

Managing Media Operations in a Multicloud Environment

CONTROLLING THE CLOUDS WITH BLAM

'THE CLOUD' BENEFITS MEDIA OPERATORS

- Scale: infinite scale for material storage and processing
- Resilient capability at fractional incremental cost
- Robust security model
- Global access to content enabling remote & collaborative operations
- Pay as you go (grow) commercial models
- Service interoperability a very welcome development in the broadcast and media industry!

TAKE UP IS ACCELERATING BUT...







VISIBILITY

"we recently uploaded over a petabyte of media into the cloud as our backup / safety copy but now cannot see what we have without restoring it"

"with all the promise of scalability our operation still suffers bottlenecks. Ironically in the cloud it is difficult to see where...."

d ×

← → C 🔒 console.cloud.google.com/storage/browser/bl-goog-bucket;tab=objects?authuser=1&hl=en&project=serious-cat-173013&prefix=&forceOnObjectsSortingFiltering=false

◎ ☆ 🔩 🖷 🖶 🕂 🚳 🖈 🕕 🗄

	Google Cloud Platform	🐉 Test 👻		Q Search produc	ts and resources			~	>_			
- •	Storage	← Bucket detai	ls								C REFRESH	
	Browser	bl-goog-bucket										
	Monitoring	OBJECTS CONF	IGURATION PERMISSION	S RETENTION	LIFECYCLE							
\$	Settings	Buckets > bl-goog-bu	ICKET 🗗	ER MANAGE HOLD	DS DELETE							
		= Filter Filter by objec	t or folder name prefix								I	ł
		Name Name	Size Type	Created time 💡	Storage class	Last modified	Public access 🕐	Encryption 😮	Retention expiration date 💡	Но	lds 🕜	
		DMZ/	– Folder	_	_	_	_	_	-	_		:
		master/	– Folder	_	_	_	_	_	_	_		:
		proxy/	– Folder	-	_	_	_	_	_	_		:

MEDIA VISIBILITY IN BLAM

- Browse / proxy version created of every media and non media asset
- Relationships between assets may be inferred or defined
- Metadata catalogue and descriptive imported from live or legacy systems
- New metadata generation using AI and other tools
- Powerful search capability to support simplified discovery
- Use of cloud storage tagging tools to persist data at the object level

Blue Lucy Automation for Media × +

BLAM

6 offthefence.bluelucy.com/metadata C

٥

Ħ ٠ ☆

USER BLADMIN

butterflies > • SEARCH RESULTS: 1 - 13 (total: 13) $\leftarrow \rightarrow$ Sort by $\Box \checkmark = \Box$ Spirits Of Orchid Island Ep 0 Product: Master Serial: 154014 Last Modified: 07-07-20 Language: German Dragons & Damsels: Ultimate Insects Ep 0 Serial: 152078 Product: Master Language: English Last Modified: 07-07-20 Dragons & Damsels: Ultimate Insects Ep 0 Product: Master Serial: 148998 Language: English Last Modified: 07-07-20 Sex, Lies And Butterflies Ep 0 • X anguage: English

WORKSPACES

Job Statements

- World in Slow Motion
- Black and silence
- 📴 Spanish_Castilian_Aerial_America_S01E48_Indiana_ProRes_HD_Text 🛪
- Lost DNA, The Ep 1 EDL
- Age Of The Big Cats Ep 3 EDL
- Lost DNA, The Ep 2 EDL
- Growing Up Hip Hop (Series 7) Ep 1 EDL
- 📴 X19011_3_SpaceDisasters_FixingOnTheFly_PM_OTF_5100_SMLS_UHD_7
- Para Memphis Belle In Color Ep 0 EDL
- Parial Egypt Ep 1 EDL
- 📴 Long Time Coming: A 1955 Baseball Story VOD

◄ Pagelof1 ▶

C

Sex, Lies And Butterflies Ep 0 •





Original Filename: Sex_Lies_And_Butterflies_ProResUHD_25fps_Texted_WTE Series Title: Sex. Lies And Butterflies Episode Name: Producer: Terra Mater Factual Studios GmbH EasyTrack TiCode: 04011 EasyTrack Serial Number: 152086 File Source: Visual Data Snowball 1 Video Frame Rate (FPS): 25 Video CODEC: ProRes 3840 x 2160 Video Resolution: BLAM ID: 351057

Drag and drop an asset here to merge	
Select Groups	▼ EDIT

Original Filename	Sex_Lies_And_Butterflies_P	ProResUHD_25fps_Texted_W	/TB.mov	Ingest Filename	Sex_Lies_And_Butterflies_ProResUHD_25fps_Texted_WTB.mov				
EasyTrack TiCode	04011	EasyTrack Serial No.	152086	Product Type	Master	MediaType	Video		
Commercial Duration		Product Format	Pro Res HQ 422 UHD 25p	Version					
Series Title	Sex, Lies And Butterflies			Series Number					
Episode Name				Episode Number					
Producer	Terra Mater Factual Studi	Country of Origin	Austria	Production Year	2017				
Full Subtitles	-	Subtitled Sections	=	Texted	Texted	Textless at End	Textless At End		
Titles		Captions		Original Language		Product Language	English		
Description									

