScienceLogic, Inc.	236	≥]67	29	21	23			21				19	em7admin	2015-05-14 11:25:10
Cisco IPSLA	7.3.6	ScienceLogic, Inc.	2 10	261						21				20	em7admin	2015-05-14 11:25:13
Cisco Nexus	7.6.1	ScienceLogic, Inc.	263	2 34	253			21		22				21	em7admin	2015-10-06 10:42:39
Cisco Unity Pack	1.2	ScienceLogic, Inc.	22	26										22	em7admin	2015-05-14 11:25:19
Cisco VPN Pack	1.1	ScienceLogic, Inc.	22											23	em7admin	2015-05-14 11:25:19
Cisco: ACI	0.5	ScienceLogic, Inc.	2 42	27	2 20			28	22	23			21	142	em7admin	2015-11-24 14:03:02
Cisco: ACI Dashboards	0.5	ScienceLogic, Inc.						28						151	em7admin	2015-07-31 17:22:49
Cisco: Base Pack	7.6.1	ScienceLogic, Inc.	2 11	2 25	2 1403					22				18	em7admin	2015-10-06 10:42:33
Cisco: Contact Center Enterprise	0.5	ScienceLogic, Inc.	254	233	2 19					-				162	em7admin	2015-12-14 13:50:50
Cisco: CUCM Cisco Unified Communications Manager	1.0	ScienceLogic, Inc.	2 112	2 131	2152			223		21			21	149	em7admin	2015-08-28 14:28:51
Cisco: CUCM Dashboards	1.0	ScienceLogic, Inc.	-		-			28		-				150	em7admin	2015-08-03 13:38:00
Cisco: TelePresence: Endpoints	7.7.0	ScienceLogic, Inc.	2 10	285	247									24	em7admin	2015-10-28 13:26:18
Cisco: TelePresence: Infrastructure	7.3.4	ScienceLogic, Inc.	20	23	2 15						-		-	25	em7admin	2015-05-14 11:25:27
Cisco: TelePresence: Traps	7.3.6	ScienceLogic, Inc.	-	2 371										26	em7admin	2015-05-14 11:25:28
Cisco: UCS	7.5.5	ScienceLogic, Inc.	2 44	2157	29					21			21	27	em7admin	2015-06-02 18:30:52
Citrix Base Pack	7.3.6	ScienceLogic, Inc.	2 12	218									-	28	em7admin	2015-05-14 11:25:30

- 2. In the **PowerPack Manager** page, find the PowerPack you want to edit. Click its wrench icon (*V*)
- 3. You can edit one or more fields in the **PowerPack Properties** page. For details on the Navbar for a PowerPack and their fields, see the previous chapter on **Creating a PowerPack**.

NOTE: If you edit a content item in the PowerPack (either from the **Embedded** pane in the **Embedded/Available** page or from a page in the user interface) **after** the PowerPack is installed or the last time the PowerPack was compiled (whichever is late), that content item will be highlighted in red and will have an updated date in the **Last Edited** column in the **Embedded/Available** page.

- 4. If you edited the PowerPack, you must rebuild the PowerPack and generate a new license key. For details, see the section *Building the PowerPack and Generating a License Key*.
- 5. When you have finished building the PowerPack and generating the license key, you can export the updated PowerPack. For details, see the *Exporting a PowerPack* section.

NOTE: Any edits applied to the PowerPack before you create a new build will be highlighted in red in the **PowerPack** pages.

Editing Dynamic Applications in a PowerPack

You cannot use a PowerPack to globally delete an existing collection object. When you install a PowerPack on multiple systems, and you log in to one of those systems and delete a collection object from a Dynamic Application in that PowerPack, you must then log in to each system and manually delete that collection object from each system. Saving the edited PowerPack and re-installing it will not perform a deletion. This is a behavior built into the PowerPack to protect your data.

