

Add Developer TV Provider to Device				
Enable the Developer menu in the Settings app on the test device				
Navigate to: Settings > Developer > TV Providers and select “Add TV Provider”				
Identifier				
Name				
Authentication URL				
Ensure the Authentication Schemes are setup with SAML set to OFF and API set to ON				
Launch TV Provider's Authentication	Validations	tvOS	iOS	Notes
1. Navigate to TV Provider iOS: Settings > TV Provider > tvOS: Settings > Accounts > TV Provider > Sign In > 2. Select the TV Provider you are testing	Ensure TV Provider logo looks good in Light mode			
	Ensure TV Provider logo looks good in Dark mode			
	① Input Labels can have different values like Account, User ID, Email, Username etc. Ensure Input Labels do not have any typos			
	① Input Placeholders should either mirror the Input Labels or match the input value format. Ensure Input Placeholders do not have any typos			
	*On tvOS when dictation is enabled you will see the dictation hint not the Placeholder			
	If available: Ensure any links or buttons at bottom of the page don't have typos and do what they say			
Invalid Credentials	Validations	tvOS	iOS	Notes
Enter incorrect username and password	① A sign in error with a Title provided by Apple (“Sign In Error”) and Description provided by partner are displayed Ensure the Description is not empty and contains a user friendly error message with no typos			
Valid Credentials	Validations	tvOS	iOS	Notes
Enter correct username and password	iOS: Ensure the account name is displayed below the “Sign Out” button tvOS: Ensure the account name is displayed to the right of “Sign Out” button			
Sign Out of TV Provider	Validations	tvOS	iOS	Notes
1. Navigate to TV Provider iOS: Settings > TV Provider > Account tvOS: Settings > Users and Accounts > TV Provider 2. Select “Sign Out” 3. Confirm “Sign Out”	Ensure that the sign out completes within 7 seconds			
Sign In via TV Provider App	Validations	tvOS	iOS	Notes
1. Install and launch the TV Provider app	Ensure TV Provider logo looks good in Light mode			
2. For Browse apps, begin the login flow if not prompted on launch				
3. If prompted for TV Provider permission select “Allow”	Ensure TV Provider logo looks good in Dark mode			
4. Enter correct username and password	Ensure the authentication template is dismissed and you are returned to the app in an authenticated state			
iCloud Sync	Validations	tvOS	iOS	Notes
1. Add the Development TV Provider to two iOS Devices 2. Ensure that the identifier value is exactly the same on both devices 3. Ensure both devices are signed in with the same Apple ID 4. Ensure iCloud Keychain Sync is enabled on both devices 5. Ensure both devices have are signed out of TV Provider 6. On Device A Navigate to: Settings > TV Provider and sign in 7. Wait for the TV Provider signed in on Device A to be the synced to Device B. ① If syncing takes more than 3-4 minutes try force quitting the Settings app 8. Open the Partner App on Device B 9. Tap “Allow” when prompted to use TV Provider Authentication	Ensure the app successfully authenticates on Device B	N/A		
Extended Validation Certificate	Validations	tvOS	iOS	Notes
1. Enter the Authentication URL in Safari 2. Click the Lock icon in the address bar 3. Click “Show Certificates” 4. The last certificate in the list should already be selected and labeled with the domain name, if not select it	Ensure the expiration date is well outside of the partner's launch window			
5. Expand the “Details” dropdown 6. Scroll down to the Extensions section	Ensure there is an Extension named “Certificate Policies” that contains a Policy ID of 2.23.140.1.1			
TLS v1.2 Support	Validations	tvOS	iOS	Notes
Run the following command in Terminal on a Mac using the Authentication URL: nscurl --ats-tls-version TLSv1.2 https://example.com/application.js	Ensure the log contains Result : PASS			
Authentication Requests use HTTPS	Validations	tvOS	iOS	Notes
Using a network proxy tool like Charles, inspect the network traffic of a successful Sign In	Ensure that all network traffic with sensitive information (usernames, passwords, user tokens etc.) is using HTTPS			
Expired System Authentication	Validations	tvOS	iOS	Notes
1. Uninstall the TV Provider app to clear any settings, state or authentication information 2. Re-Install the TV Provider app 3. Ensure you are signed in to the TV Provider 4. Navigate to: Settings > Developer > TV Provider and enable “Simulate Expired Token” 5. Launch the TV Provider app 6. Tap “Allow” when prompted to use TV Provider Authentication	① If you are prompted to re-authenticate, enter a valid username and password Ensure you are returned to the app in an authenticated state ① Ensure to toggle the “Simulate Expired Token” switch to OFF in Developer Settings after completing this validation			
Only Run the Tests Below if Applicable to the Partner				
Subscription Registration (For Universal Search & TV app partners)	Validations	tvOS	iOS	Notes
1. Sign out of TV Provider Authentication 2. Navigate to: Settings > Developer > Set Top Box Mode > App Bundle Identifier and enter the app's bundle identifier 3. Navigate to: Settings > TV Provider and sign back into TV Provider Authentication 4. Navigate to: Settings > Developer > Set Top Box Mode	Ensure “View Subscriptions” is enabled and does not say “Empty”		N/A ① This is required on iOS but is not currently testable via developer settings. If tvOS works it is highly likely that iOS works.	
5. Select “View Subscription”	Ensure the expected available tiers for the account used to sign in are shown		N/A	
Auto Authentication Template Usage (For partners that support auto authentication)	Validations	tvOS	iOS	Notes
1. Navigate to TV Provider iOS: Settings > TV Provider > Account tvOS: Settings > Users and Accounts > TV Provider 2. Select “Sign Out” 3. When prompted to confirm Sign Out select “Sign Out” 4. Select “Sign In” and choose the TV Provider to be tested	Ensure the autoAuthenticationTemplate is used			
	iOS: - The Navigation Bar right button label should be “Sign In” - At the top of the template is a logo - Underneath the logo is a label for the automatically discovered username - Underneath the username is a TV Provider defined title - Underneath the title is a TV Provider defined paragraph - At the bottom of the template is an optional TV Provider defined button			
	tvOS: - At the top there is a logo - Underneath the logo is a TV Provider defined title - Underneath the title is a TV Provider defined paragraph - Underneath the paragraph is a default button with the label “Continue” - Underneath the “Continue” button is an optional TV Provider defined button - At the bottom of the template is a label for the automatically discovered username			
	Ensure the logo looks good in dark mode			
	Ensure the logo looks good in light mode			
	Ensure the title makes sense and does not contain any typos			
	Ensure the paragraph makes sense and does not contain any typos			
	If there is a second button ensure the title makes sense and does not contain any typos			
Ensure the username label contains the account username				
5. Sign In	iOS: Ensure the account name is displayed below the “Sign Out” button tvOS: Ensure the account name is displayed to the right of “Sign Out” button			
6. Select Sign Out 7. Confirm Sign Out	Ensure that the sign out completes within 7 seconds			
8. Navigate to TV Provider and select the TV Provider you are testing once more 9. If there is a second button, select it to start the basic authentication flow	Ensure the authenticationTemplate is used			

Test Results Key	
Pass	✓
Pass with Issue	~
Fail	✗
Unable to Test	⚠