Web Portals Customization Reference

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Portal Pages Titles, Content and Labels Character Limits

There is a maximum and minimum range of characters you can enter in the titles, text boxes, instructions, field and button labels, and other visual elements on the **Portal Page Customization** tab.

Character Limits for Portal Pages Titles, Content and Labels

The navigation paths for these portal page UI elements are:

- For Guest portals, choose **Guest Access** > **Configure** > **Guest Portals** > **Edit** > **Portal Page Customization** > **Pages**.

- For Sponsor portals, choose **Guest Access** > **Configure** > **Sponsor Portals** > **Edit** > **Portal Page Customization** > **Pages**.

- For Device portals, choose **Administration** > **Device Portal Management** > **(any Portals)** > **Edit** > **Portal Page Customization** > **Pages**.

Use this information when you enter content in the titles, text boxes, instructions, field and button labels, and other visual elements of the portal page the you are customizing. These updates are applied only to the specific page that you are customizing.

Note   Whether you enter single-byte or multi-byte characters, you can only enter the maximum number of characters identified for a field. Multi-byte characters do not affect the character limit.

Field Category	Fields	Field Labels: Minimum Characters	Field Labels: Maximum Characters	Field Input Values: Minimum Characters	Field Input Values: Maximum Characters
Common page elements	Banner title				256
	Footer elements			0	2000
	Browser Page Title			0	256
	Instructional Text			0	2000
	Content Title			0	256
	Optional Content 1			0	2000
	Optional Content 2			0	2000
	Button labels	0	64		
	Check box labels	0	64		
	Tab labels	0	64		
	Link labels	0	256		
AUP	AUP Text			0	50,000
Message text	Message text (displayed on page)			0	2000
	Message text (displayed in pop-up window)			0	256
Field labels	All fields labels	0	256		
Field input (general)	Field input in general (see special cases below)			0	256
Field input (special cases)	Access Code field			1	20
	Registration Code field			1	20
	Username fields			1	64

Field Category	Fields	Field Labels: Minimum Characters	Field Labels: Maximum Characters	Field Input Values: Minimum Characters	Field Input Values: Maximum Characters
	Password fields			1	256
	Phone Number field			0	64
	Device ID field			12	17

Portal Customization

You can customize the appearance of the end-user web portals and the guest experience. If you have experience with the cascading style sheet (CSS) language and with Javascript, you can use the jQuery Mobile ThemeRoller application to customize portal themes by changing the portal page layout.

You can view all the fields by exporting the CSS theme or language properties from the required portal page. Refer to the Export a Portal's Default Theme CSS File for more information.
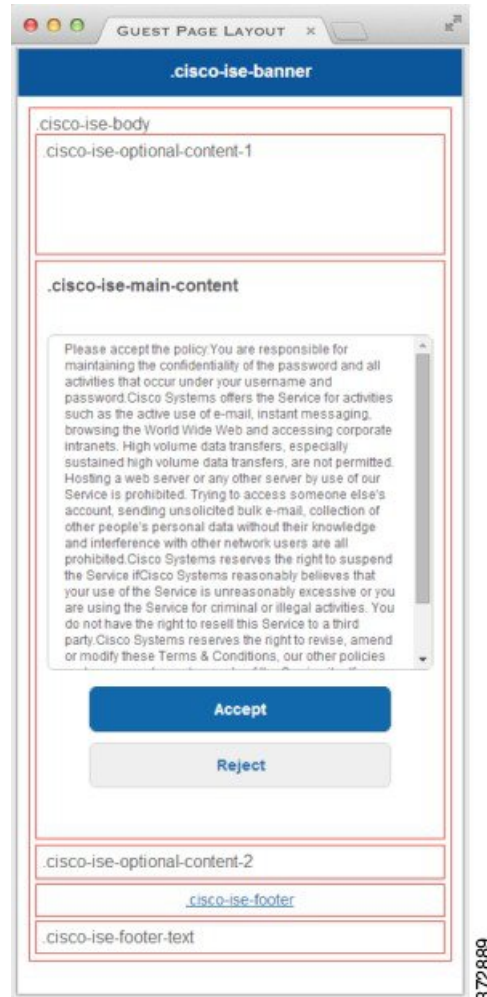
CSS Classes and Descriptions for End-User Portals Page Layout

Use these CSS classes to define and modify the page layout of the Cisco ISE end-user web portals.