Version 28 (Current)

<

🔅 Blue Lucy Autom ation for Media 🗙 🕂				- 0	×
igstarrow igstarro	ବ	🖈 🕐 🗛	🗉 🖡 🖊	🔹 🛪 🧕	:
😑 Banijay 🔅 BLAM 💮 🔇	METADATA		R BLADMIN	MENU ✓	Ś
hollywood Q SEARCH MEDIA ONLY N TEMPORAL N TITLES ONLY OFF ADVANCED SEARCH SEARCH RESULTS:1-1 (total:1) + → Sort by P E QC Status: Location: Blue Lucy Ireland S3 Division: Version:	Anie'sSchwarzenegger'sSOGreatestEverStunts_ENG_SIZZLE 01:00:39:24 01:01:54:24 Series Title: Series Number: Legal Producer: Navision ID: Occation: Video Frame Rate (FPS); 25 OC Status: Video CODEC: AVC (H264) Video Resolution: 1920 x 1080 Division: Division				
WODKSDACES	Drag and drop an asset here to merge		ME	RGE CANCE	
WORKSPACES Location Australia S3 Promo					
Arnie'sSchwarzenegger'sSOGreatestE • × QC Status: Location: Blue Lu	KEY INFORMATION AUDIO INFORMATION CONTENT INFORMATION LIBRARY INFORMATION PRODUCER METADATA PHYSICAL ASSETS MANDATORY	LOG TEMPO		ONS	
Territoria Division: Version:	01:00:00:08 - 01:00:15:17 Speaker0 Hello. I'm Arnold Scwartzenegger and welcome to the most epic, death defying, record breaking and downright crazy show you'll ever see. AmazonTranscribe	Audio	en-AU	Transcriptio	n
	01:00:31:15 - 01:00:38:08 Speaker1 He wants to talk about his stunts. He wants everyone to know that he does those stunts, but still he done them. AmazonTranscribe	Audio	en-AU	Transcriptio	n
	01:00:39:16 - 01:00:39:24 Speaker0 If a AmazonTranscribe	Audio	en-AU	Transcriptio	n
BRANDS	01:00:39:24 - 01:00:49:08 Speaker2 Hollywood movie star wants to do is un stunts, then he should be allowed to do them. However, if I was his producer, I might be getting a little bit worried, especially his age. AmazonTranscribe	Audio	en-AU	Transcriptio	n
Search for folders Q SEARCH	01:00:52:18 - 01:00:53:23 Speaker3 Helen. How is like AmazonTranscribe	Audio	en-AU	Transcriptio	n
✓ Pagelofl ►	EDIT Inherited Metadata 🗸				

Blue Lucy Autom ation for Media X +		- a ×
← → C ≜ bluelucy.com/media		२ 🛧 🕐 🖷 🗍 🦊 🦗 😥 :
🌣 BLAM 🛞 🔘	MEDIA	USER BLADMIN 🕑 MENU 🤅
Search for assets. Q SEARCH > MEDIA ONLY OT TEMPORAL OFF TITLES ONLY OT ✓ ADVANCED SEARCH Sort Sort	<section-header><section-header></section-header></section-header>	PARENTS CHILDREN SIBLINGS RELATIONS
Language: English Last Modified: 27-11-19 Zambezi Crescent Ep 4 0 × Product: Master Serial: 103757 Language: English Last Modified: 27-11-19		

03-12-19

17-01-20

WORKSPACES

Language: English

	ANZ Pilot 51 MIX-V Product: Language:	/O STEM_04Ls Serial: Last Modified: 18	o×
	LAH_503_MUSICL Product: Language:	Serial: Last Modified: 18	0 X
PROJECTS			
		Las	
Search for folders		Q	

File Key: Zambezi_Crescent_S01E01_Texted_103754.mov Library Storage Class: GLACIER Restore Expiration: 2020-05-24T00:00:00 Created: 03-12-19 09:40:41 PROXY 4x2 + 2x1 TC Browse > Thumbnail Thumbnail

Proxy

Thumbnails

Total Asset Cost: USD: 1.98

TECHNICAL INFORMATION

	FILE INFORMATION			
Original Filename:	Checksum: Not calculated			
Zambezi_Crescent_S01E01_Texted_103754.mov				
File type: MPEG-4 QuickTime	Date Created: 05-03-15 11:57:44			
File size: 36.92 GB	Written by: Apple QuickTime			
Overall bit rate: 185.7 Mbps				
	VIDEO INFORMATION			
Codec: ProRes	Media Duration: 00:28:27:24			
Start Timecode: 09:58:00:00	End Timecode: 10:26:27:24			
Resolution: 1920 x 1080	Aspect Ratio: 16:9			
Frame Rate: 25 fps	Rotation: 0°			
Bit Depth: No info	Bit Rate: 174.13 Mbps			
Scan Type: Interlaced	Chroma Subsampling: 4:2:2			
Scan Order: TFF	Colour Space: No info			
Matrix Coefficients: No info	Colour Range: No info			
Fransfer Characteristics: No info	Colour Primaries: No info			
GOP Open/Close: No info	Pixel Aspect Ratio: 1			
	AUDIO INFORMATION			
Simple Audio Layout: 1:2 2:2 3:2 4:2 5:1 6:1	Media Duration: No Info			
Total Audio Tracks: 6	Total Audio Channels: 10			

