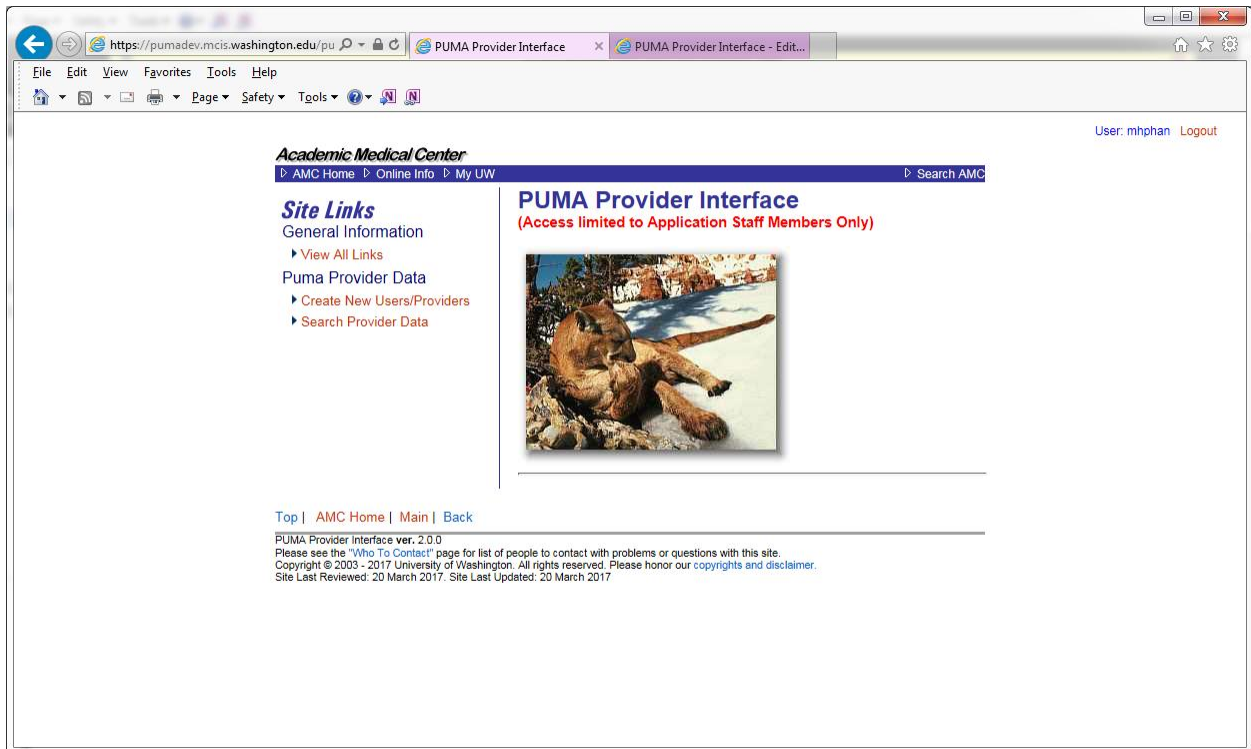


Java PUMA release notes

CSI – Oct. 18th, 2017

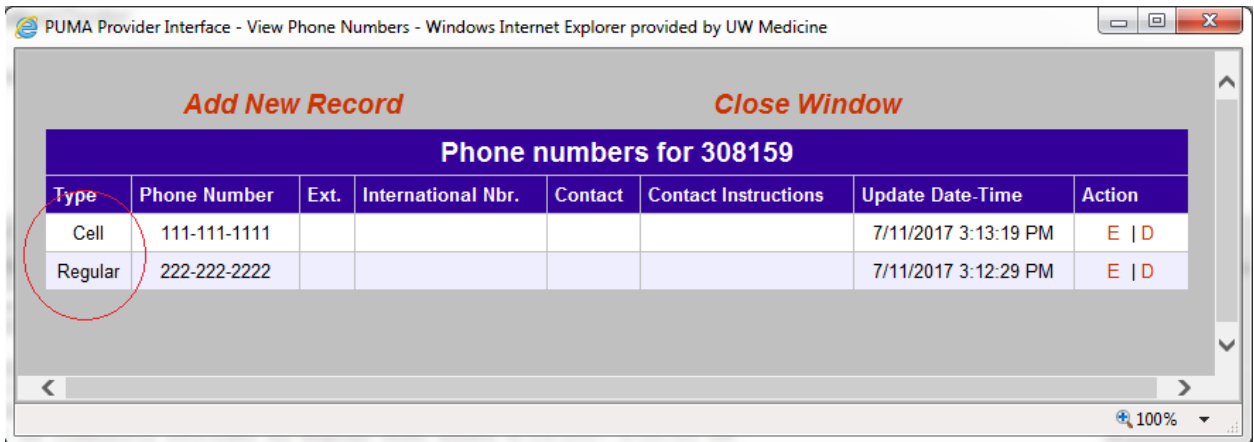
Java PUMA release notes – In as much as possible, Java PUMA strives to achieve functional and look-and-feel parity of the existing ASP PUMA application. The advantages of migrating PUMA from the MS Windows legacy ASP architecture to Linux Java are performance, supportability, security, upgradability, and feature development. Since these advantages stem from the software platform, they might not be readily apparent from the user's perspective. However, there are instances where the changes were introduced to address obvious UI shortcomings of the current application. These changes should not affect PUMA data or data processing.



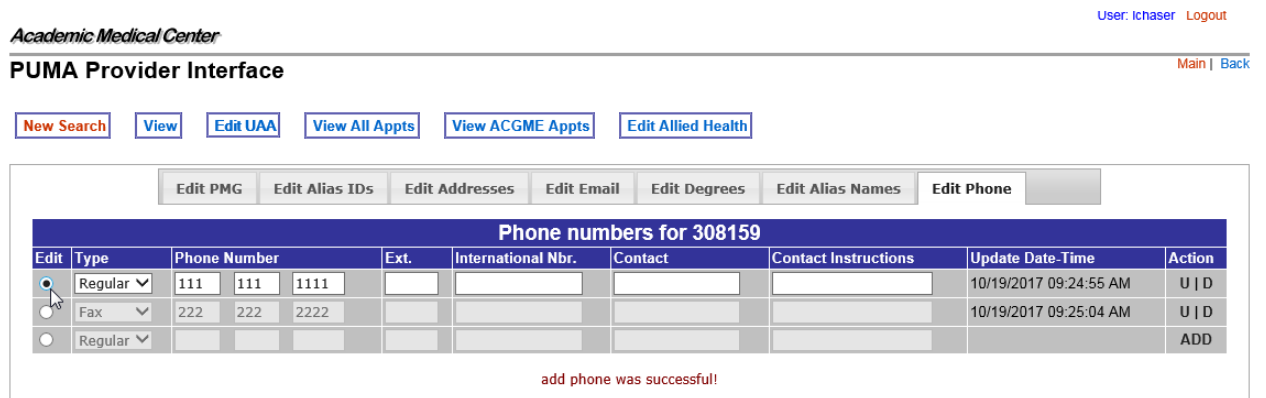
The screenshot shows a web browser window displaying the PUMA Provider Interface. The browser's address bar shows the URL <https://pumadev.mcis.washington.edu/pu>. The page header includes the **Academic Medical Center** logo and navigation links for [AMC Home](#), [Online Info](#), and [My UW](#), along with a [Search AMC](#) button. The user is identified as [User: mhphan](#) with a [Logout](#) link. The main content area is divided into two sections. On the left, under **Site Links**, there is a **General Information** section with a [View All Links](#) link, and a **Puma Provider Data** section with [Create New Users/Providers](#) and [Search Provider Data](#) links. On the right, the **PUMA Provider Interface** section features a red warning message: **(Access limited to Application Staff Members Only)** and a photograph of a large brown bear lying on a snowy, rocky ground. At the bottom of the page, there is a footer with the text: [Top](#) | [AMC Home](#) | [Main](#) | [Back](#). Below this, it states: **PUMA Provider interface ver. 2.0.0**, followed by a note: **Please see the "Who To Contact" page for list of people to contact with problems or questions with this site.** The footer also includes copyright information: **Copyright © 2003 - 2017 University of Washington. All rights reserved. Please honor our copyrights and disclaimer.** and update dates: **Site Last Reviewed: 20 March 2017. Site Last Updated: 20 March 2017.**