For example:

- Suppose you have a PowerPack named PowerPack_test.
- Suppose PowerPack_test includes a Dynamic Application named DynApp_test.
- Suppose you install PowerPack_test on two systems, EM7_sys1 and EM7_sys2.
- Suppose you:
 - Log in to EM7_sys1.
 - Edit PowerPack_test.
 - In PowerPack_test, edit DynApp_test.
 - In DynApp_test, delete a collection object called my_object.
 - Save PowerPack_test with a new version number.
 - Export the new version of **PowerPack_test**.
- Suppose you log in to EM7_sys2 and install the new version of PowerPack_test.
- The updated PowerPack will not delete the existing collection object from EM7 sys2.
- After installing PowerPack_test, go to the Dynamic Applications Manager page (System > Manage > Applications). Open the Dynamic Application DynApp_test. Notice that the Dynamic Application still contains the collection object my_object.
- To remove the collection object, you must manually edit the Dynamic Application and delete the collection object. You cannot use an updated PowerPack to delete the collection object.

Generating a New License Key for the PowerPack

To learn how to generate a new license key for a PowerPack, see the sections on generating embedded and unembedded license keys after the initial build in the chapter **Creating a PowerPack**.

Assigning a New License Key to an Already-Installed PowerPack

Suppose you want to change the privileges associated with an already-installed PowerPack, but you don't want to force the end-user to re-install the PowerPack. To do this, you can generate a new, un-embedded license key for the already-installed revision of the PowerPack.

The user of the PowerPack can then paste the new license key into the *License Key* field in the **PowerPack Properties** page for the PowerPack. To assign a new license key to an already-installed PowerPack:

- 1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
- 2. Find the PowerPack you want to assign a new license key to. Click its wrench icon (
- 3. In the PowerPack Properties page, click Build / Export.
- In the Compiled PowerPacks / Generate Installation Key page, each revision of the PowerPack is displayed. To select the PowerPacks revision for which you want to generate an installation key, click its pencil and paper icon (²⁰).

Editing PowerPack™ Avaya	Base Pack							
▼ Manage PowerPack™	Compiled PowerPacks™							
Properties	PowerPack Export File	Embedded License	MD5 Chedsum	Version	Revision	ID	Compiled +	
Build / Export	1. 🥜 🖬 Avaya_Base_Pack_Version-7_3_5	Admin	a14edd81502073e96ee6abb57100f6	7.3.5	48	113	2013-11-09 01:05:04	2
Features / Benefits								
Technical Notes								
Documentation								
 Contents 								
Dynamic Applications								
Event Policies								
Device Categories								
Device Classes								
Device Templates								
Device Groups								
Reports	Generate Installation/License Key for Avaya_Base_Pack_Ve	ersion-7_3_5, revision	n 48					
Dashboard Widgets		License key type:	Install & Use Only	~				
Dashboards			Install & Use Only					
Run Book Policies		ailable Types	1					
Run Book Actions		namic Applications avice Classes	Administrative (including export & lice	· · · ·				
Run Book Action Types	Re	eports	Manage content items of selected typ	es:				
Ticket Templates		cket Templates edentials	<u> </u>					
Credentials		edential Tests	*					
Credential Tests			_					
Proxy XSL Transformations								
UI Themes								
IT Services								
Log File Monitoring Policies			Generate Key					
AP Content Objects								

- 5. In the *License Key type* field, you can now select if you want to embed the license key in the PowerPack, and if so, how you would like the embedded key to function. Choices are:
 - Install & Use Only. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit only the name and version number of the PowerPack in the PowerPack
 Properties page. Users will not be allowed to edit any of the installed content, either from within the PowerPack or in the platform.

- Administrative (including export & license). After installation on another ScienceLogic system (other than the author system), users will be allowed to edit each of the installed items from this PowerPack. Users can edit the content from within the PowerPack and in the platform. Users will also be allowed to edit the properties of the PowerPack, delete content from the PowerPack, export the PowerPack, and generate a license key for the PowerPack.
- Manage Content Items of Selected Types. After installation on another ScienceLogic system (other than the author system), users will be allowed to edit the installed content type, from the associated page in the user interface. In the **PowerPack Properties** page, users will be allowed to edit only the name and version number of the PowerPack. Users cannot access or edit any other pages for the PowerPack.
- 6. Click the **Generate Key** button. When the new license key appears in the *Generated Install Key* field, copy the license key and paste it into a text file.