WORKFLOW PROCESS VISIBILITY IN BLAM

- Workflows status reporting, in real time
- Job queue status reporting, in real time
- Error notification via email or SMS
- Work order monitoring with task based breakdown
- Manual task management with filtering



<

aws

C eu-west-1.console.aws.amazon.com/mediaconvert/home?region=eu-west-1#/jobs/list

Ġ

ର 🖈 🜔 🔤 🌐 ଲା *

▲ Ireland ▼ Support ▼

Services V								🗘 Ireland
S Elemental X diaConvert	AWS Eler	nental MediaConvert > Jobs						
	Jobs	5				C Refresh	Cancel job	Import job Create job
ut presets	Any	status	•	Any queue	•			< 1 >
emplates			First in sut file a		Cultura it times	Finish dime	Chatura	
25		חן מסנ	First input file f	lame	Submit time	Finish time	Status	ob percent complete Queue
cates	0	1604952936848-y3q4rw	peloton51_1009	02020jess_king0350pmdrastic1e28c00a3158849b5bb7b8f81b4854d18003.	.mp4 2020-11-09 20:15:36	2020-11-09 20:16:03	COMPLETE	Default
	0	1604936826003-jq0mhq	peloton54_1015	;2020becs_gentry0830amdrastic1e6e15bdbcd0a45ce8404f43d8e7ac89900	04.mp4 2020-11-09 15:47:06	2020-11-09 16:10:26	COMPLETE	Default
	0	1604936510242-1ztzhn	peloton53_X100	172020chase_tucker1100amdrastic241595d09c31c4efabeab225391f2891a.	mp4 2020-11-09 15:41:50	2020-11-09 15:54:34	COMPLETE	Default
	0	1604935363140-qhvhlv	peloton51_1009	02020jess_king0350pmdrastic1e28c00a3158849b5bb7b8f81b4854d18003.	.mp4 2020-11-09 15:22:43	2020-11-09 15:39:56	COMPLETE	Default
	0	1604934054676-ryl6ba	peloton8_X1007	2020chase_tucker1100amdrastic241595d09c31c4efabeab225391f2891a.m	1p4 2020-11-09 15:00:54	2020-11-09 15:13:37	COMPLETE	Default
	0	1604833327722-fdzqx2	banijay_21_2020	01108100642.mp4	2020-11-08 11:02:07	2020-11-08 11:03:23	COMPLETE	Default
	0	1604832901426-yn5tw9	banijay_20_2020	01108101338.mp4	2020-11-08 10:55:01	2020-11-08 10:55:51	COMPLETE	Default
	0	1604832602238-dl3g4e	banijay_19_100	72020chase_tucker1100amdrastic241595d09c31c4efabeab225391f2891a0	02.mp4 2020-11-08 10:50:02	2020-11-08 11:02:48	COMPLETE	Default
	0	1604570602702-r8lyhb	banijay_7_Arnies	Schwarzeneggers50GreatestEverStunts_ENG_SIZZLE.mov	2020-11-05 10:03:22	2020-11-05 10:03:33	COMPLETE	Default
	0	1603980858285-m021hy	banijay_5_Locat	ionAustraliaS3Promo.mov	2020-10-29 14:14:18	2020-10-29 14:14:29	COMPLETE	Default
	0	1603980535511-q1jtar	banijay_5_Locat	ionAustraliaS3Promo.mov	2020-10-29 14:08:55	2020-10-29 14:09:04	COMPLETE	Default
	0	1603979508715-a5yn0m	banijay_5_Locat	ionAustraliaS3Promo.mov	2020-10-29 13:51:48	2020-10-29 13:51:57	COMPLETE	Default
	0	1603979030678-8dp224	banijay_5_Locat	ionAustraliaS3Promo.mov	2020-10-29 13:43:50	2020-10-29 13:44:01	COMPLETE	Default
	0	1603978617999-a3sfik	banijay_5_Locat	ionAustraliaS3Promo.mov	2020-10-29 13:36:58	2020-10-29 13:37:08	COMPLETE	Default
	0	1603977923981-4s2n0v	banijay_7_Arnies	sSchwarzeneggers50GreatestEverStunts_ENG_SIZZLE.mov	2020-10-29 13:25:24	2020-10-29 13:26:06	COMPLETE	Default
	0	1603977679473-ey396g	banijay_5_Locat	ionAustraliaS3Promo.mov	2020-10-29 13:21:19	2020-10-29 13:21:28	COMPLETE	Default
	0	1603973377576-yoma9d	banijay_5_Locat	ionAustraliaS3Promo.mov	2020-10-29 12:09:37	2020-10-29 12:10:36	COMPLETE	Default
	0	1603844218153-lwkiw6	accedo_772_202	201028000949.mp4	2020-10-28 00:16:58	2020-10-28 00:17:35	COMPLETE	Default
	0	1603832213991-dab0zr	accedo_771_202	201027204942.mp4	2020-10-27 20:56:54	2020-10-27 20:57:47	COMPLETE	Default
	0	1603831940578-lthvnz		201027204246 mp4	2020-10-27 20-53-20	2020-10-27 20:53:00		Default