New Functionality and Workflow

1. Edit Phones returns 'regular' entries first – Per user's request, the 'Regular' phone records will be shown first since they are referenced the most. You must now also select the radio button next to the row you would like to edit or update, perform your updates, and then select either "U" or "Add". The delete function will work regardless of selection.



Current ASP Puma



Java Puma

- PMG now has tabs – Instead of multiple pop-up windows, tabs will allow users to quickly switch between types of data without having to close/open browser windows.

Soc Sec Nbr: 111-11-3578	Uaa User Id: June14	
Comment: Set as Community Provider by mhphan when added 6/14/2017 1:51:20 PM 'Internal' flag set by mhphan when added 6/14/2017 1:51:20 PM 'Address alert' flag set by mhphan on 7/6/2017 2:19:39 PM		
Cerner Orgs	Cerner Position	Prov Extension
UWMC	Orders NonAuth	Specialty: 02-General Surgery Prov Type: test-type Med Group: test-group
Soft delete in Puma: <input type="checkbox"/>		Update Database Cancel
Edit Alias ID's Edit Addresses Edit Email Edit Degrees Edit Alias Names		
Edit Phone Edit UAA		
Edit Allied Health		

[Top](#) | [AMC Home](#) | [Main](#) | [Back](#)
 PUMA Provider Interface ver. 2.0.0
 Please see the "Who To Contact" page for list of people to contact with problems or questions with this site.
Copyright © 2003 - 2017 University of Washington, CSIOR. All rights reserved. Please honor our [copyrights and disclaimer](#).

Current ASP Puma

User: mhphan Logout

Academic Medical Center

PUMA Provider Interface [Main](#) | [Back](#)

[New Search](#)
[View](#)
[Edit UAA](#)
[Edit Allied Health](#)
-- External Links --

Edit PMG	Edit Alias's ID's	Edit Addresses	Edit Email	Edit Degrees	Edit Alias Names	Edit Phone
-----------------	-------------------	----------------	------------	--------------	------------------	------------

Last updated: 08/21/2017 11:14:44 AM by: mhphan

Central ID: 308180 Physician Indicator: Is Internal: Ext Prov NWH Lab: Deceased: Retired: Address Alert:
 Cerner Inactive:

Last Name: june21bl First Name: june21bf Middle Name:
 Suffix Name: Gender: M F Birthdate: (mm/dd/yyyy)
 Soc Sec Nbr: Uaa User Id: june21b

Comment:

Cerner Orgs	Cerner Position	Prov Extension
HMC SCCA UWMC	None	

Soft delete in Puma:
Update Database Cancel and Go Back to Search

Java Puma

- Edit Alias ID's no longer has 'ADD' link for single-entry ID's – For consistency and to prevent confusion, Alias ID's that cannot have more than one entries will no longer have the 'ADD' link.

PUMA Provider Interface - Edit Alias IDs - Windows Internet Explorer provided by UW Medicine

Manage Alias IDs for June14f June14l - 308159

(Deleted records not shown.)