Deleting One or More PowerPacks

If you have the appropriate Access Keys, you can delete one or more PowerPacks from the **PowerPack Manager** page.

CAUTION: When you delete a PowerPack, the platform automatically deletes the associated content from the ScienceLogic system and all data associated with it. For example, if a PowerPack includes a Dynamic Application, when you delete the PowerPack, the Dynamic Application is removed from the platform. If you go to the **Dynamic Applications Manager** page (System > Manage > Applications), that Dynamic Application will not appear. In addition, all data collected from all devices with that Dynamic Application will also be deleted. If you must delete a PowerPack but want to keep the installed content, you should first remove the content from the PowerPack. To remove content from a PowerPack, you must either have administrator/owner privileges for the PowerPack or you must be the creator of the PowerPack. For details on privileges associated with PowerPacks, see the chapter on **Creating a PowerPack**.

To delete a PowerPack:

1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).

								Dashbd								
PowerPack™ Name -	Version	Publisher	Apps	Events	Classes	Reports	Widget	1	Actions	Creds	Tckt Tpl	XSLT	Dev Tp		Edit	All
Com Base Pack	1	ScienceLogic. Inc.	-		21298						21			1	em7admin	2015-05-14 11:24:52
ADIC Base Pack	1.2	ScienceLogic, Inc.	212	24	213									2	em7admin	2015-05-14 11:24:53
Acatel-Lucent Base Pack	1	ScienceLogic, Inc.			2133									4	em7admin	2015-05-14 11:24:54
Viteon Base Pack	1.3	ScienceLogic, Inc.	23	215	216									5	em7admin	2015-05-14 11:24:54
Amazon Web Services	7.7.0	ScienceLogic, Inc.	2144	2171	2194	213		2120		211				6	em7admin	2015-10-14 14:47:57
VPC Base Pack	7.3.6	ScienceLogic, Inc.	29	227	2130									3	em7admin	2015-05-14 11:24:53
vista Networks: Base	1.0	ScienceLogic, Inc.			2165									153	em7admin	2015-09-04 11:37:45
Aruba Base Pack	1.1	ScienceLogic, Inc.	23											7	em7admin	2015-05-14 11:24:59
Ascend Communication Base Pack	1	ScienceLogic Inc.			2 19									8	em7admin	2015-05-14 11:24:59
AskEM7 Query Widgets	723	ScienceLogic, Inc.					213							9	em7admin	2015-05-14 11:24:59
Attachmate Base Pack	1.1	ScienceLogic, Inc.			213		-							10	em7admin	2015-05-14 11:24:59
wava Base Pack	7.3.5	ScienceLogic Inc.			243									11	em7admin	2015-05-14 11:25:00
wocent ACS Pack	7.3.6	ScienceLogic, Inc.	24		-									12	em7admin	2015-05-14 11:25:00
wocent Base Pack	1.1	ScienceLogic, Inc.	23		26									13	em7admin	2015-05-14 11:25:00
3L Test	1	BL	-											156	em7admin	2015-10-29 10:56:11
Blue Coat Base Pack	12	ScienceLogic, Inc.	21	212	2110									15	em7admin	2015-05-14 11:25:02
BlueCat Base Pack	1.1	ScienceLogic, Inc.	22											14	em7admin	2015-05-14 11:25:00
Brocade Base Pack	7.3.6	ScienceLogic, Inc.	215	212	215									16	em7admin	2015-05-14 11:25:04
Cabletron Systems Base Pack	1	ScienceLogic, Inc.			2 15									17	em7admin	2015-05-14 11:25:05
Cisco CM Power-Pack	7.5.1	ScienceLogic, Inc.	236	267	219	21	213			21				19	em7admin	2015-05-14 11:25:10
Cisco IPSLA	7.3.6	ScienceLogic, Inc.	2 10	261	-	-	-			211				20	em7admin	2015-05-14 11:25:13
Disco Nexus	7.6.1	ScienceLogic, Inc.	263	234	253			21		22				21	em7admin	2015-10-06 10:42:39
Cisco Unity Pack	1.2	ScienceLogic, Inc.	212	216										22	em7admin	2015-05-14 11:25:19
Cisco VPN Pack	1.1	ScienceLogic, Inc.	22											23	em7admin	2015-05-14 11:25:19
Disco: ACI	0.5	ScienceLogic, Inc.	2 42	27	220			28	212	213			21	142	em7admin	2015-11-24 14:03:02
Cisco: ACI Dashboards	0.5	ScienceLogic, Inc.	<u>_</u> _+2	<u>,</u>	2.20			218	<u>, , , , , , , , , , , , , , , , , , , </u>	<u>_</u>			<u></u>	151	em7admin	2015-07-31 17:22:49
Cisco: Base Pack	7.6.1	ScienceLogic, Inc.	2 11	2125	2 1403			-		212				18	em7admin	2015-10-06 10:42:33
Disco: Contact Center Enterprise	0.5	ScienceLogic, Inc.	254	233	219					<u></u>				162	em7admin	2015-12-14 13:50:50
Disco: CUCM Cisco Unified Communications Manager	1.0	ScienceLogic, Inc.	21112	21131				223		211			211	149	em7admin	2015-08-28 14:28:51
Cisco: CUCM Dashboards	1.0	ScienceLogic, Inc.		2101				2128						150	em7admin	2015-08-03 13:38:00
Disco: TelePresence: Endpoints	7.7.0	ScienceLogic, Inc.	2110	2185	247									24	em7admin	2015-10-28 13:26:18
Disco: TelePresence: Infrastructure	7.3.4	ScienceLogic, Inc.	220	223	2 15									25	em7admin	2015-05-14 11:25:27
Disco: TelePresence: Traps	7.3.6	ScienceLogic, Inc.		21371										26	em7admin	2015-05-14 11:25:28
Cisco: UCS	7.5.5	ScienceLogic, Inc.	244	2 57	29					21			21	27	em7admin	2015-06-02 18:30:52
Citrix Base Pack	7.3.6	ScienceLogic Inc.	2 12	2 18						-				28	em7admin	2015-05-14 11:25:30
		a contractogra, ma	2 12	2010												[Select Action]