C DASHBOARD

O

SER BLADMIN

MEDIA MOVEMENT (LAST 30 DAYS)

BLIDGET STATUS Generate Checksums

H1628B_THE_SLAP_S01E03_AEL0003948_POST_2100 Migration: S3 Upload System

H080AO_COUNTING_CARS_S03BE04_US56_POWER_AND_G... () Migration: S3 Upload System

H012_WEAPONS_AT_WAR_S01E14_NAVAL_AVIATION_SAT_T... () Migration: S3 Upload System

H085AG_PAWN_STARS_S16E29_US386_CROSSING_CHUM_A... () Migration: S3 Upload System

H087AX_THE_JAIL_60_DAYS_IN_S01E04_US05_FRIENDS_WI... 0

H085AV_AX_MEN_S09E04_MADMEN_OF_THE_MOUNTAIN_A... () Migration: S3 Upload System

H1608D_BLACK_SAILS_S01E06_US106_POST_2100_TXM Migration: S3 Ubload System

H066BA_AMERICAN_PICKERS_S04E19_US63_BE_17_DANCE... () Migration: S3 Upload System

H07BAQ_DANCE_MOMS_S03E13_USS_SHES_A_MANIAC_SA... () Migration: S3 Upload System

H1597_TRUE_STORIES_S01E05_EPISODE_5_POST_2100_TXM

HOBOBE_STORAGE_WARS_S02E31_BLAME_IT_ON_THE_RAIN... Migration: S3 Upload System 10-11-20 9-23 AM

H1664A_DONT_TELL_THE_BRIDE_S03E05_RITESH_AND_SHE... (Migration: S3 Upload System 10-11-20 9:17 AM --> 10-11-20 9:23 AM

 H084AS_FLIPPINC_BOSTON_S01E04_NEW_FLIPPER_ON_TH...
 (€

 Migration: S3 Upload
 System
 10-11-20 9:11 AM → 10-11-20 9:17 AM

H088AE_DANCE_MOMS_THROWBACK_SPECIALS_S05E03_S... @ Migration: S3 Upload System 10-11-20 9:07 AM → 10-11-20 9:11 AM

FORCED_IN_FIRE_4C_S04E24_HORSEMANS_AXE_THE_TXM_... Migration: S3 Upload System 10-11-20 8.39 AM → 10-11-20 8.45 AM

LITTLE_WOMEN_ATLANTA_S04E05_SKINNY_MINNIE_#47__T... @ Migration: S3 Upload System 10-11-20 8:33 AM -- 10-11-20 8:39 AM

INTERVENTION_THE_TOWN_-_A044AS_SDataMissingE06_#... Migration: S3 Upload System 10-11-20 8.27 AM → 10-11-20 8.33 AM

X_COMPANY_2_S02E03_SCHEIN_UND_SEIN_3_TXM_POST210... Migration: S3 Upload System 10-11-20 8.21 AM → 10-11-20 8.27 AM

AES0022966.mxf

Migration: S3 Upload System 10-11-20 8:21 AM → 10-11-20 8:21 AM

LOIDNT_DO_IT_1_S01E05_ALTON_LOGAN_4_TXM_SDNSH_A... @ Migration: S3 Upload System 10-11-20 8:14 AM -> 10-11-20 8:21 AM

STORAGE_WARS_11_S11E05_FA-LA-LA-LALA_LA-LA-LA_LOCK...

BLIDGET STATUS Upload to S3

MEDIA DELIVERY (LAST 30 DAYS)

HI664A_DONT_TELL_THE_BRIDE_S03E05_RITESH_AND_SHE... () Migration: S3 Upload System

H1664A_DONT_TELL_THE_BRIDE_S03E05_RITESH_AND_SHE... Migration: S3 Upload System 10-11-20 9:24 AM

HOB4AS_FLIPPINC_BOSTON_04_NEW_FLIPPER_ON_TH... Migration: S3 Upload System 10-11-20 9:23 AM --- 10-11-20 9:23 AM

 HOB4AS_FLIPPING
 STON_S01E04_NEW_FLIPPER_ON_TH...

 Migration: S3 Uplose
 System
 10-11-20 9:18 AM → 10-11-20 9:23 AM

HOBBAE ANCE_MOMS_THROWBACK_SPECIALS_S05E03_S... (

H088AE_DANCE_MOMS_THROWBACK_SPECIALS_S05E03_S...