Upin: <input type="text"/> D U	H Rad ID: <input type="text"/> D U	H Cis ID: <input type="text"/> D U	Taxonomy Cd: ADD d <input type="text"/> D U
Medstaff ID: <input type="text"/> D U	Pharm ID: <input type="text"/> D U	H Cis User ID: <input type="text"/> D U	
Epic ID1: <input type="text"/> D U	DSHS ID: <input type="text"/> D U	U Cis ID: <input type="text"/> D U	
Epic ID2: <input type="text"/> D U	L & I ID: <input type="text"/> D U	U Cis User ID: <input type="text"/> D U	
SOM ID: <input type="text"/> D U	DEA ID: <input type="text"/> D U	Employee No: <input type="text"/> D U	
U Rad ID: <input type="text"/> D U	Lab ID: <input type="text"/> D U	UAA User ID: June14 <input type="text"/> D U	
Mind Prov Cd: ADD	Billing No.: ADD	WA State License: ADD 11223 <input type="text"/> D U	Tax ID: ADD <input type="text"/> D U
MEDCON Call Id: ADD <input type="text"/> D U	NPI: ADD <input type="text"/> D U	SCCA ID: ADD	MedHUB ID: ADD <input type="text"/> D U
UWMC Lanier Id:	HMC Lanier Id:	Med Prof Rec Nbr: ADD <input type="text"/> D U	STAR Roster ID: ADD <input type="text"/> D U

View All Records Close Window

100%

Current ASP Puma

Academic Medical Center User: mhphan Logout

PUMA Provider Interface Main | Back

[New Search](#) [View](#) [Edit UAA](#) [Edit Allied Health](#) -- External Links --

[Edit PMG](#) [Edit Alias's ID's](#) [Edit Addresses](#) [Edit Email](#) [Edit Degrees](#) [Edit Alias Names](#) [Edit Phone](#)

Manage Alias IDs for june21bf june21bl - 308180

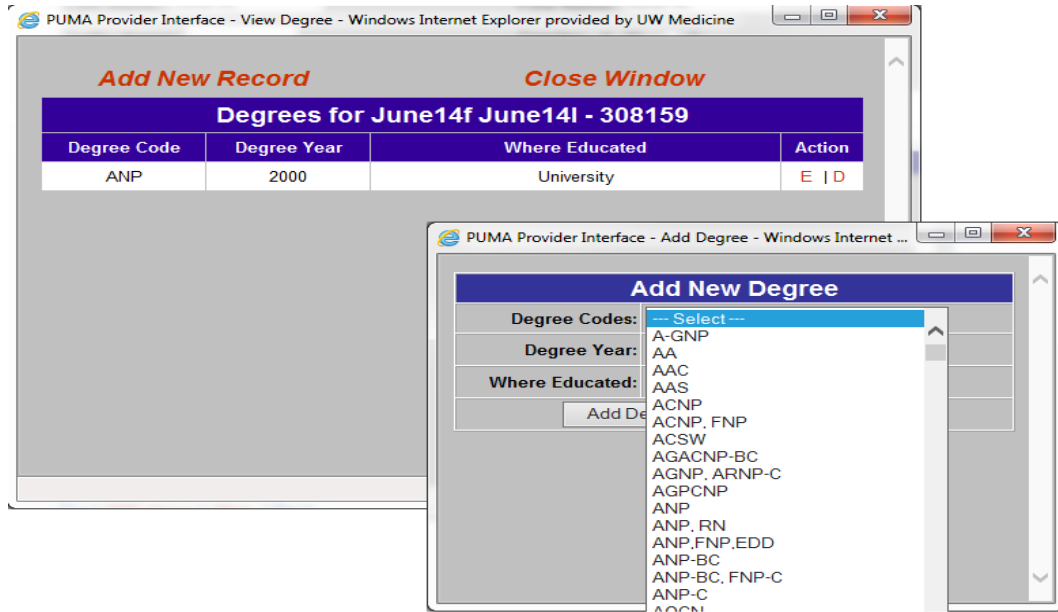
(Deleted records not shown.)