- 2. Find the PowerPack you want to delete. Click its checkbox (
- 3. Click the checkbox for each PowerPack you want to delete.
- 4. In the **Select Action** drop-down field (in the lower right), choose Delete PowerPack(s).
- 5. Click the **[Go]** button.
- 6. In the pop-up window that appears, click the **[OK]** button.
- 7. The selected PowerPacks will be deleted from the ScienceLogic platform.

Removing Content from a PowerPack

If you have the license key with author's privileges for a PowerPack or if you have owner/administrator privileges with your license key, you can remove content from a PowerPack. There are two situations where you might want to remove content from a PowerPack.

- If you must delete a PowerPack but want to keep the installed content, you should first remove the content from the PowerPack.
- Each piece of content in the platform (Dynamic Application, event policy, device class, custom report, custom dashboard-widget, run book policy, run book action, ticket template, credential, Proxy XSL Transformations, UI themes, and/or IT services) can be included in **only one** PowerPack. If you want to include content in a second PowerPack, you must first remove the content from the first PowerPack.
- You cannot use a PowerPack to delete existing collection objects from a Dynamic Application. For details, see the section on *Editing a Dynamic Application in a PowerPack*.

To remove content from a PowerPack:

1. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).

								Dashbd									
PowerPack™ Name •	Version	Publisher	Apps	Events	Classes	Reports	Widgets	1 2	Actions	Creds	Tckt Tpl	XSLT	Dev Tpl		Edited By	All I	
3Com Base Pack	1	ScienceLogic Inc.			298						21			1	em7admin	2015-05-14 11:24:52	
ADIC Base Pack	1.2	ScienceLogic, Inc.	2	24	230						<u>, , , , , , , , , , , , , , , , , , , </u>			2	em7admin	2015-05-14 11:24:53	
Alcatel-Lucent Base Pack	1	ScienceLogic Inc.		-	2133									4	em7admin	2015-05-14 11:24:54	
Alteon Base Pack	1.3	ScienceLogic, Inc.	23	215	216									5	em7admin	2015-05-14 11:24:54	
Amazon Web Services	7.7.0	ScienceLogic Inc.	2144	2171	2194	213		2120		21				6	em7admin	2015-10-14 14:47:57	
APC Base Pack	7.3.6	ScienceLogic, Inc.	29	227	230									3	em7admin		
Arista Networks: Base	1.0	ScienceLogic, Inc.			2165									153	em7admin	2015-09-04 11:37:45	
Aruba Base Pack	1.1	ScienceLogic Inc.	23											7	em7admin	2015-05-14 11:24:59	
Ascend Communication Base Pack	1	ScienceLogic, Inc.			2 19									8	em7admin	2015-05-14 11:24:59	