CSS Class Name	Description
cisco-ise-banner	Includes logos, banner image, and banner text. On the Sponsor and My Devices portals, this class also contains buttons that can activate a context menu. For example, the menu can bring up a pop-up window with options to **Log Out**, **Change Password**, and so on.
cisco-ise-body	Contains all page elements that are not part of the banner.
cisco-ise-optional-content-1	Empty by default. You can add text, links, and HTML and Javascript code.
cisco-ise-main-content	Includes the main contents of the portal page, such as instructional text, action buttons, and the cisco-ise-footer container.
cisco-ise-optional-content-2	Empty by default. You can add text, links, and HTML and Javascript code.
cisco-ise-footer	Part of the footer, it is a placeholder for links such as **Contact Support** and online **Help**.

CSS Class Name	Description
cisco-ise-footer-text	Empty by default. It is a placeholder for anything that you want to display at the bottom of the portal page, such as a copyright notice or a disclaimer.

Figure 1: CSS Classes Used in the End-User Portal Page Layout

HTML Support for a Portal Language File

The zipped language file for each portal includes the default language properties files for that portal. Each properties file includes dictionary keys that define the content that displays on the portal.

You can customize the text that displays on a portal, including the content in the **Instructional Text**, **Content**, **Optional Content 1**, and **Optional Content 2** text boxes. Some of these text boxes have default content and some are empty.

Only some of these dictionary keys associated with these text boxes support HTML in their values (text).

HTML Support for the Blacklist Portal Language File

The navigation path to this portal's **Instructional Text** , **Content**, **Optional Content 1**, and **Optional Content 2** text boxes is **Administration** > **Device Portal Management** > **Blacklist Portal** > **Edit** > **Portal Page Customization** > **Pages**. You can use the **View HTML Source** icon in the mini-editor of the text boxes and add HTML code in your content.

These dictionary keys in the portal's language properties files support HTML in their text.

Note   This is not a complete list of the dictionary keys in the files.

  • key.blacklist.ui_reject_message

HTML Support for Bring Your Own Device Portals Language Files

The navigation path to this portal's **Instructional Text** , **Content**, **Optional Content 1**, and **Optional Content 2** text boxes is **Administration** > **Device Portal Management** > **BYOD Portals** > **Edit** > **Portal Page Customization** > **Pages**. You can use the **View HTML Source** icon in the mini-editor of the text boxes and add HTML code in your content.

These dictionary keys in the portal's language properties files support HTML in their text.

Note   This is not a complete list of the dictionary keys in the files.

  • key.guest.ui_contact_instruction_message

  • key.guest.ui_byod_welcome_optional_content_1

  • key.guest.ui_byod_welcome_optional_content_2

  • key.guest.ui_byod_reg_limit_message

  • key.guest.ui_byod_reg_content_message

  • key.guest.ui_byod_success_manual_reconnect_message

  • key.guest.ui_byod_install_winmac_instruction_message

  • key.guest.ui_byod_install_optional_content_1

  • key.guest.ui_byod_reg_optional_content_2

  • key.guest.ui_byod_install_optional_content_2

  • key.guest.ui_byod_reg_optional_content_1

  • key.guest.ui_byod_reg_instruction_message

  • key.guest.ui_byod_welcome_aup_text

  • key.guest.ui_contact_optional_content_2

- key.guest.ui_contact_optional_content_1

- key.guest.ui_byod_install_ios_instruction_message

- key.guest.ui_byod_welcome_instruction_message

- key.guest.ui_error_optional_content_2

- key.guest.ui_error_optional_content_1

- key.guest.ui_byod_welcome_renew_cert_message

- key.guest.ui_byod_install_android_instruction_message

- key.guest.ui_byod_install_instruction_message

- key.guest.ui_byod_welcome_config_device_message

- key.guest.ui_byod_success_message

- key.guest.ui_byod_success_unsupported_device_message

- key.guest.ui_byod_success_optional_content_1

- key.guest.ui_byod_success_optional_content_2

- key.guest.ui_error_instruction_message

HTML Support for Client Provisioning Portals Language Files

The navigation path to this portal's **Instructional Text** , **Content**,**Optional Content 1**, and **Optional Content 2** text boxes is **Administration** > **Device Portal Management** > **Client Provisioning Portals** > **Edit** > **Portal Page Customization** > **Pages**. You can use the **View HTML Source** icon in the mini-editor of the text boxes and add HTML code in your content.

