# Steps to retrieve learner certificate URLs for a course

1. Replace <*course-name>* with the name of the course you are looking (Ensure that single quotes are present) for in the database query given below.

**Query**

SELECT [CourseID]

,[CourseName]

,[CertificateStatus]

,[ContentLanguage]

,[ParentCourseId]

,[OrgId]

,[IsPublished]

,[FeedbackFormURL]

,[ImportContentType]

,[ImportContentURL]

FROM [MSLCatalog].[Course]

WHERE [CourseName] LIKE '*<course-name>*';

1. Run the above query and save the CourseID for the required course from the results of the query.
2. Replace *<course-id>* in the below query with the CourseID that you got from step 2.  
   Replace *<content-endpoint>* in one of the following ways:-
   1. If AzureFD is present, then replace *<content-endpoint>* with AzureFD website URL followed by “/storage/”.   
      Eg:- For devsangam.azurefd.net, <content-endpoint> will be replaced with <https://devsangam.azurefd.net/storage/>
   2. If websites is an Azurewebsites URL, then replace <content-endpoint> with the Blob service URL, which can be found by accessing the storage account on the Azure portal.

Graphical user interface, text, application, email

Description automatically generated

Eg:- For devsangam storage account, the <content-endpoint> will be replaced with <https://devsangamstorageaccount.blob.core.windows.net/>

**Query**

SELECT [MSLCatalog].[LearnerCourseActivity].[UserID]

,[MSLCatalog].[LearnerCourseActivity].[CourseID]

,[MSLCatalog].[MLXUser].[FirstName]

,[MSLCatalog].[MLXUser].[LastName]

,[MSLCatalog].[MLXUser].[EmailAddress]

,[MSLCatalog].[LearnerCourseActivity].[CourseEndDatetime]

,REPLACE([MSLCatalog].[LearnerCourseActivity].[CertificateUrl], '{ContentEndpoint}/','*<content-endpoint>*') AS CertificateUrl

,[MSLCatalog].[LearnerCourseActivity].[Score]

,[MSLCatalog].[LearnerCourseActivity].[CertificateStatus]

,[MSLCatalog].[LearnerCourseActivity].[LearnerCourseActivityID]

FROM [MSLCatalog].[LearnerCourseActivity]

INNER JOIN [MSLCatalog].[MLXUser]

ON [MSLCatalog].[LearnerCourseActivity].[UserID] = [MSLCatalog].[MLXUser].[UserID]

WHERE CourseID = *<course-id>*;

1. Run the above query to get learner certificate URLs for a given course.

**Steps to Retrieve Certificate for a given Learning Path:**

**Step1: Get LP ID**

SELECT Name,  LearningPathID FROM [MSLCatalog].[LearningPath] where Name LIKE *'<LP name>*'

**Step2: Get Content-endpoint:**

* 1. If AzureFD is present, then replace *<content-endpoint>* with AzureFD website URL followed by “/storage/”.   
     Eg:- For devsangam.azurefd.net, <content-endpoint> will be replaced with [https://devsangam.azurefd.net/storage/](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdevsangam.azurefd.net%2Fstorage%2F&data=05%7C01%7Cv-sambati%40microsoft.com%7Cfd5a428744884580a84508da8d6a5a3a%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C637977785181158600%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=7ZnXvojuvb5MjMfpHVd731bz7VjrXbyA3wSkBPCb3HU%3D&reserved=0)
  2. If websites is an Azurewebsites URL, then replace <content-endpoint> with the Blob service URL, which can be found by accessing the storage account on the Azure portal.

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Eg:- For devsangam storage account, the <content-endpoint> will be replaced with [https://devsangamstorageaccount.blob.core.windows.net/](https://nam06.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdevsangamstorageaccount.blob.core.windows.net%2F&data=05%7C01%7Cv-sambati%40microsoft.com%7Cfd5a428744884580a84508da8d6a5a3a%7C72f988bf86f141af91ab2d7cd011db47%7C1%7C0%7C637977785181158600%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=gpAV%2BDbKSTyfJp7zs2S4qF8FumRyGuoMx4cX7xMnQLM%3D&reserved=0)

**Step 3: Run this script for LP certificate URL: (**replace *<content-endpoint> and <LP\_ID>***)**

SELECT [MSLCatalog].[LearningPathUserActivity].[UserID]

    ,[MSLCatalog].[LearningPathUserActivity].[LearningPathID]

      ,[MSLCatalog].[MLXUser].[FirstName]

    ,[MSLCatalog].[MLXUser].[LastName]

    ,[MSLCatalog].[MLXUser].[EmailAddress]

    ,REPLACE([MSLCatalog].[LearningPathUserActivity].[CertificateUrl], '{ContentEndpoint}/', *‘<content-endpoint>*’) AS CertificateUrl

   FROM [MSLCatalog].[LearningPathUserActivity]

   INNER JOIN [MSLCatalog].[MLXUser]

   ON [MSLCatalog].[LearningPathUserActivity].[UserID] = [MSLCatalog].[MLXUser].[UserID]

   WHERE LearningPathID = *<LP\_ID>* and CertificateUrl is not NULL;