AskEM7 Query Widgets	7.2.3	ScienceLogic, Inc.					213							9	em7admin	2015-05-14 11:24:59	
P Attachmate Base Pack	1.1	ScienceLogic Inc.			213		-							10	em7admin	2015-05-14 11:24:59	
Avava Base Pack	7.3.5	ScienceLogic, Inc.			243									11	em7admin	2015-05-14 11:25:00	
Avocent ACS Pack	7.3.6	ScienceLogic, Inc.	24		-									12	em7admin	2015-05-14 11:25:00	
Avocent Base Pack	1.1	ScienceLogic, Inc.	23		26									13	em7admin	2015-05-14 11:25:00	
ABL Test	1	BL			-									156	em7admin	2015-10-29 10:56:11	
Blue Coat Base Pack	1.2	ScienceLogic. Inc.	21	212	2110									15	em7admin	2015-05-14 11:25:02	
PBlueCat Base Pack	1.1	ScienceLogic, Inc.	22											14	em7admin	2015-05-14 11:25:00	
PBrocade Base Pack	7.3.6	ScienceLogic, Inc.	215	2112	215									16	em7admin	2015-05-14 11:25:04	R.
Cabletron Systems Base Pack	1	ScienceLogic, Inc.	-	-	2 15									17	em7admin	2015-05-14 11:25:05	
Cisco CM Power-Pack	7.5.1	ScienceLogic, Inc.	236	267	219	21	23			21				19	em7admin	2015-05-14 11:25:10	
Cisco IPSLA	7.3.6	ScienceLogic. Inc.	2 10	2161						21				20	em7admin	2015-05-14 11:25:13	
Cisco Nexus	7.6.1	ScienceLogic, Inc.	2 63	234	253			21		22				21	em7admin	2015-10-06 10:42:39	
P Cisco Unity Pack	1.2	ScienceLogic, Inc.	22	216				-		-				22	em7admin	2015-05-14 11:25:19	
Cisco VPN Pack	1.1	ScienceLogic, Inc.	22							-	-			23	em7admin	2015-05-14 11:25:19	
CISCO: ACI	0.5	ScienceLogic. Inc.	242	217	2120			218	22	213			21	142	em7admin	2015-11-24 14:03:02	
Cisco: ACI Dashboards	0.5	ScienceLogic, Inc.						218						151	em7admin	2015-07-31 17:22:49	
Cisco: Base Pack	7.6.1	ScienceLogic, Inc.	2111	2125	21403			-		212				18	em7admin	2015-10-06 10:42:33	
Cisco: Contact Center Enterprise	0.5	ScienceLogic, Inc.	254	233	2 19									162	em7admin	2015-12-14 13:50:50	
Cisco: CUCM Cisco Unified Communications Manager	1.0	ScienceLogic, Inc.	2112	21131	2152			2123		21			211	149	em7admin	2015-08-28 14:28:51	R
Cisco: CUCM Dashboards	1.0	ScienceLogic, Inc.						2128					-	150	em7admin	2015-08-03 13:38:00	
Cisco: TelePresence: Endpoints	7.7.0	ScienceLogic, Inc.	210	285	A7									24	em7admin	2015-10-28 13:26:18	
Cisco: TelePresence: Infrastructure	7.3.4	ScienceLogic, Inc.	220	223	215									25	em7admin	2015-05-14 11:25:27	
Cisco: TelePresence: Traps	7.3.6	ScienceLogic, Inc.		2371	-									26	em7admin	2015-05-14 11:25:28	
Cisco: UCS	7.5.5	ScienceLogic, Inc.	244	2157	219					21			21	27	em7admin	2015-06-02 18:30:52	
Citrix Base Pack	736	ScienceLogic, Inc.	2112	2 18	-					-				28	em7admin	2015-05-14 11:25:30	