These dictionary keys in the portal's language properties files support HTML in their text.

Note   This is not a complete list of the dictionary keys in the files.

- key.guest.ui_client_provision_agent_installed_instructions_without_java_message

- key.guest.ui_contact_instruction_message

- key.guest.ui_success_message

- key.guest.ui_client_provision_unable_to_detect_message

- key.guest.ui_client_provision_instruction_message

- key.guest.ui_client_provision_agent_installation_message

- key.guest.ui_client_provision_posture_agent_check_message

- key.guest.ui_vlan_instruction_message

- key.guest.ui_client_provision_agent_installation_instructions_with_no_java_message

- key.guest.ui_success_instruction_message

- key.guest.ui_vlan_optional_content_1

- key.guest.ui_vlan_optional_content_2

- key.guest.ui_contact_optional_content_2

- key.guest.ui_contact_optional_content_1

- key.guest.ui_contact_optional_content_1

- key.guest.ui_client_provision_posture_check_compliant_message

- key.guest.ui_client_provision_optional_content_2

- key.guest.ui_client_provision_optional_content_1

- key.guest.ui_error_optional_content_2

- key.guest.ui_error_optional_content_1

- key.guest.ui_client_provision_posture_check_non_compliant_message

- key.guest.ui_vlan_install_message

- key.guest.ui_success_optional_content_1

- key.guest.ui_success_optional_content_2

- key.guest.ui_client_provision_posture_agent_scan_message

HTML Support for Credential Guest Portals Language Files

The navigation path to this portal's **Instructional Text** , **Content**,**Optional Content 1**, and **Optional Content 2** text boxes is **Guest Access** > **Configure** > **Guest Portals** > **Edit** > **Portal Page Customization** > **Pages**. You can use the **View HTML Source** icon in the mini-editor of the text boxes and add HTML code in your content.

These dictionary keys in the portal's language properties files support HTML in their text.

Note This is not a complete list of the dictionary keys in the files.

- key.guest.ui_contact_instruction_message

- key.guest.ui_login_optional_content_1

- key.guest.ui_login_optional_content_2

- key.guest.ui_client_provision_unable_to_detect_message

- key.guest.ui_client_provision_instruction_message

- key.guest.ui_device_reg_optional_content_2

- key.guest.ui_device_reg_optional_content_1

- key.guest.ui_byod_success_manual_reconnect_message

- key.guest.ui_byod_reg_optional_content_2

- key.guest.ui_byod_reg_optional_content_1
- key.guest.ui_client_provision_agent_installation_instructions_with_no_java_message
- key.guest.ui_success_instruction_message
- key.guest.ui_max_devices_instruction_message
- key.guest.ui_max_devices_optional_content_1
- key.guest.ui_self_reg_results_instruction_message
- key.guest.notification_credentials_email_body
- key.guest.ui_max_devices_optional_content_2
- key.guest.ui_contact_optional_content_2
- key.guest.ui_contact_optional_content_1
- key.guest.ui_byod_install_ios_instruction_message
- key.guest.ui_changepwd_instruction_message
- key.guest.ui_client_provision_posture_check_compliant_message
- key.guest.ui_aup_instruction_message
- key.guest.ui_changepwd_optional_content_2
- key.guest.ui_changepwd_optional_content_1
- key.guest.ui_self_reg_results_optional_content_2
- key.guest.ui_self_reg_results_optional_content_1
- key.guest.ui_device_reg_instruction_message
- key.guest.ui_byod_welcome_renew_cert_message
- key.guest.ui_vlan_execute_message
- key.guest.ui_byod_install_android_instruction_message
- key.guest.ui_client_provision_posture_check_non_compliant_message
- key.guest.ui_byod_install_instruction_message
- key.guest.ui_device_reg_max_reached_message
- key.guest.ui_byod_success_message
- key.guest.ui_byod_success_unsupported_device_message
- key.guest.ui_byod_success_optional_content_1
- key.guest.ui_byod_success_optional_content_2
- key.guest.ui_aup_employee_text
- key.guest.ui_client_provision_agent_installed_instructions_without_java_message
- key.guest.ui_success_message
- key.guest.ui_byod_welcome_optional_content_1