Upin: <input type="text"/> D U	H Rad ID: <input type="text"/> D U	H Cis ID: <input type="text"/> D U	Taxonomy Cd: ADD
Medstaff ID: <input type="text"/> D U	Pharm ID: <input type="text"/> D U	H Cis User ID: <input type="text"/> D U	
Epic ID1: <input type="text"/> U	DSHS ID: <input type="text"/> D U	U Cis ID: <input type="text"/> D U	
Epic ID2: <input type="text"/> U	L & I ID: <input type="text"/> D U	U Cis User ID: <input type="text"/> D U	
SOM ID: <input type="text"/> D U	DEA ID: <input type="text"/> D U	Employee No: <input type="text"/> D U	
U Rad ID: <input type="text"/> D U	Lab ID: <input type="text"/> D U	UAA User ID: june21b <input type="text"/> D U	
Mind Prov Cd: ADD 20240988 <input type="text"/> D U	Billing No.: ADD	WA State License: ADD	Tax ID: <input type="text"/> D U
MEDCON Call Id: <input type="text"/> D U	NPI: <input type="text"/> D U	SCCA ID: ADD	MedHUB ID: <input type="text"/> D U
UWMC Lanier Id:	HMC Lanier Id:	Med Prof Rec Nbr: <input type="text"/> D U	STAR Roster ID: <input type="text"/> D U

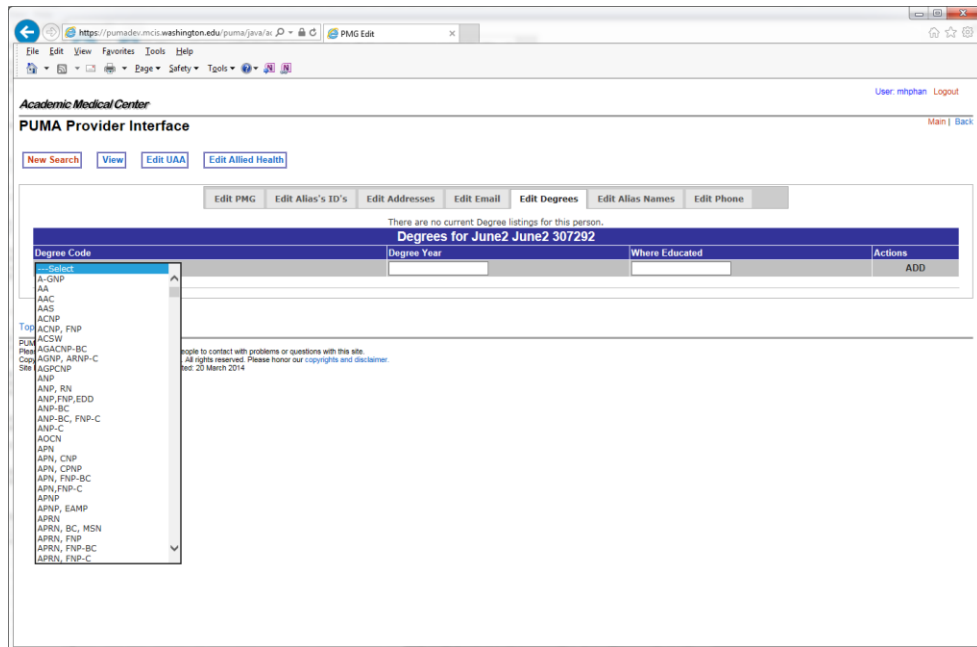
Java Puma

- Edit Emails, Degrees and Edit Phone have new in-line interface – Instead of having popup windows to add, modify, and delete these objects, a single page will provide all of these functionalities. This is to facilitate viewing and updating the current records as well as adding new ones on the same table. After user's feedback the Actions links have been made more consistent by using 'U' for Update.

Also, per user's request, the Degree pages will only allow one entry per record. As such, after the degree is added, the 'add' link will be removed.



