IWS/WebAdmin for z/OS

The smart web portal to IWS for z/OS

IBM Z Workload Automation

IWS/WebAdmin z/OS

The smart web portal to IWS for z/OS

Basic functions are:

- Maintain the database (application description)
  - Design and prepare your changes in the embedded database
  - Move the prepared update into IWS at the push of a button
  - Keeps all application versions so it's easy to restore an old version
  - Copy applications inside or from one IWS to another
- Monitor the plan (current plan, old plan, future/trial plan)
  - Query the status of your jobs and take appropriate actions:
    - restart, insert applications in CP/LTP.
  - All queries can be performed over all connected IWS systems
- Monitoring and alerting
  - Define critical jobs in the "status monitor" and send an email if an error or delay occurs

IWS/WebAdmin z/OS

The smart web portal to IWS for z/OS

Additional functions are:

- Reporting:

  WebAdmin keeps job runtime information (start/end times, duration etc.) in it's database

  Easily create IWS statistics, trend analyses, SLA reporting, etc.

- Graphical flowcharts (netplans)

  Application and job flowcharts, various search functions including critical path

- Modern browser application

  New browser-independent graphic module (Version 4)

  Nothing to install locally at user site

  Secure encrypted communication

  Embedded web-server and database: easy to install on a Windows Server and z/OS

  Supports all IWSz Versions, up to 9.5

IWS/WebAdmin z/OS - AD

IWS/WebAdmin for z/OS

https://pc110.horizont-it.de:8088/index.php

IWS/WebAdmin for z/OS — HORIZONT

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AD - List of Applications

IWS System	Application id	Description	Valid from	Valid to	Type	Status	Group Definition	Auth. group	Calendar	Owner	State	Las
TWIC	QAT20DAY	HORIZONT Prod-Part 2	2014/01/01	2071/12/31	A	P				HORIZONT	ACTUAL	201
TWIC	QAT25DAY	HORIZONT Prod-Part 2b	2002/06/15	2071/12/31	A	P				HORIZONT	ACTUAL	201
TXGC	HOR01DAY	HORIZONT Prod-Part 0.1	2008/09/25	2071/12/31	A	A	HOR01DAY#	TEST		HORIZONT	ACTUAL	201
TXGC	HOR20DAY	HORIZONT Prod-Part 2	2014/01/01	2071/12/31	A	A			CALP391V	HORIZONT	MODIFIED	201
TXGC	HOR20DAY	HORIZONT Prod-Part 2	2014/01/01	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR20DAY	HORIZONT Prod-Part 2	2014/01/01	2071/12/31	A	A				HORIZONT	HISTORY	201
TXGC	HOR25DAY	HORIZONT Prod-Part 2b	2002/06/15	2071/12/31	A	A			CALP391V	HORIZONT	MODIFIED	201
TXGC	HOR25DAY	HORIZONT Prod-Part 2b	2002/06/15	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR25DAY	HORIZONT Prod-Part 2b	2002/06/15	2071/12/31	A	A				HORIZONT	HISTORY	201
TXGC	HOR27DAY	HORIZONT Prod-Part 2c	2019/03/02	2071/12/31	A	A		SYSH	CALP391V	HORIZONT	INSERTED	201
TXGC	HOR30DAY	HORIZONT Prod-Part 3	2002/06/15	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR30DAY	HORIZONT Prod-Part 3	2002/06/15	2071/12/31	A	A				HORIZONT	HISTORY	201
TXGC	HOR35DAY	HORIZONT Prod-Part 3b	2002/06/15	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR35DAY	HORIZONT Prod-Part 3b	2002/06/15	2071/12/31	A	A				HORIZONT	HISTORY	201
TXGC	HOR40DAY	HORIZONT Prod-Part 4	2002/06/15	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR40DAY	HORIZONT Prod-Part 4	2002/06/15	2071/12/31	A	A				HORIZONT	HISTORY	201

[16 row(s) have been found.]

Check all | Clear all | Toggle selection

Easy to use web interface, quick, straightforward, many useful actions

Action Buttons: Modify | Copy | Delete | IWS Update | Compare | Netplan | Report | Save to File | Unlock | Cancel