- key.guest.ui_byod_welcome_optional_content_2

- key.guest.ui_self_reg_optional_content_2

- key.guest.ui_self_reg_optional_content_1

- key.guest.ui_byod_reg_limit_message

- key.guest.notification_credentials_print_body

- key.guest.ui_byod_reg_content_message

- key.guest.ui_client_provision_agent_installation_message

- key.guest.ui_post_access_message

- key.guest.ui_vlan_instruction_message

- key.guest.ui_byod_install_winmac_instruction_message

- key.guest.ui_aup_guest_text

- key.guest.ui_byod_install_optional_content_1

- key.guest.ui_byod_install_optional_content_2

- key.guest.ui_byod_reg_instruction_message

- key.guest.ui_aup_optional_content_1

- key.guest.ui_aup_optional_content_2

- key.guest.ui_self_reg_aup_text

- key.guest.ui_login_instruction_message

- key.guest.ui_vlan_optional_content_1

- key.guest.ui_vlan_optional_content_2

- key.guest.ui_self_reg_results_aup_text

- key.guest.ui_device_reg_register_message

- key.guest.ui_byod_welcome_instruction_message

- key.guest.ui_client_provision_optional_content_2

- key.guest.ui_self_reg_instruction_message

- key.guest.ui_vlan_install_message

- key.guest.ui_success_optional_content_1

- key.guest.ui_success_optional_content_2

- key.guest.ui_post_access_instruction_message

- key.guest.ui_post_access_optional_content_2

- key.guest.ui_post_access_optional_content_1

- key.guest.ui_byod_welcome_config_device_message

- key.guest.ui_client_provision_posture_agent_scan_message

HTML Support for Hotspot Guest Portals Language Files

The navigation path to this portal's **Instructional Text** , **Content**,**Optional Content 1**, and **Optional Content 2** text boxes is **Guest Access** > **Configure** > **Guest Portals** > **Edit** > **Portal Page Customization** > **Pages**. You can use the **View HTML Source** icon in the mini-editor of the text boxes and add HTML code in your content.

These dictionary keys in the portal's language properties files support HTML in their text.

Note   This is not a complete list of the dictionary keys in the files.

- key.guest.ui_contact_instruction_message
- key.guest.ui_success_message
- key.guest.ui_post_access_message
- key.guest.ui_vlan_instruction_message
- key.guest.ui_success_instruction_message
- key.guest.ui_aup_optional_content_1
- key.guest.ui_aup_optional_content_2
- key.guest.ui_vlan_unsupported_error_message
- key.guest.ui_vlan_optional_content_1
- key.guest.ui_vlan_optional_content_2
- key.guest.ui_contact_optional_content_2
- key.guest.ui_contact_optional_content_1
- key.guest.ui_aup_instruction_message
- key.guest.ui_aup_hotspot_text
- key.guest.ui_vlan_execute_message
- key.guest.ui_vlan_install_message
- key.guest.ui_success_optional_content_1
- key.guest.ui_success_optional_content_2
- key.guest.ui_post_access_instruction_message
- key.guest.ui_post_access_optional_content_2
- key.guest.ui_post_access_optional_content_1

HTML Support for Mobile Device Management Portals Language Files

The navigation path to this portal's **Instructional Text** , **Content**,**Optional Content 1**, and **Optional Content 2** text boxes is **Administration** > **Device Portal Management** > **MDM Portals** > **Edit** > **Portal Page**

Customization > **Pages**. You can use the **View HTML Source** icon in the mini-editor of the text boxes and add HTML code in your content.

These dictionary keys in the portal's language properties files support HTML in their text.

Note This is not a complete list of the dictionary keys in the files.

- key.mdm.ui_contact_instruction_message
- key.mdm.ui_mdm_enrollment_after_message
- key.mdm.ui_error_optional_content_2
- key.mdm.ui_error_optional_content_1
- key.mdm.ui_mdm_enroll_optional_content_1
- key.mdm.ui_mdm_enroll_optional_content_1
- key.mdm.ui_mdm_enroll_optional_content_2
- key.mdm.ui_mdm_enroll_instruction_message
- key.mdm.ui_error_instruction_message
- key.mdm.ui_mdm_enrollment_link_message
- key.mdm.ui_mdm_not_reachable_message
- key.mdm.ui_contact_optional_content_2
- key.mdm.ui_mdm_continue_message
- key.mdm.ui_contact_optional_content_1

HTML Support for My Devices Portals Language Files

The navigation path to this portal's **Instructional Text** , **Content**, **Optional Content 1**, and **Optional Content 2** text boxes is **Administration** > **Device Portal Management** > **My Devices Portals** > **Edit** > **Portal Page Customization** > **Pages**. You can use the **View HTML Source** icon in the mini-editor of the text boxes and add HTML code in your content.