Current ASP Puma



Java Puma

5. PMG Edit no longer writes on 0 for Mind Prov Code of non-providers – Historically, this was done to accommodate a certain system that has since been retired.
6. Java2 app has been moved to the PUMA server from the Mindscape server and Java1 which is retired. We no longer need to jump to the Mindscape server for Java2 hence the connection from Mindscape to PUMA is severed. The PAAS tool is used to administer access to the Java2 pages.

User: mhphan [Logout](#)

[Help](#)

Puma Table Maintenance

Edit or Delete An Existing Row

Select a table in which to edit a row

Add A New Row

Select a table in which to add a row

Remove Duplicate Cerner Org Codes Per Person

Remove duplicate cerner orgs for this central_id

Remove Duplicate Cerner Org Codes From The Whole Dang Table

Remove all duplicate central_id, org_cd combinations from the cerner_orgs table

CPOE Cerner Position Code Edit
LMS/Training Promotion (Java2)

- On UAA creation, 14 fields in uaa_main will default to NULL unless specified. The database defined these columns with NULL as their default values hence when the PUMA operator does not specify values for these, SQL automatically write out NULL's for their values.

central_id	ins_password	other_identifier	job_title	site	location	contact	mailstop	prev_user_id	mail_to	uaa_comment	birth_place	collapse_prev_flag	patient_rbr	access_add_dttm
1	307293	NULL		B							N			2017-06-02 09:27:19.000
2	407313	NULL	NULL	B	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	2017-06-27 13:12:55.900

- List of columns changed and their values are presented to user after PMG and UAA 'add' and 'modify' operations.

The screenshot shows the PUMA Provider interface with a user profile being edited. The 'Details' section on the right provides a log of changes:

- 'access_add_dttm' Changed to current dtm by mhphan on 07/21/2017 09:55:40
- 'access_upd_dttm' Changed to current dtm by mhphan on 07/21/2017 09:55:40
- 'other_identifier' UPDATE to June2 by mhphan on 07/21/2017 09:55:40
- 'site' UPDATE to B by mhphan on 07/21/2017 09:55:40
- 'collapse_prev_flag' UPDATE to 'N' by mhphan on 07/21/2017 09:55:40
- 'uua_main_password_ener' UPDATE by mhphan on 07/21/2017 09:55:40
- 'uplink_prov_cd' UPDATE to 20240113 by mhphan on 07/21/2017 09:55:40
- 'upd_by' UPDATE to mhphan by mhphan on 07/21/2017 09:55:40
- 'access_upd_dttm' Changed to current dtm by mhphan on 07/21/2017 09:55:40
- 'uua_main_password_ener' UPDATE by mhphan on 07/21/2017 09:55:40
- 'pwd_upd_log' UPDATE by mhphan on 07/21/2017 09:55:41
- 'human:jit value:'N' UPDATE to: N by mhphan on 07/21/2017 09:55:41
- 'human:upd_dttm' UPDATE to current time by mhphan on 07/21/2017 09:55:41
- 'human:upd_by' UPDATE to: mhphan by mhphan on 07/21/2017 09:55:41
- 'alias_id_id_cd = 'uaa_username for' CID:307292 UserID:June2' DELETE by mhphan on 07/21/2017 09:55:41
- 'alias_id_id_cd='TaxID' CID:307292 TaxID:' DELETE by mhphan on 07/21/2017 09:55:41
- 'users user_id:June2' INSERT into MIND by mhphan on 07/21/2017 09:55:41
- 'MIND user_app User ID:June2' UPDATE by mhphan on 07/21/2017 09:55:41
- 'user_app app_name:'mindscape' User ID:'June2' app_desc:'extern_monitor_flag' DELETE from MIND by mhphan on 07/21/2017 09:55:41
- 'user_app app_name:'mindscape' User ID:'June2' app_desc:'perinatal_flag' DELETE from MIND by mhphan on 07/21/2017 09:55:41
- 'user_app app_name:'mindscape' User ID:'June2' app_desc:'ulink_maint_flag' DELETE from MIND by mhphan on 07/21/2017 09:55:41
- 'user_app app_name:'mindscape' User ID:'June2' app_desc:'ulink_user_flag' DELETE from MIND by mhphan on 07/21/2017 09:55:41
- 'user_app app_name:'mindscape' User ID:'June2' app_desc:'PumaCentralId' DELETE from MIND by mhphan on 07/21/2017 09:55:41
- 'user_app app_name:'mindscape' User ID:'June2' app_desc:'PumaCentralId' DELETE from MIND by mhphan on 07/21/2017 09:55:41