Migration: S3 Upload System 10-11-20 9:12 AM → 10-11-20 9:17 AM
H093AP_STORAGE_WARS_S02E03_PAY_THE_LADY_SAT_TXM
€

Migration: S3 Upload System 10-11-20 9:10 AM → 10-11-20 9:10 AM H033AP STORAGE WARS S02E03 PAY THE LADY SAT_TXM (

Migration: S3 Upload System 10-11-20 9:07 AM → 10-11-20 9:10 AM
FORGED_IN_FIRE_4C_S04E24_HORSEMANS_AXE_THE_TXM_.... ♥

Migration: S3 Upload System 10-11-20 8:49 AM → 10-11-20 8:49 AM

FORGED_IN_FIRE_4C_S04E24_HORSEMANS_AXE_THE_TXM_... Migration: S3 Upload System 10-11-20 8:45 AM → 10-11-20 8:49 AM

LITTLE_WOMEN_ATLANTA_S04E05_SKINNY_MINNIE_#47_T... © Migration: S3 Upload System 10-11-20 8:45 AM --- 10-11-20 8:45 AM

LITTLE_WOMEN_ATLANTA_S04E05_SKINNY_MINNIE_#47__T... ⓒ Migration: S3 Upload System 10-11-20 8.39 AM → 10-11-20 8.44 AM

INTERVENTION_THE_TOWN_-_A044AS_SDataMissingE06_#... Migration: S3 Upload System 10-11-20 8.38 AM → 10-11-20 8.38 AM

INTERVENTION_THE_TOWN_-_A044AS_SDataMissingE06_#... Migration: S3 Upload System 10-11-20 8:33 AM → 10-11-20 8:38 AM

X_COMPANY_2_S02E03_SCHEIN_UND_SEIN_3_TXM_POST210... Migration: S3 Upload System 10-11-20 8:33 AM → 10-11-20 8:33 AM

X_COMPANY_2_S02E03_SCHEIN_UND_SEIN_3_TXM_POST210... @ Migration: S3 Upload System 10-11-20 8:28 AM --- 10-11-20 8:32 AM

AES0022966.mxf Migration: S3 Upload System 10-11-20 8:27 AM → 10-11-20 8:27 AM

AES0022966.mxf

Migration: S3 Upload System 10-11-20 8:27 AM --- 10-11-20 8:27 AM

Migration: S3 Upload System 10-11-20 8:26 AM → 10-11-20 8:27 AM

LOIDNT_DO_IT_1_S01E05_ALTON_LOGAN_4_TXM_SDNSH_A... Migration: S3 Upload System 10-11-20 8.21 AM → 10-11-20 8.26 AM

STORAGE_WARS_11_S11E05_FA-LA-LA-LALA_LA-LA_LA_LOCK...
 @
 Migration: S3 Upload System 10-11-20 8:17 AM → 10-11-20 8:20 AM

STORAGE_WARS_11_S11E05_FA-LA-LA-LALA_LA-LA-LA_LOCK ...





Week



Amazon Simple Storage Service (S., 🛛 🗧 AWS Elemental MediaConve.,

MEDIA STORAGE (CURRENT)

Tracked Services

Blue Lucy Automation for Media X +														٥
\rightarrow C	● off	fthefence.bluelucy.com/workorders								ର 🕁	🕑 AB		• •	* 🕽
BLAN	ה	Ó	WORK O	RDERS							US	ER BLAC	omin 🕑	MENU
			•		Last 28 C	hays								
WORI	< ORDER	RS												
							Filter by statu	= 😣 😃 🕻 🛛	Filter work orders by					
ID 438	Order # 17621	Customer Name Off The Fence B.V.	Received Date 22-10-20 12:00:09	Required Date 23-10-20 13:39:08	Finished Date 28-10-20 14:44:14			Process State Completed		Ac \$	tions E		Order Sta Complete	itus ed 🚺
437	17618	Finstar S.A Sociedade de Investimentos	21-10-20 17:00:09	28-10-20 19:17:09	28-10-20 13:47:43			Completed		(\$) (E)		Complete	ed 🤇
436	17617	Off The Fence B.V.	21-10-20 11:00:10	22-10-20 12:42:51				Running		\$	EX		Started	
435	17612	AMC Networks Iberia	19-10-20 13:00:28	21-10-20 14:15:00	19-10-20 13:00:31			Completed		\$	E		Rejected	Ģ
434	17611	Hellenic Broadcasting Corporation - Elliniki Radio	c 19-10-20 11:00:14	20-10-20 12:49:00	20-10-20 00:05:42			Completed		\$	E		Complete	d 🄇
433	17609	ITN Productions	19-10-20 09:00:12	26-10-20 10:38:11	21-10-20 11:31:44			Completed		\$	E		Complete	ed 🤇
432	17608	FOX NETWORKS GROUP (UK) LIMITED	16-10-20 17:01:15	23-10-20 17:10:33	21-10-20 05:18:11			Completed		\$	E		Complete	d 🤇
431	17604	Canal Plus (Myanmar)	16-10-20 15:00:11	21-10-20 13:45:00	16-10-20 15:15:49			Completed		\$	E		Complete	d 🤇
430	17605	ZDF Phoenix	16-10-20 12:01:17	21-10-20 13:52:00	02-11-20 16:55:50			Completed		(\$	E		Complete	d 🌔

1 selected / 34 total

I≪ 1 2 3 4 > ►I

WORK ORDER BREAKDOWN - PO NO. 17605 ||| 600309 - ZDF PHOENIX - PACKAGE - MS

	Asset Title	Output	Item Cost			
	Cute Little Killers: The Predators With Pouches			QE	Completed	Ø
2	Dragons & Damsels: Ultimate Insects			QE	Completed	Ø
3	Wild Korea Ep 1			QE	Completed	Ø

🔅 BLAM

Q 🖈 🕑 🐵 🖽 4 4 5 0

user bladmin 🕑 Menu ?