These dictionary keys in the portal's language properties files support HTML in their text.

Note This is not a complete list of the dictionary keys in the files.

- key.mydevices.ui_add_optional_content_1
- key.mydevices.ui_add_optional_content_2
- key.mydevices.ui_post_access_instruction_message
- key.mydevices.ui_edit_instruction_message
- key.mydevices.ui_contact_optional_content_2

- key.mydevices.ui_contact_optional_content_1

- key.mydevices.ui_changepwd_optional_content_1

- key.mydevices.ui_changepwd_optional_content_2

- key.mydevices.ui_post_access_message

- key.mydevices.ui_home_instruction_message

- key.mydevices.ui_edit_optional_content_1

- key.mydevices.ui_edit_optional_content_2

- key.mydevices.ui_add_instruction_message

- key.mydevices.ui_post_access_optional_content_2

- key.mydevices.ui_post_access_optional_content_1

- key.mydevices.ui_error_instruction_message

- key.mydevices.ui_actions_instruction_message

- key.mydevices.ui_home_optional_content_2

- key.mydevices.ui_aup_optional_content_1

- key.mydevices.ui_aup_optional_content_2

- key.mydevices.ui_home_optional_content_1

- key.mydevices.ui_changepwd_instruction_message

- key.mydevices.ui_contact_instruction_message

- key.mydevices.ui_aup_employee_text

- key.mydevices.ui_login_optional_content_2

- key.mydevices.ui_login_optional_content_1

- key.mydevices.ui_login_instruction_message

- key.mydevices.ui_error_optional_content_1

- key.mydevices.ui_error_optional_content_2

- key.mydevices.ui_aup_instruction_message

HTML Support for Sponsor Portals Language Files

The navigation path to this portal's **Instructional Text** , **Content**,**Optional Content 1**, and **Optional Content 2** text boxes is **Guest Access** > **Configure** > **Sponsor Portals** > **Edit** > **Portal Page Customization** > **Pages**. You can use the **View HTML Source** icon in the mini-editor of the text boxes and add HTML code in your content.

These dictionary keys in the portal's language properties files support HTML in their text.

Note This is not a complete list of the dictionary keys in the files.

- key.sponsor.ui_aup_instruction_message
- key.sponsor.ui_create_random_instruction_message
- key.sponsor.ui_home_instruction_message
- key.sponsor.ui_post_access_instruction_message
- key.sponsor.notification_credentials_print_body
- key.sponsor.ui_aup_sponsor_text
- key.sponsor.ui_create_accounts_access_info_instruction_message
- key.sponsor.ui_login_instruction_message
- key.sponsor.notification_credentials_email_body
- key.sponsor.ui_create_known_instruction_message
- key.sponsor.ui_create_import_instruction_message
- key.sponsor.ui_suspend_account_instruction_message
- key.sponsor.ui_post_access_message
- key.sponsor.ui_login_optional_content_2
- key.sponsor.ui_login_optional_content_1
- key.sponsor.notification_credentials_email_password_body
- key.sponsor.ui_contact_optional_content_2
- key.sponsor.ui_contact_optional_content_1
- key.sponsor.ui_login_aup_text
- key.sponsor.ui_changepwd_instruction_message
- key.sponsor.ui_create_accounts_guest_type_instruction_message
- key.sponsor.ui_changepwd_optional_content_1
- key.sponsor.ui_changepwd_optional_content_2
- key.sponsor.notification_credentials_email_username_body
- key.sponsor.ui_aup_optional_content_1
- key.sponsor.ui_aup_optional_content_2
- key.sponsor.ui_post_access_optional_content_1
- key.sponsor.ui_post_access_optional_content_2
- key.sponsor.ui_contact_instruction_message

Custom Guest Notifications

Within in each portal, you can customize the email, SMS text messages, or printed notifications that guests receive.

List of Variables for Portal Pages Customization

The navigation paths for these portal page text boxes are:

- For Guest portals, choose **Guest Access** > **Configure** > **Guest Portals** > **Edit** > **Portal Page Customization** > **Pages**.

- For Sponsor portals, choose **Guest Access** > **Configure** > **Sponsor Portals** > **Edit** > **Portal Page Customization** > **Pages**.