2. Find the PowerPack you want to edit. Click its wrench icon (\checkmark).

3. In the **PowerPack Properties** page, in the Navbar on the left side, select the option for the content you want to remove.

Editing PowerPack [™] Amaz	ron Web Services
▼ Manage PowerPack™	Properties
Properties	
Build / Export	Name Amazon Web Services Creation [em7admin [2013-04-15 21:01:15]
Features / Benefits	Version 108 Modification [em7admin [2018-07-20 03:24:17]
Technical Notes	Publisher ScienceLogic, Inc. Revision 19931
Documentation	License Key KAtisRkNXAqCMsi2Uiqyl3bDGbWdfZ8CViT27cBDqfyHMc ID 35
Contents	(end in the generacity) are contracted in a coupling in the
Dynamic Applications	Description This DevenDack supports monitoning of Vendor(s) Supported Amazon Web Services. Inc.
Event Policies	Uescription This PowerPack supports monitoring of Amazon Web Services account activities. Model(s) Supported Amazon Web Services
Device Categories	Amazoni web service account accivices among ouppoints Annacon verses
Device Classes	Version(s) outputer (NA
Device Templates	Minimum EW/ Version (8.5.0
Device Groups Reports	
Dashboard Widgets	Release Notes and Change Log
Dashboards	
Run Book Policies	B· ♂ B I U S A· TI· ◆· ¶· ↗· ≡ ☲ ⊑ 듣 ⊞ - � @ ■ Ø <>
Run Book Actions	
Run Book Action Types	Version 108:
Ticket Templates	1. Fixed RDS discovery in AWS, GOV and China accounts.
Credentials	Fixed the incorrect matching between volumen Id and EC2 name in the EBS config report.
Credential Tests	Fixed EMR availability and the vanish functionality for EMR unavailable components.
Proxy XSL Transformations	4. Added AWS LightSail Service Discovery dynamic application.
UI Themes	Save
IT Services	
Log File Monitoring	
Policies	
AP Content Objects	

NOTE: The entries under the **Contents** link are dependent upon your Access Hooks. An entry appears only if you have been granted an Access Key that contains the Access Hook that allows you to view the content-type in the platform. For example, the **Dynamic Applications** entry will appear under the **Contents** link only if you have permission to view the list of Dynamic Applications in the **Dynamic Applications** in the **Dynamic Applications**.

- **Dynamic Applications**. Select this option to remove one or more Dynamic Applications from the PowerPack.
- Event Policies. Select this option to remove one or more event policies from the PowerPack.
- Device Categories. Select this option to remove one or more device categories from the PowerPack.
- Device Classes. Select this option to remove one or more device classes from the PowerPack.
- Device Templates. Select this option to remove one or more device templates from the PowerPack.
- Reports. Select this option to remove one or more custom reports from the PowerPack.
- **Dashboard Widgets**. Select this option to remove one or more custom dashboard-widgets from the PowerPack.
- **Dashboards**. Select this option to remove one or more dashboards or device dashboards from the PowerPack.
- **Run Book Policies**. Select this option to remove one or more custom run book policies from the PowerPack.