IWS/WebAdmin z/OS - AD

IWS System	Application id	Description	Valid from	Valid to	Type	Status	Group Definition	Auth. group	Calendar	Owner	State	Las
TWIC	QAT20DAY	HORIZONT Prod-Part 2	2014/01/01	2071/12/31	A	P				HORIZONT	ACTUAL	201
TWIC	QAT25DAY	HORIZONT Prod-Part 2b	2002/06/15	2071/12/31	A	P				HORIZONT	ACTUAL	201
TXGC	HOR01DAY	HORIZONT Prod-Part 0.1	2008/09/25	2071/12/31	A	A	HOR01DAY#	TEST		HORIZONT	ACTUAL	201
TXGC	HOR20DAY	HORIZONT Prod-Part 2	2014/01/01	2071/12/31	A	A			CALP391V	HORIZONT	MODIFIED	201
TXGC	HOR20DAY	HORIZONT Prod-Part 2	2014/01/01	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR20DAY	HORIZONT Prod-Part 2	2014/01/01	2071/12/31	A	A				HORIZONT	HISTORY	201
TXGC	HOR25DAY	HORIZONT Prod-Part 2b	2002/06/15	2071/12/31	A	A			CALP391V	HORIZONT	MODIFIED	201
TXGC	HOR25DAY	HORIZONT Prod-Part 2b	2002/06/15	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR25DAY	HORIZONT Prod-Part 2b	2002/06/15	2071/12/31	A	A				HORIZONT	HISTORY	201
TXGC	HOR27DAY	HORIZONT Prod-Part 2c	2019/03/02	2071/12/31	A	A		SYSH	CALP391V	HORIZONT	INSERTED	201
TXGC	HOR30DAY	HORIZONT Prod-Part 3	2002/06/15	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR30DAY	HORIZONT Prod-Part 3	2002/06/15	2071/12/31	A	A				HORIZONT	HISTORY	201
TXGC	HOR35DAY	HORIZONT Prod-Part 3b	2002/06/15	2071/12/31	A	A				HORIZONT	ACTUAL	201
TXGC	HOR35DAY	HORIZONT Prod-Part 3b	2002/06/15	2071/12/31	A	A				HORIZONT	HISTORY	201
TXGC	HOR40DAY	HORIZONT Prod-Part 4	2002/06/15	2071/12/31	A	A				HORIZONT	ACTUAL	201

Copy an Application from the current or older versions or from a different IWS system

Use Compare and Netplan to verify the changes

New applications and changes can be prepared in the WebAdmin database

IWS/WebAdmin z/OS - AD

IWS/WebAdmin for z/OS

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Application

	HOR20DAY (version 3)	HOR20DAY (version 2)
IWS System	TXGC	TXGC
Record Status	MODIFIED	ACTUAL
Application id	HOR20DAY	HOR20DAY
Status	A	A
Valid to	2071/12/31	2071/12/31
Type	A	A
Valid from	2014/01/01	2014/01/01
Description	HORIZONT Prod-Part 2	HORIZONT Prod-Part 2
Auth. group		
Owner	HORIZONT	HORIZONT
Owner Description		
Priority	7	7
Calendar Name	CALP391V	
Last Change Date	2016/03/19	2016/03/19

Operation 001

Hide operation

001	HOR20DAY (version 3)	HOR[illegible]rsion 2)
Ws id	DMY	DMY
Op no	001	001
Jobname		
Operation Text	Operation 001	Operation 001
Smoothing Factor		
Feedback Limit		
Highest Return Code		
Submit	Y	Y
Hold/Release	Y	Y
Suppress if late	N	N
Time Dependent	Y	N
Error Tracking	Y	Y
Deadline WTO	N	N

Action Buttons: Hide Identical | Cancel | Save to File

Compare shows the changed values

IWS/WebAdmin z/OS, AD Netplan

Clear, legible Operation flowchart for one or more Applications

IWS/WebAdmin z/OS - CP

Under CP, add or modify occurrences, or search for them to e.g. review the status and dependencies, etc.

