Shared access signatures

Account level SAS
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Uniform resource identifier (URI) that grants restricted access rights to Azure Storage resources.
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Service level SAS
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User delegation SAS
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Can only be used for Blob storage and is secured with Microsoft Entra credentials

Service SAS
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A service SAS is secured using a storage account key. A service SAS delegates access to a resource in any one of four Azure Storage services: Blob, Queue, Table, or File.

Account SAS
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Secured with a storage account key. An account SAS has the same controls as a service SAS, but can also control access to service-level operations, such as Get Service Stats.

Main components

URI
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Points to one or more storage resources

Token
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Indicates how the client may access the resources.

URI

`https://medicalrecords.blob.core.windows.net/patient-images/patient-116139-nq8z7f.jpg?`

SAS token

`sp=r&st=2020-01-20T11:42:32Z&se=2020-01-20T19:42:32Z&spr=https&sv=2019-02-02&sr=b&sig=SrW1HZ5Nb6MbRzTbXCaPm%2BJiSEn15tC91Y4umMPwVZs%3D`