- *Run Book Actions*. Select this option to remove one or more custom run book actions from the PowerPack.
- **Run Book Action Types**. Select this option to remove one or more run book action types from the PowerPack.
- *Ticket Templates*. Select this option to remove one or more custom ticket templates from the PowerPack.
- **Credentials**. Select this option to remove one or more credentials from the PowerPack. If you delete an Embedded credential that is aligned to an organization you are not a member of, that credential will no longer be available to you.
- Credential Tests. Select this option to remove one or more credential tests from the PowerPack.
- **Proxy XSL Transformations**. Select this option to remove one or more Proxy XSL Transformations from the PowerPack.
- UI Themes. Select this option to remove one or more UI themes from the PowerPack.
- IT Services. Select this option to remove one or more IT Services from the PowerPack.
- Log File Monitoring Policies. Select this option to remove one or more log file monitoring policies from the PowerPack.
- AP Content Objects. Select this option to remove one or more AP content objects from the PowerPack.
- 4. In the **Embedded/Available** page for the content, go to the **Embedded** pane at the top of the page.

▼ Manage PowerPack™	PowerPack [™] Documentation Files					Upload
Properties		le •	Visibility	Edited By	Modified	
Build / Export	1. Cisco_Base_Pack.pdf	🚡 Priva		em7admin	2018-04-24 00:25:26	- B o
Features / Benefits						-
Technical Notes						
Documentation						
 Contents 						
Dynamic Applications						
Event Policies						
Device Categories						
Device Classes						
Device Templates						
Device Groups						
Reports						
Dashboard Widgets						
Dashboards						
Run Book Policies						
Run Book Actions						
Run Book Action Types						
Ticket Templates						
Credentials						
Credential Tests						
Proxy XSL Transformations						
UI Themes						
IT Services						
Log File Monitoring Policies						
AP Content Objects						

5. Find the content you want to remove from the PowerPack. Click the bomb icon () for that content. The content will be removed from the PowerPack and will now appear in the bottom pane.

© 2003 - 2018, ScienceLogic, Inc.

All rights reserved.

LIMITATION OF LIABILITY AND GENERAL DISCLAIMER

ALL INFORMATION AVAILABLE IN THIS GUIDE IS PROVIDED "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED. SCIENCELOGIC [™] AND ITS SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

Although ScienceLogic[™] has attempted to provide accurate information on this Site, information on this Site may contain inadvertent technical inaccuracies or typographical errors, and ScienceLogic[™] assumes no responsibility for the accuracy of the information. Information may be changed or updated without notice. ScienceLogic[™] may also make improvements and / or changes in the products or services described in this Site at any time without notice.

Copyrights and Trademarks

ScienceLogic, the ScienceLogic logo, and EM7 are trademarks of ScienceLogic, Inc. in the United States, other countries, or both.

Below is a list of trademarks and service marks that should be credited to ScienceLogic, Inc. The ® and ™ symbols reflect the trademark registration status in the U.S. Patent and Trademark Office and may not be appropriate for materials to be distributed outside the United States.

- ScienceLogic[™]
- EM7[™] and em7[™]
- Simplify IT™
- Dynamic Application™
- Relational Infrastructure Management[™]

The absence of a product or service name, slogan or logo from this list does not constitute a waiver of ScienceLogic's trademark or other intellectual property rights concerning that name, slogan, or logo.

Please note that laws concerning use of trademarks or product names vary by country. Always consult a local attorney for additional guidance.

Other

If any provision of this agreement shall be unlawful, void, or for any reason unenforceable, then that provision shall be deemed severable from this agreement and shall not affect the validity and enforceability of any remaining provisions. This is the entire agreement between the parties relating to the matters contained herein.

In the U.S. and other jurisdictions, trademark owners have a duty to police the use of their marks. Therefore, if you become aware of any improper use of ScienceLogic Trademarks, including infringement or counterfeiting by third parties, report them to Science Logic's legal department immediately. Report as much detail as possible about the misuse, including the name of the party, contact information, and copies or photographs of the potential misuse to: legal@sciencelogic.com



800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010