- For Device portals, choose **Administration** > **Device Portal Management** > **(any Portals)** > **Edit** > **Portal Page Customization** > **Pages**.

Use these variables when creating templates for portal content and guest notifications to enable consistency in the information presented to the portal users (guests, sponsors, and employees). Substitute text with the variable names listed here for each of the portals in the **Instructional Text** , **Optional Content 1**, and **Optional Content 2** text boxes.

Table 1: List of Variables for Guest Portals

Display Name	Substitute with Variable Name
Access code Use to provide an access code to guests using either email, text or print notifications.	ui_access_code
BYOD IOS SSID Use to specify the network that a device should connect to after on-boarding in a dual SSID flow.	ui_byod_success_ios_ssid
Client Provisioning Agent Type Use to specify the currently configured agent in the client provisioning policy, such as the AnyConnect agent or the NAC agent.	ui_client_provision_agent_type
Client Provisioning Agent URL Use to specify the download URL for the posture agent.	ui_client_provision_agent_url

Display Name	Substitute with Variable Name
Client Provisioning agent install minutes Use to notify guests the amount of time (set by the remediation timer) in which they must complete the installation instructions on the Client Provisioning page. If guests do not complete the installation instructions before the timer expires, they must refresh the browser page and go through the login process again.	ui_client_provision_install_agent_mins
Company	ui_company
Email address	ui_email_address
End date and time	ui_end_date_time
First name	ui_first_name
Last name	ui_last_name
Location name	ui_location_name
Maximum registered devices	ui_max_reg_devices
Maximum simultaneous logins	ui_max_siml_login
Password	ui_password
Person being visited (email)	ui_person_visited
Phone number	ui_phone_number
Reason for visit	ui_reason_visit
SMS Provider	ui_sms_provider
SSID Use to specify the wireless network that a guest can use to connect to the network.	ui_ssid
Start date and time	ui_start_date_time
Time left	ui_time_left
Username	ui_user_name

Table 2: List of Variables for Sponsor Portals

Display Name	Substitute with Variable Name
Guest - Company	ui_guest_company
Guest - Email address	ui_guest_email_address
Guest - End date and time	ui_guest_end_date_time
Guest - First name	ui_guest_first_name
Guest - Last name	ui_guest_last_name
Guest - Location name	ui_guest_location_name
Guest - Maximum registered devices	ui_guest_max_reg_devices
Guest - Maximum simultaneous logins	ui_guest_max_siml_login
Guest - Password	ui_guest_password
Guest - Person being visited (email)	ui_guest_person_visited
Guest - Phone number	ui_guest_phone_number
Guest - Reason for visit	ui_guest_reason_visit
Guest - SMS Provider	ui_guest_sms_provider
Guest - SSID Use to specify the wireless network that a guest can use to connect to the network.	ui_guest_ssid
Guest - Start date and time	ui_guest_start_date_time
Guest - Time left	ui_guest_time_left
Guest - Username	ui_guest_user_name
Username Use to specify the username of the user logged into the portal.	ui_sponsor_user_name
Use to display "From" in the Guest Access Information page.	ui_from_label
Use to display "First Login" in the Guest Access Information page.	ui_first_login_text

Display Name	Substitute with Variable Name
Use to display guest account notification message if the access time starts at First Login.	ui_notification_first_login_text
Dynamic variable that represents the account duration in email notifications.	ui_access_duration
Dynamic variable to display an account that is no longer available. For Start-End accounts, the date is the End date and for From-First-Login account, the date is the account creation date plus the purge duration days.	ui_account_purge_date
Use to restrict the sponsor from changing the guest type from From First Login to Start-End or vice versa, if the guest user has logged in at least once in the past. Displayed in the General Sponsor Portal Messages.	ui_guest_type_change_ffl_startend_not_allowed_error ui_guest_type_change_startend_ffl_not_allowed_error

Table 3: List of Variables for MDM Portals

Display Name	Substitute with Variable Name
MDM - Vendor Name	ui_mdm_vendor_name

Table 4: List of Variables for My Devices Portals

Display Name	Substitute with Variable Name
MyDevices - Login Failure Rate Limit	$user_login_failure_rate_limit$
MyDevices - Max Devices to Register	ui_max_register_devices
MyDevices - User Name Use to specify the username of the user logged into the portal.	$session_username$