•		Last 28 Days					Show Completed Tasks	• ON
					QC			
	Туре				Due	Assigned to	Actioned by S	
(17621) 5 Point QC Love After Lockup (Series 4) Ep 6	5ptQC	26-10-20 23:32:13	28-10-20 14:36:01	28-10-20 14:36:03		OTF Admins, OTF Media Serv		3
(17621) 5 Point QC Love After Lockup (Series 4) Ep 7	5ptQC	26-10-20 23:32:19	28-10-20 14:36:23	28-10-20 14:36:25	+	OTF Admins, OTF Media Serv	· (S
(17621) 5 Point QC Love After Lockup (Series 4) Ep 1	5ptQC	26-10-20 23:37:18	28-10-20 14:34:02	28-10-20 14:34:12		OTF Admins, OTF Media Serv	· (3
(17621) 5 Point QC Love After Lockup (Series 4) Ep 3	5ptQC	26-10-20 23:37:24	28-10-20 14:34:57	28-10-20 14:34:59		OTF Admins, OTF Media Serv	. (S
(17621) 5 Point QC Love After Lockup (Series 4) Ep 2	5ptQC	26-10-20 23:42:20	28-10-20 14:34:31	28-10-20 14:34:35		OTF Admins, OTF Media Serv	· (3
(17621) 5 Point QC Love After Lockup (Series 4) Ep 5	5ptQC	26-10-20 23:42:25	28-10-20 14:35:37	28-10-20 14:35:39		OTF Admins, OTF Media Serv	. (S
(17621) 5 Point QC Love After Lockup (Series 4) Ep 4	5ptQC	26-10-20 23:47:26	28-10-20 14:35:15	28-10-20 14:35:17		OTF Admins, OTF Media Serv	· (S
(17621) 5 Point QC Love After Lockup (Series 4) Ep 8	5ptQC	27-10-20 00:33:13	28-10-20 14:36:47	28-10-20 14:36:49		OTF Admins, OTF Media Serv	. (S
(17650) 5 Point QC Tamar Braxton: Get Ya Life! Ep 1	5ptQC	04-11-20 16:42:24				OTF Admins, OTF Media Serv	· (<u>!</u>)
(17650) 5 Point QC Tamar Braxton: Get Ya Life! Ep 2	5ptQC	04-11-20 16:52:32				OTF Admins, OTF Media Serv	. (<u>ڻ</u>
(17650) 5 Point QC Tamar Braxton: Get Ya Life! Ep 6	5ptQC	04-11-20 16:52:38				OTF Admins, OTF Media Serv	. (<u>()</u>
(17650) 5 Point OC Tamar Braxton: Get Ya Life! Ep 4	5ptQC	04-11-20 17:02:54				OTF Admins, OTF Media Serv		th
							I∢ ≺ 1 2	> •

🕈 NEW TASK

ASK DETAILS

(17650) 5 Point QC Tamar Braxton: Get Ya Life! Ep 1

C

5 Point QC of Asset

Pending 😃

TAKE TASK



"It is extremely difficult to calculate how much a specific asset or job has cost us, particularly as we use the services of multiple providers"

"It's the egress costs, that is where they catch you out"



С

х

aws Services 🔻

AWS Cost Management

AWS Cost Management > Cost Explorer Save as...

Recent reports 🕶

O New report



Cost Explorer



Savings Plans

Overview

Inventory

Recommendations

Purchase Savings Plans Utilization report

Coverage report

Cart 🚺

Reservations

Overview

Recommendations

Utilization report

Coverage report

Preferences Billing Console 🖸 Documentation 🗹

Feedback English (US) 🔻



To see usage data, filter by "Usage Type" or "Usage Type Group" filters with matching units (e.g., hours).

						Download CSV
Usage Type	Oct-01	Oct-02	Oct-03	Oct-04	Oct-05	Oct-06
Total cost (\$)	1.20	1.20	1.20	1.20	1.20	1.2
EU-VPN-Usage-Hour (\$)	1.20	1.20	1.20	1.20	1.20	1.2
EU-DataTransfer-O (\$)	0.00	0.00	0.00	0.00	0.00	0.0
EU-USW2-AWS-Out-B (\$)	0.00	0.00	0.00	0.00	0.00	0.0
EU-USE1-AWS-Out-B (\$)					0.00	0.0
EU-EUW3-AWS-Out-B (\$)					0.00	