The default dashboard provides a quick overview of the Production status

IWS/WebAdmin z/OS, CP

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Plan - List of Occurrences

Check all | Clear all | Toggle selection

IWS System	Application id	Description	Input arrival date	Started at	Deadline	Priority	Add Function	Owner	Calendar	Status
TXGC [C]	HOR00DAY	PRODUCTION	2019/03/21 06:00	2019/03/21 09:00	2019/03/22 06:00	5		HORIZONT	DEFAULT	C
TXGC [C]	HOR10DAY	HORIZONT Prod-Part 1	2019/03/21 06:00	2019/03/21 09:00	2019/03/22 06:00	5		HORIZONT	DEFAULT	C
TXGC [C]	HOR20DAY	HORIZONT Prod-Part 2	2019/03/21 06:00	2019/03/21 09:00	2019/03/22 06:00	7		HORIZONT	DEFAULT	E
TXGC [C]	HOR25DAY	HORIZONT Prod-Part 2b	2019/03/21 06:00		2019/03/22 06:00	5		HORIZONT	DEFAULT	W
TXGC [C]	HOR30DAY	HORIZONT Prod-Part 3	2019/03/21 06:00	2019/03/21 09:00	2019/03/22 06:00	5		HORIZONT	DEFAULT	E
TXGC [C]	HOR35DAY	HORIZONT Prod-Part 3b	2019/03/21 06:00		2019/03/22 06:00	5		HORIZONT	DEFAULT	W
TXGC [C]	HOR40DAY	HORIZONT Prod-Part 4	2019/03/21 06:00		2019/03/22 06:00	5		HORIZONT	DEFAULT	W
TXGC [C]	HOR50DAY	HORIZONT Prod-Part 5	2019/03/21 06:00		2019/03/22 06:00	5		HORIZONT	DEFAULT	W
TXGC [C]	HOR60DAY	HORIZONT Prod-Part 6	2019/03/21 06:00		2019/03/22 06:00	5		HORIZONT	DEFAULT	W
TXGC [C]	HOR70DAY	HORIZONT Prod-Part 7	2019/03/21 06:00	2019/03/21 05:01	2019/03/21 19:00	5		HORIZONT	DEFAULT	S
TXGC [C]	HOR80DAY	HORIZONT Prod-Part 8a	2019/03/21 06:00	2019/03/21 09:38	2019/03/22 06:00	5		HORIZONT	DEFAULT	C

[11 row(s) have been found.]

Check all | Clear all | Toggle selection

Action Buttons: Show details | Barchart | Netplan | Show SQL | Save to File | Cancel

Based on selection criteria (filter), a list of Operations or Occurrences is shown

Click on the Application ID for details or select some for the Netplan

IWS/WebAdmin z/OS, CP Netplan

IWS/WebAdmin z/OS, CP Netplan

IWS/WebAdmin z/OS, CP Netplan

After zooming in, the new “World View” helps with navigation

IWS/WebAdmin z/OS, CP Netplan

Useful search functions are pre-defined, e.g. calculate and highlight the critical path of all non-completed Operations (e.g. all successors of error jobs)

IWS/WebAdmin z/OS, CP Netplan, Critical Path

IWS/WebAdmin z/OS, CP Netplan

IWS/WebAdmin for z/OS

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Plan - List of Occurrences

Check all | Clear all | Toggle selection

IWS System	Created	Application id	Description	Input arrival date	Started at	Deadline	Priority	Add Function	Owner	C
TXGC [H]	2019/03/18 05:00	HOR00DAY	PRODUCTION	2019/03/18 06:00	2019/03/18 09:00	2019/03/19 06:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR10DAY	HORIZONT Prod-Part 1	2019/03/18 06:00	2019/03/18 09:00	2019/03/19 06:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR20DAY	HORIZONT Prod-Part 2	2019/03/18 06:00	2019/03/18 09:00	2019/03/19 06:00	7		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR25DAY	HORIZONT Prod-Part 2b	2019/03/18 06:00	2019/03/18 18:00	2019/03/19 06:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR30DAY	HORIZONT Prod-Part 3	2019/03/18 06:00	2019/03/18 09:00	2019/03/19 06:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR35DAY	HORIZONT Prod-Part 3b	2019/03/18 06:00	2019/03/18 18:00	2019/03/19 06:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR40DAY	HORIZONT Prod-Part 4	2019/03/18 06:00	2019/03/18 18:00	2019/03/19 06:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR50DAY	HORIZONT Prod-Part 5	2019/03/18 06:00	2019/03/18 18:00	2019/03/19 06:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR60DAY	HORIZONT Prod-Part 6	2019/03/18 06:00	2019/03/18 23:00	2019/03/19 06:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR70DAY	HORIZONT Prod-Part 7	2019/03/18 06:00	2019/03/18 05:01	2019/03/18 19:00	5		HORIZONT	D
TXGC [H]	2019/03/18 05:00	HOR80DAY	HORIZONT Prod-Part 8a	2019/03/18 06:00	2019/03/18 09:38	2019/03/19 06:00	5		HORIZONT	D

[11 row(s) have been found.]

Check all | Clear all | Toggle selection

Action Buttons: Show details | Barchart | Netplan | Show SQL | Save to File | Cancel

Both can be used for the same queries as the current plan, but dates and times of the history or forecast will be shown

In addition to the current plan:

- Keep old versions of the plan
- Create trial plans and load them in WebAdmin

IWS/WebAdmin z/OS, CP Forecast

IWS/WebAdmin z/OS, CP History

IWS/WebAdmin z/OS, CP Forecast

Basically, all browsers are supported. The most common are Firefox, Chrome, Edge and Internet Explorer

IWS/WebAdmin z/OS

Many thanks for your attention