9. Reference Table Maintenance has finer granularity by using java. Previously, when using date-time columns, queries could only target records with 'seconds' resolution. For example, the return list of users records added at certain time would include all records added from 1/1/2000 12:00:00.000 – 1/1/2000 12:00:999. As such any operations performed by the Table Maintenance pages would have to act on this entire set of records even if that might not have been the operator's intention. Java PUMA can target and operate on the exact record by matching at the millisecond resolution on date-time fields.
10. On the UAA Add and Edit pages, the Login, Delegate NetID, and Mgr NetID fields have been widened to show and accept up to 13 characters in anticipation of the upcoming UW campus NetID changes.

Other ID:

Login:

Password: [auto gen](#)
[see password](#) verify password

ation

Job Title:

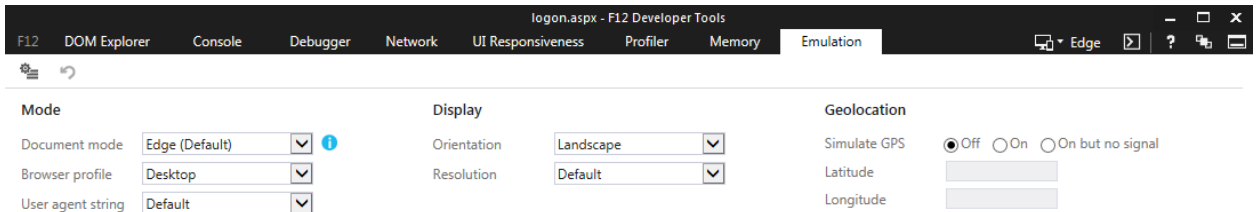
Mailstop:

Delegate NetID:

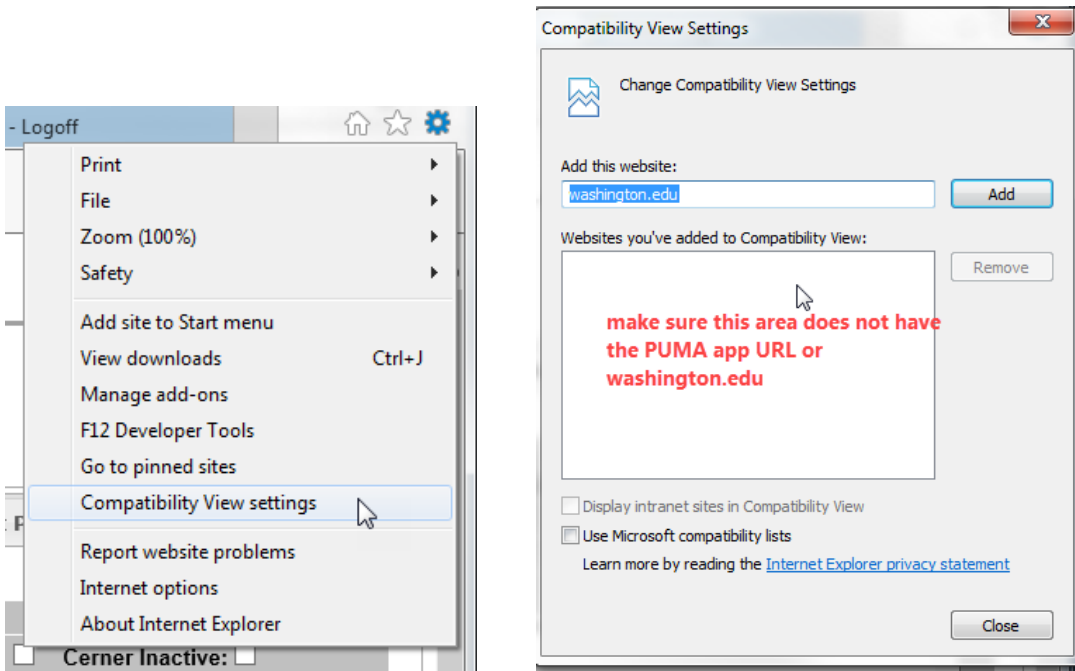
Mgr NetID: ×

Configuration Requirements

Make sure that IE11 isn't running in any Emulation mode besides the default. In IE, press F12 to bring up the Dev Tools screen. Document mode should be set to "Edge (Default)" and the Browser profile should be set to "Desktop".



Please also ensure that you don't have the PUMA web app URL saved in your Compatibility View. To check this setting go to the tools icon in the upper right hand corner of your



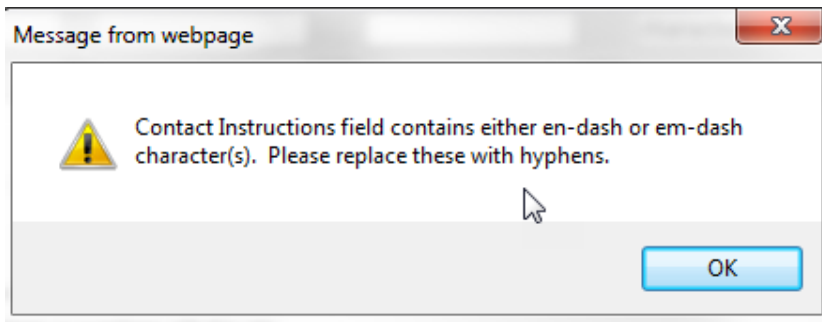
Known Issues

1. Currently, there is an open USD request, 1813208 to scrub and normalize the Puma database in order to provide higher data integrity. Until this is done, affected records might not be able to Match-merge. The legacy Puma application could be used to Match-merge records. However, in doing so, any data anomalies might be propagated by the merging process and thus should be validated afterwards.
2. The following UI issues have been seen intermittently:
 - a. Possibility of receiving and 'error:null' message when making updates on the main PMG Edit screen --if this happens, please report it with your work flow, and central id to the SDM ticket 1771869. Hitting F5 will refresh the page and all the data/changes should have been saved.
 - b. Time out error with stack trace--if this happens, please note work flow and report to the PumaJ go-live tracking USD ticket, 1771869.



- c. Tabs closing intermittently -- a few people have noticed that tabs, mostly the edit UAA tab, will close without warning. If this happens, please note work flow and report to the ticket above.
3. Double quotes characters are not displayable in ASP text fields (truncated) and so in Java for Create/Edit Addresses, they are not allowed.
 4. PUMA Java does not handle Unicode characters—If you are copy/pasting into text fields and accidentally paste in a Unicode character, specifically the 'en'/'em'/long dash you will get a

warning like this:



Should you hit this warning, please just replace and dashes with a single hyphen and continue your update.

If you notice any other weird characters in any text field, example below, please correct your entry with an appropriate ASCII character. This type of data muddling should be cleared up with the above defect 1813208, when PUMA J works to scrub and normalize data before it is written to the database.

Contact Instructions
10/12/2017 â?? TEST
10/12/2017 â?? TEST

For any further issues—please report to SDM ticket 1771869, or contact Minh Phan (mhphan@uw.edu) or Lauren Chase (lchaser@uw.edu)