pp-validate-playlist

Introduction

pp-validate-playlist is a NodeJS application running on PP01 which is run periodically (every 10 minutes) via Task Scheduler. It reads Gallium playlists and compares them with schedules in WhatsOn. It then creates side-by-side HTML tables for each channel highlighting differences between WhatsOn and Gallium. This is used by operators to validate that Gallium playlists are in sync with WhatsOn.

pp-validate-playlist is **not** a critical application, so SCOM alerts need not be addressed immediately.

- **First responder**: Alastair MacMaster [ALAM]
  - Investigate cause of crash, resolve and fix
- **Second responder**: Jabob Viggo Hansen [JVH] or Ole Kristensen [DREXOLEK]
  - Assuming Alastair is unavailable

Application overview

- **Server**: PP01
- **Run via**: Task Scheduler
- **Triggers**: Runs periodically (every 10 minutes)
- **Start in**: `c:\node\pp-validate-playlist`
- **Execute**: `node app.js`
- **User**: NET\svcPP01
- **HTML tables**:
  - `\\pp01\system$\Monitoring\pp-validate-playlist\DR1.html`
  - `\\pp01\system$\Monitoring\pp-validate-playlist\DR2.html`
  - `\\pp01\system$\Monitoring\pp-validate-playlist\TVR.html`
  - `\\pp01\system$\Monitoring\pp-validate-playlist\TSK.html`
  - `\\pp01\system$\Monitoring\pp-validate-playlist\EVA.html`
  - `\\pp01\system$\Monitoring\pp-validate-playlist\EVB.html`
  - `\\pp01\system$\Monitoring\pp-validate-playlist\EVC.html`
- **Logs**: `\\PP01\system$\Logs\pp-validate-playlist`
- **GitHub repo**: https://github.com/drdk/pp-validate-playlist.git
- **PDF source**: https://github.com/drdk/pp-validate-playlist/blob/main/README.md