▲ FILTERS	CLEAR ALL
Service	Include only -
Linked Account	Include all 💌
Region	Include all 💌
Instance Type	Include all 🔻
Usage Type	Include all 🔻
Usage Type Group	Include all 🔻
Resource 0	Include all 🔻
Cost Category	
Tag	
API Operation	Include all 🔻
Charge Type Usage X Reservation applied usage X	Include only 🔻
Availability Zone	Include all 💌
Platform	Include all 🔻
Purchase Option	Include all 👻
Tenancy	Include all 👻
Database Engine	Include all 💌
Legal Entity	Include all 🔻

ADVANCED OPTIONS

Ġ

Q ☆ :

👃 Julian Wright 🔻 Global 🔻 Support 🔻

0

A Blue-Lucy-Azure-Cloud - Microsoft Azu 🗙 +												
🗧 🔶 💩 portal.azure.com/#@bluelucy.com/resource/subscriptions/.												
=	Microsoft Azure		$ \mathcal{P} $ Search resources, se	rvices, and docs (G+/)					D 🖓	Q 🐯	? 😳	BLUE LUCY MEDIA
Но	me > Cost Management + Billing > Cost I	Management: Blue										
»	Blue-Lucy-Azure-Cle	oud										
5		🗹 Manage 📋 Cancel subscription	n 🖉 Rename → Chan	ge directory $ ightarrow$ Switch Offer	$ ightarrow$ Transfer billing ownership $~~\bigtriangledown~$	Feedback						
\$	📍 Overview 📤	∧ Essentials										
22	Activity log	Subscription ID : 7e1c4597-3938-43af	f-953e-66241abf984b			Subscription name	e :					
Ę	Access control (IAM)	Directory :				Current billing per	iod : 20/10/2020-19/1	1/2020				
C .	🔶 Tags	My role :				Currency	: GBP					
- 	Diagnose and solve problems	Offer : Offer ID :				Status	: Active					
Ş	Security	See more										
S	🗲 Events											
-	Cost Management	Last billed amount 🛈				Useful links						
•	💲 Cost analysis	164.45 _{GBP}				Edit your profile 🗗 Create and manage	budgets 🗗					
ві	🏮 Cost alerts	Latest invoice: 19/08/2020 - 18/	/09/2020			Understand your bil						
e	3 Budgets											
	Advisor recommendations											
Pr	Billing	Recent charges ① View	v details >			Top services b	oy cost 🛈 🛛 Vie	ew details >				
•	Invoices	200				Name			Cost			
C	👛 External services					visual studio subsc	cription		£67.08			
	🧟 Payment methods	150				azure active direct	tory domain services		£29.34			
Se	⁸ ∞ Partner information	100				virtual machines			£6.71			
	Settings					virtual network			£2.81			
-='	Programmatic deployment	50			_	storage			£1.63			
	Resource groups	0				bandwidth			£1.33			
Sı	Resources	17/09/2020	0	17/10/2020	10/11/2020							
ହ	Preview features											
	🗮 Usage + quotas	1109.33 GBP										

Policies

All resources - Microsoft Azure X +				- 0	J ×
← → C				🖈 🕐 🚥 🖩 🕂 🕀 🎯 🗯	<mark>.</mark> :
⊟ Microsoft Azure	ch resources, services, and docs (G+/)			도 태국 다 햲? ? ⓒ _{BLUE LUCY}	
Home >					
All resources Blue Lucy Media					×
🕂 Add Manage view 🗸 🕐 Refresh 🞍 Export to CSV 😚 Open query 🛛 🖉 Assign	n tags 🍵 Delete 🛛 💙 Feedback				
Filter by name Subscription == all Resource group == all X Type == a	all \times Location == all \times $+_{\overline{Y}}$ Add filter				
Showing 1 to 17 of 17 records. Show hidden types ①				No grouping V List view	\sim
□ Name ↑↓	Type ↑↓	Resource group \uparrow_{\downarrow}	Location $\uparrow\downarrow$	Subscription \uparrow_{\downarrow}	
aadds-1759f4ec596c4c7e99b86ed20081c4ab-lb	Load balancer	blm-ActiveDirectory	West Europe	Blue-Lucy-Azure-Cloud	
aadds-1759f4ec596c4c7e99b86ed20081c4ab-pip	Public IP address	blm-ActiveDirectory	West Europe	Blue-Lucy-Azure-Cloud	
aadds-58cc7a1cb01d4fc8a0c381330bbdb3b0-nic	Network interface	blm-ActiveDirectory	West Europe	Blue-Lucy-Azure-Cloud	
aadds-6e8b1de193e744e59f903e5518dd968c-nic	Network interface	blm-ActiveDirectory	West Europe	Blue-Lucy-Azure-Cloud	•••
AADDS-ad.bluelucy.com-NSG	Network security group	blm-ActiveDirectory	West Europe	Blue-Lucy-Azure-Cloud	•••
🗌 🥠 ad.bluelucy.com	Azure AD Domain Services	blm-ActiveDirectory	West Europe	Blue-Lucy-Azure-Cloud	•••
☐ <··> blm-ActiveDirectory	Virtual network	blm-ActiveDirectory	West Europe	Blue-Lucy-Azure-Cloud	
🗌 🐟 bluelucy	Azure DevOps organization	VisualStudioOnline-A79587CB79544EDBBF73DAB5	West Europe	Blue-Lucy-Azure-Cloud	•••
NetworkWatcher_eastus	Network Watcher	NetworkWatcherRG	East US	Blue-Lucy-Azure-Cloud	•••
NetworkWatcher_westeurope	Network Watcher	NetworkWatcherRG	West Europe	Blue-Lucy-Azure-Cloud	•••
newsite	Virtual machine	blm-website	North Europe	Blue-Lucy-Azure-Cloud	
🗌 🎈 newsite	Network security group	blm-website	North Europe	Blue-Lucy-Azure-Cloud	
newsite	Public IP address	blm-website	North Europe	Blue-Lucy-Azure-Cloud	
ewsite	Virtual network	blm-website	North Europe	Blue-Lucy-Azure-Cloud	•••
ewsite168	Network interface	blm-website	North Europe	Blue-Lucy-Azure-Cloud	
newsite2754	Storage account	blm-website	North Europe	Blue-Lucy-Azure-Cloud	
🗌 🔗 vault863	Recovery Services vault	blm-singular	East US	Blue-Lucy-Azure-Cloud	



Date	Asset Title	Service		Usage	Units	Estimate	Currency
Nov 8, 2020, 2:09:55 PM	Wildest Survival (Series 2) Ep 7	S3 Data Transfer Out (Internet)	0.09	50.007243	CigaBytes	4.500652	USD
Nov 8, 2020, 11:25:23 AM	Wildest Survival (Series 2) Ep 5	S3 Data Transfer Out (Internet)	0.09	52.576493	GigaBytes	4.731885	USD
Nov 8, 2020, 8:42:53 AM	Destination China Ep 2	S3 Data Transfer Out (Internet)	0.09	65.087636	GigaBytes	5.857888	USD
Nov 8, 2020, 5:33:17 AM	Cute Little Killers: The Predators With Pouches Ep	S3 Data Transfer Out (Internet)	0.09	68.629371	GigaBytes	6.176644	USD

<

I≪ 1 2 3 4 5 > ►I

COST CONTROL IN WORKFLOW DESIGN TOOL

- Store objects at S3 Standard class only while they are needed
- Avoid moving objects out of S3 bring services (transcode, AI, etc.) to the objects
- Archive objects as soon as they are no longer needed
- Use slower restore speeds to reduce costs let the workflow do the planning
- Following a restore, retain objects at Standard class until all process have
 completed
- Use partial restore functions to reduce costs



CONTROL

"it is all quite opaque and there is lots of trial and error to get things working"

"I fear we are going to have to establish a technology group in order to choreograph the services we need"

e MediaConvert Management Console X +	- 0
$\leftrightarrow \rightarrow C$ \hat{e} eu-west-1.console.aws.amazon.com/mediaconvert/home?region=eu-west-1#/presets/details/Edit%20Browse	익 ☆ 🕐 🎟 💷 🤚 🌫 🗐 🏓
aws Services V	👃 Julian Wright 🔻 Ireland 🔻 Support 🔻
Jobs Create_preset_request_body	×
Output pr	
Job templa "Algorithm" "TNTERPOLATE"	
Outputs "Mode": "DETURELACE".	
"Control": "NORMAL"	
Certificates	
Account "ImageInserter": {	
"InsertableImages": [
{	
"Width": 400,	
"Height": 162,	
"ImageX": 0,	
"ImageY": 100,	
"Layer": 1,	
"ImageInserterInput": "s3://bluelucy-s3-ireland/Atomized.png",	
"Opacity": 100	
J) "TimecodeBurnin"· {	
"FontSize": 48.	
"Position": "TOP CENTER",	
"Prefix": "PRE EDIT RENDER: "	
)	
},	
"TimecodeInsertion": "PIC_TIMING_SEI",	
"AntiAlias": "ENABLED",	
"Sharpness": 50,	
"CodecSettings": {	
"Codec": "H_264",	
"H264Settings": {	
"Interlacemode: "PROURESIVE",	
Numberkererencerrames: 5,	
"offness", 0	
"GooClosedCadence": 1.	
"GopSize": 50,	
"Slices": 1,	
"GopBReference": "DISABLED",	
"SlowPal": "DISABLED",	▼
Framerate Info	

NO-CODE WORKFLOW DEVELOPMENT

- No-code workflow builder designed for sys admins and analysts
- Code contained at BLidget level true microservice architecture
- Code....if you want to....C# Script Compiler, C# SDK and Python SDK
- Failsafe at run-time
- Supports incremental workflow implementation
- Take a quick look......

BLAM BENEFITS

OPERATIONALLY FOCUSED BLAM ENABLES YOUR BUSINESS TO:

Create efficiencies through automation:

BLAM enables the controlled migration of production and operations to cloud-based service models.

Reduce operational costs and exploit new revenue opportunities:

BLAM enables content owners and distributors to capitalise on a multiplatform presence.

Connect disparate systems:

BLAM connects production and business systems to provide broad visibility and enables 'low friction' business operations.

THE MULTIPLATFORM MEDIA ECONOMY IS HERE... MAXIMISE THE OPPORTUNITY WITH BLUE LUCY