Example output for DR1

DR1 (10.117.120.121): WhatsOn vs - Gallium Playlist

ValidatePlaylist last ran at 11:30:30 on 2021-09-28

Start Offset	Duration Offset	#	Start Time	WHATSON	Duration	Production	TxEventId	Gap	#	Start Time	GALLIUM	Duration	Production	TxEventId	Gap	Start Mode	Source
00:00:01:08		1	11:14:50:02	Antikkrejlerne XXII (6:25)	00:43:23:07	00022114230	2939867345327		1	11:14:51:10	Antikkrejlerne XXII (6:25)	00:43:23:07	00022114230	2939867345327		Fixed	
00:00:01:08	-00:00:00:06	2	11:58:13:09	TR1: Søs, Molly og malerne, opstart IA 2979178251000	00:00:29:00	00432117580	3214849969327		2	11:58:14:17	TR1: Søs, Molly og malerne, opstart IA 2979178251000	00:00:28:19	00432117580	3214849969327			
00:00:01:02	00:00:01:14	3	11:58:42:09	TR1: Den store bagedyst 0210 LØ specifik 2842015831000	00:00:30:00	00432117700	3214850981327		3	11:58:43:11	TR1: Den store bagedyst 0210 LØ specifik 2842015831000	00:00:31:14	00432117700	3214850981327			
00:00:02:16		4	11:59:12:09	TR2: Brixtofte - helt, skurk, far gen IM 2999302038000	00:00:30:00	00432117270	3214851115327		4	11:59:15:00	TR2: Brixtofte - helt, skurk, far gen IM 2999302038000	00:00:30:00	00432117270	3214851115327			
00:00:02:16		5	11:59:42:09	Lineup dag 2021	00:00:10:00	00192100000	3202181848327	00:00:02:16	5	11:59:45:00	Lineup dag 2021	00:00:10:00	00192100000	3202181848327			
		6	11:59:55:00	TV AVISEN	00:10:05:00	00122168280	3093667850327		6	11:59:55:00	TV AVISEN	00:10:05:00	00122168280	3093667850327		Fixed	PK13
		7	12:10:00:00	TR1: Vi er ordbildne gen IM 2850661876000	00:00:31:00	00432117450	3214850306327		7	12:10:00:00	TR1: Vi er ordbildne gen IM 2850661876000	00:00:31:00	00432117450	3214850306327			
		8	12:10:31:00	TR1: Den grønne optur gen TO 2868314083000	00:00:31:00	00432117380	3214850463327		8	12:10:31:00	TR1: Den grønne optur gen TO 2868314083000	00:00:31:00	00432117380	3214850463327			
		9	12:11:02:00	TR3: Først gift NU på DRTV 2783629220000	00:00:30:00	00552102330	3214852322327		9	12:11:02:00	TR3: Først gift NU på DRTV 2783629220000	00:00:30:00	00552102330	3214852322327			
		10	12:11:32:00	Lineup dag 2021	00:00:10:00	00192100000	3202181851327		10	12:11:32:00	Lineup dag 2021	00:00:10:00	00192100000	3202181851327			
		11	12:11:42:00	Bonderøven 2014 (10)	00:27:20:17	00951434100	3017398133327		11	12:11:42:00	Bonderøven 2014 (10)	00:27:20:17	00951434100	3017398133327			
	-00:00:00:06	12	12:39:02:17	TR1: Søs, Molly og malerne, opstart IA 2979178251000	00:00:29:00	00432117580	3214849972327		12	12:39:02:17	TR1: Søs, Molly og malerne, opstart IA 2979178251000	00:00:28:19	00432117580	3214849972327			
-00:00:00:06	00:00:01:14	13	12:39:31:17	TR1: Den store bagedyst 0210 LØ specifik 2842015831000	00:00:30:00	00432117700	3214851561327		13	12:39:31:11	TR1: Den store bagedyst 0210 LØ specifik 2842015831000	00:00:31:14	00432117700	3214851561327			
00:00:01:08		14	12:40:01:17	TR1: Det store bevægelseseksperiment 1110 dato 2916471001000	00:00:32:00	00432116810	3214850772327		14	12:40:03:00	TR1: Det store bevægelseseksperiment 1110 dato 2916471001000	00:00:32:00	00432116810	3214850772327			
00:00:01:08		15	12:40:33:17	TR2: Brixtofte - helt, skurk, far gen IM 2999302038000	00:00:30:00	00432117270	3214852256327		15	12:40:35:00	TR2: Brixtofte - helt, skurk, far gen IM 2999302038000	00:00:30:00	00432117270	3214852256327			
00:00:01:08		16	12:41:03:17	TRM: DRBB ny sæson (sommerfiller)	00:00:32:00	00432114000	3214852264327		16	12:41:05:00	TRM: DRBB ny sæson (sommerfiller)	00:00:32:00	00432114000	3214852264327			
00:00:01:08		17	12:41:35:17	Lineup dag 2021	00:00:10:00	00192100000	3202181854327		17	12:41:37:00	Lineup dag 2021	00:00:10:00	00192100000	3202181854327			
00:00:01:08		18	12:41:45:17	Nak & Æd - en råbuk på Djursland (7:8)	00:58:05:00	00952033070	2844152162327		18	12:41:47:00	Nak & Æd - en råbuk på Djursland (7:8)	00:58:05:00	00952033070	2844152162327			
00:00:01:08	-00:00:00:06	19	13:39:50:17	TR1: Søs, Molly og malerne, opstart IA 2979178251000	00:00:29:00	00432117580	3214849975327		19	13:39:52:00	TR1: Søs, Molly og malerne, opstart IA 2979178251000	00:00:28:19	00432117580	3214849975327			

Failure resolution

If the pp-validate-playlist app fails to run, first check that the application is being triggered by Task Scheduler:

- Connect to PP01 via **PAM**
- Run **Task Scheduler** and select **pp-validate-playlist** in the applications list
- Click **Run** in the **Actions** panel.
- The status should show **Running** for a few seconds inside the application list if the application runs correctly - (you may need to click F5 to refresh) - and will then return to **Ready** after the application completes.
- If pp-validate-playlist failed to run, locate the last logfile and look for any obvious failure. The logfile should end with **Application completed successfully**

If the pp-validate-playlist application will **NOT** run after these steps, contact the second responder to help analyse the problem.

Redundancy

PP01 is a virtual machine and so can be restarted quickly with files rolled back several days if necessary.